

**Mohammad Ali Amoozegar**

Professor in Microbiology (2016-present)	P.O. Box: 6455-14155, Tehran, Iran
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**Education**

- PhD Microbiology, University of Tehran, Tehran, IRAN, (1996 - 2003)
- M. Sc. Microbiology, University of Tehran, Tehran, IRAN, 1996
- B. Sc. Microbiology, Azad University of Qom, Qom, IRAN, 1994

**Awards**

- Best Researcher Student in university of Tehran, 2003
- Top Researcher in 15<sup>th</sup> Festival of Appreciation of Selective Researchers and Technologists in Iran. 2014
- Best Researcher in 23<sup>rd</sup> Research festival university of Tehran, 2014
- Outstanding Researcher in 24<sup>th</sup> Research festival university of Tehran, 2015
- 2<sup>nd</sup> laureate of fundamental research in 29<sup>th</sup> Khwarizmi International Award, 2016

**Research**

- Environmental Microbiology and Biotechnology
- Biodiversity and Systematic of Microorganisms
- Biology of Extremophiles
  - Biodiversity of microorganisms
  - Polyphasic identification of Archaea and Bacteria
  - Environmental metagenome
  - Hypersaline lake microbiology and biotechnology
  - Bioremediation of toxic metals and oxyanions
  - Biotechnology application of Extremophiles

**Positions**

- Member of Society for Applied Microbiology (UK) (2002-2007)
- Member of Society for General Microbiology (UK) (2002-Present)
- Member of American Society for Microbiology (USA) (2005-present)
  
- Dean of School of Biology, University of Tehran (2018-present)

## Service to science

- Editorial board of 3 journals: Frontiers of Extreme Microbiology, ISRN Evolutionary Biology and Iranian Journal of Microbiology.
- Regularly review manuscripts for IJSEM, Bioresource Technology, Hazmat, Basic Microbiology, Aquatic Biosystems, Frontiers of Microbiology, Process Biochemistry.

## Teaching

Students	
Postdoc	
Ph.D.	8
M.Sc.	60
B.Sc.	15

## Publications

Number of publications	175	Number of chapter books	8
Number of edited books		Number of reviews	
Number of edited articles			

Number of citations		Citation per article	
Citations	2811	h-index	27
		Number of Q1 articles	16

### List of Q1 Articles:

1. Mehrshad M, **Amoozegar M.A.**, Ghai R, Fazeli SA, Rodriguez-Valera F. Genome reconstruction from metagenomic datasets reveals novel microbes in the brackish waters of the Caspian Sea. Applied and environmental microbiology. 2016 Jan 4:AEM-03381.
2. Wijayawardene NN, Hyde KD, Rajeshkumar KC, Hawksworth DL, Madrid H, Kirk PM, Braun U, Singh RV, Crous PW, Kukwa M, Lücking R, **Amoozegar MA**. Notes for genera: Ascomycota. Fungal diversity. 2017 Sep 1;86(1):1-594.
3. Hyde K D, **Amoozegar M.A.**, et al, Fungal diversity notes 367-490: taxonomic and phylogenetic contributions to fungal taxa. Fungal Diversity. 2016, 80:1-270.
4. Crous, PW, **Amoozegar M.A.**, et al, Fungal planet description sheets: 281-319. Persoonia. 2015, 33:212-289.
5. Mehrshad M, Rodriguez-Valera F, **Amoozegar MA**, López-García P, Ghai R. The enigmatic SAR202 cluster up close: shedding light on a globally distributed dark ocean lineage involved in sulfur cycling. The ISME Journal. 2018 Mar;12(3):655.
6. Naghoni A, Emtiazi G, **Amoozegar MA**, Cretoiu MS, Stal LJ, Etemadifar Z, Fazeli SA, Bolhuis H. Microbial diversity in the hypersaline Lake Meyghan, Iran. Scientific reports. 2017 Sep 14;7(1):11522.

7. de la Haba RR, Corral P, Sánchez-Porro C, Infante-Domínguez C, Makkay AM, **Amoozegar MA**, Ventosa A, Papke RT. Genotypic and lipid analyses of strains from the archaeal genus *Halorubrum* reveal insights into their taxonomy, divergence and population structure. *Frontiers in Microbiology*. 2018;9:512.
8. Viver T, Orellana L, González-Torres P, Díaz S, Urdiain M, Farías ME, Benes V, Kaempfer P, Shahinpei A, **Amoozegar MA**, Amann R. Genomic comparison between members of the *Salinibacteraceae* family, and description of a new species of *Salinibacter* (*Salinibacter altiplanensis* sp. nov.) isolated from high altitude hypersaline environments of the Argentinian Altiplano. *Systematic and applied microbiology*. 2018 Jan 31.
9. Ramezani M, Hosseini SM, Ferrocino I, **Amoozegar MA**, Cocolin L. Molecular investigation of bacterial communities during the manufacturing and ripening of semi-hard Iranian Liqvan cheese. *Food Microbiology*. 2017 66:64-71.
10. Jebelli MA, Maleki A, **Amoozegar MA**, Kalantar E, Gharibi F, Darvish N, Tashayoe H. Isolation and identification of the native population bacteria for bioremediation of high levels of arsenic from water resources. *Journal of environmental management*. 2018 Feb;212:39-45.
11. Jebeli MA, Maleki A, **Amoozegar MA**, Kalantar E, Izanloo H, Gharibi F. *Bacillus flexus* strain As-12, a new arsenic transformer bacterium isolated from contaminated water resources. *Chemosphere*. 2017 Feb 28;169:636-41.
12. Jebelli MA, Maleki A, **Amoozegar MA**, Kalantar E, Shahmoradi B, Gharibi F. Isolation and identification of indigenous prokaryotic bacteria from arsenic-contaminated water resources and their impact on arsenic transformation. *Ecotoxicology and Environmental Safety*. 2017 Jun 30;140:170-6.
13. Hoseinifar SH, Mirvaghefi A, **Amoozegar M.A.**, Sharifian M, Esteban MÁ. Modulation of innate immune response, mucosal parameters and disease resistance in rainbow trout (*Oncorhynchus mykiss*) upon synbiotic feeding. *Fish & shellfish immunology*. 2015 Jul 31;45(1):27-32.
14. Sharghi EA, Bonakdarpour B, Roustazade P, **Amoozegar M.A.**, Rabbani AR. The biological treatment of high salinity synthetic oilfield produced water in a submerged membrane bioreactor using a halophilic bacterial consortium. *Journal of Chemical Technology and Biotechnology*. 2013 Nov 1;88(11):2016-26.
15. Kabiri M., **Amoozegar M.A.**, Tabebordar M., Gilany K., Hosseini Salekdeh G. Effects of selenite and tellurite on growth, physiology and proteome of a moderately halophilic bacterium. *J. Proteome Research*. 2009, 8:3098-3108.
16. Asad S., **Amoozegar M.A.**, Pourbabae A.A., Sarbolouki M.N., Dastgheib S.M.M. Decolorization of textile azo dyes by newly isolated halophilic and halotolerant bacteria. *Bioresource. Technol.* 2007, 98:2082-2088.

### Book Chapters :

- Ventosa, Antonio, and **Amoozegar MA**. *Halosicatus* "Bergey's Manual of Systematics of Archaea and Bacteria." : John Wiley & Sons, Inc, 2018.
- Ventosa, Antonio, and **Amoozegar MA**. *Halovenus* "Bergey's Manual of Systematics of Archaea and Bacteria." : John Wiley & Sons, Inc, 2017.
- Ventosa, Antonio, and **Amoozegar MA**. *Halovarius* "Bergey's Manual of Systematics of Archaea and Bacteria." : John Wiley & Sons, Inc, 2017.

- Ventosa, Antonio, and **Amoozegar MA**. Halopenitus " Bergey's Manual of Systematics of Archaea and Bacteria.." : John Wiley & Sons, Inc, 2017.
- Ventosa, Antonio, and **Amoozegar MA**. Haloarchaeobius " Bergey's Manual of Systematics of Archaea and Bacteria.." : John Wiley & Sons, Inc, 2017.
- **Amoozegar MA**, and Maryam Siroosi. "Halophiles, biodiversity and sustainable exploitation." : Springer, 2015.
- **Amoozegar MA**, Maliheh Mehrshad, and Hossein Akhondi. "Microbial degradation of synthetic dyes in wastewaters." : Springer, 2014.
- Ghazanfari, nooshinsadat, and **Amoozegar MA**. "current research topics in applied microbiology and microbial biotechnology ." : World scientific publishing, 2007.

### Articles:

Viver T, Orellana L, González-Torres P, Díaz S, Urdiain M, Farías ME, Benes V, Kaempfer P, Shahinpei A, **Amoozegar MA**, Amann R. Genomic comparison between members of the Salinibacteraceae family, and description of a new species of Salinibacter (*Salinibacter altiplanensis* sp. nov.) isolated from high altitude hypersaline environments of the Argentinian Altiplano. Systematic and applied microbiology. 2018 Jan 31.

de la Haba RR, Corral P, Sánchez-Porro C, Infante-Domínguez C, Makkay AM, **Amoozegar MA**, Ventosa A, Papke RT. Genotypic and lipid analyses of strains from the archaeal genus Halorubrum reveal insights into their taxonomy, divergence and population structure. Frontiers in Microbiology. 2018;9:512.

Jebelli MA, Maleki A, **Amoozegar MA**, Kalantar E, Gharibi F, Darvish N, Tashayoe H. Isolation and identification of the native population bacteria for bioremediation of high levels of arsenic from water resources. Journal of environmental management. 2018 Feb;212:39-45.

Nasr S, Mohammadimehr M, Vaghei MG, **Amoozegar MA**, Fazeli SA. Aureobasidium mangrovei sp. nov., an ascomycetous species recovered from Hara protected forests in the Persian Gulf, Iran. Antonie van Leeuwenhoek. 2018 Mar 6:1-9.

Khansha J, Ranjbaran M, **Amoozegar MA**. Isolation and identification of halophilic and halotolerant bacteria from Badab-e Surt Travertine Spring, Kiasar, Iran, and investigation of calcite biomineralization induction. Geomicrobiology Journal. 2018 Jan 2;35(1):64-73.

Nasrollahzadeh Z, Saleh-Ghamari E, Tahmaseb M, **Amoozegar MA**. Bioassay and Molecular Screening of Pectinase Enzyme in halophilic bacteria from Salt Lake, Iran.

Mirfeizi L, **Amoozegar MA**, Pourbabaee AA, Babavalian H, Masoozadeh, M. Isolation of *Halobacillus trueperi* DS1 a siderophore producing halophilic bacterium. Romanian Archives of Microbiology and Immunology. 2016 July-December 75;3-4:109-114

Mehrshad M, Rodriguez-Valera F, **Amoozegar MA**, López-García P, Ghai R. The enigmatic SAR202 cluster up close: shedding light on a globally distributed dark ocean lineage involved in sulfur cycling. The ISME Journal. 2018 Mar;12(3):655.

Wijayawardene NN, Hyde KD, Rajeshkumar KC, Hawksworth DL, Madrid H, Kirk PM, Braun U, Singh RV, Crous PW, Kukwa M, Lücking R, **Amoozegar MA**. Notes for genera: Ascomycota. Fungal diversity. 2017 Sep 1;86(1):1-594.

**Amoozegar MA**, Siroosi M, Atashgahi S, Smidt H, Ventosa A. Systematics of haloarchaea and biotechnological potential of their hydrolytic enzymes. *Microbiology*. 2017 May 26.

Dastgheib SM, Tirandaz H, Nikou MM, Ramezani M, Shavandi M, **Amoozegar MA**, Ventosa A. *Prauserella oleivorans* sp. nov., a halophilic and thermotolerant crude-oil-degrading actinobacterium isolated from an oil-contaminated mud pit. *International journal of systematic and evolutionary microbiology*. 2017 Aug 31;67(9):3381-6.

Rezaeeyan Z, Safarpour A, **Amoozegar MA**, Babavalian H, Tebyanian H, Shakeri F. High carotenoid production by a halotolerant bacterium, *Kocuria* sp. strain QWT-12 and anticancer activity of its carotenoid. *EXCLI J*. 2017; 16: 840–851.

Naghoni A, Emtiazi G, **Amoozegar MA**, Rasooli M, Etemadifar Z, Fazeli SA, Minegishi H, Ventosa A. *Natronoarchaeum persicum* sp. nov., a haloarchaeon isolated from a hypersaline lake. *International journal of systematic and evolutionary microbiology*. 2017 Aug 25;67(9):3339-44.

Naghoni A, Emtiazi G, **Amoozegar MA**, Cretoiu MS, Stal LJ, Etemadifar Z, Fazeli SA, Bolhuis H. Microbial diversity in the hypersaline Lake Meyghan, Iran. *Scientific reports*. 2017 Sep 14;7(1):11522.

Papizadeh M, Wijayawardene NN, **Amoozegar MA**, Saba F, Fazeli SA, Hyde KD. *Neocamarosporium jorjanensis*, *N. persepolisi*, and *N. solicola* spp. nov. (Neocamarosporiaceae, Pleosporales) isolated from saline lakes of Iran indicate the possible halotolerant nature for the genus. *Mycological Progress*. 2017:1-9.

Ashraf S, Soudi MR, **Amoozegar MA**, Nikou MM, Spröer C. *Paenibacillus xanthanilyticus* sp. nov., a xanthan-degrading bacterium isolated from soil. *International journal of systematic and evolutionary microbiology*. 2017 Nov 14.

Nasr S, Mohammadimehr M, Vaghei MG, **Amoozegar MA**, Fazeli SA, Yurkov A. *Jaminaea pallidilutea* sp. nov. (Microstromatales), a basidiomycetous yeast isolated from plant material of mangrove forests in Iran. *International journal of systematic and evolutionary microbiology*. 2017 Sep 21;67(11):4405-8.

Etesami E, Saba F, Noroozi M, **Amoozegar MA**, Khaniki GB, Fazeli SA. Caspian Sea's *Navicula salinicola* Hustedt 1939 and effect of the prolonged culture on its fatty acid profile. *International Journal of Aquatic Biology*. 2017 Oct 4;5(4):268-74.

Rafieyan S, **Amoozegar MA**, Shavandi M, Kazemi H, Bamorowat M. Evaluation of organophosphorus pesticide biodegradation by halophilic bacteria.

Selseleh HK, **Amoozegar MA**, Asad S. Evaluation of biodecolorization of the textile azo dye by halophilic archaea.

Shirsalimian MS, Sepahy AA, **Amoozegar MA**, Kalantar SM, Dabbagh R. Isolation of a Mesophilic and Halotolerant Strain of *Kocuriapolaris* From Gandom Beryan Area in the Lut Desert of Iran, Moderately Resistant to Gamma Radiation and Desiccation. *Biosciences Biotechnology Research Asia*. 2016 Dec 22;13(4):2343-50.

**Amoozegar MA**, Siroosi M, Atashgahi S, Smidt H, Ventosa A. Systematics of haloarchaea and biotechnological potential of their hydrolytic enzymes. *Microbiology*. 2017 May 26.

Makzum S, **Amoozegar MA**, Dastgheib SM. Isolation and identification of obligately chemolithoautotrophic, haloalkaliphilic bacterium *Thioalkalivibrio* sp. strain EMA and optimizing its thiosulfate removal activity in haloalkaliphilic condition.

Noroozi M, **Amoozegar MA**, Rahimi R, Fazeli SA, Bakhshi Khaniki G. The isolation and preliminary characterization of native cyanobacterial and microalgal strains from lagoons contaminated with petroleum oil in Khark Island. *Biological Journal of Microorganism*. 2017 Jan 1;5(20).

Ghiasian, M., Akhavan Sepahy, A., **Amoozegar, M. A.**, Saadatmand, S., & Shavandi, M. (2017). Bacterial diversity determination using culture-dependent and culture-independent methods. *Global Journal of Environmental Science and Management*, 3(2), 153-164.

Salehghamri E, **Amoozegar MA**. Optimization of lipase production in *Salinivibrio* sp. SA2 by Taguchi design. *Nova biologica reperta*. 2017. 3 (4):288-294.

Tafakori V. Zadmard R. Tabandeh F. **Amoozegar MA**. Ahmadian Gh. Equilibrium isotherm, kinetic modeling optimization and characterization studies of cadmium adsorption by surface-engineered *Escherichia coli*. *Iranian Biomedical Journal*. 2017

Mashhadi S, Moshtaghi Nikou M, **Amoozegar MA**, Danesh A. Isolation and Identification of a Rare Actinomycete with Antibacterial Activity from Saline Region of Iran. *Research in Molecular Medicine*. 2016 Jul 15;4(3):10-6.

Ramezani M, Hosseini SM, Ferrocino I, **Amoozegar MA**, Cocolin L. Molecular investigation of bacterial communities during the manufacturing and ripening of semi-hard Iranian Liqvan cheese. *Food Microbiology*. 2017 66:64-71.

Shirsalimian MS, **Amoozegar MA**, Akhavan Sepahy A, Kalantar SM, Dabbagh R. Isolation of extremely halophilic Archaea from a saline river in the Lut desert, moderately resistant to desiccation and gamma radiation. *Microbiology*. 2017 86:403-41.

Jebeli MA, Maleki A, **Amoozegar MA**, Kalantar E, Izanloo H, Gharibi F. *Bacillus flexus* strain As-12, a new arsenic transformer bacterium isolated from contaminated water resources. *Chemosphere*. 2017 Feb 28;169:636-41.

Shahinpei A, **Amoozegar MA**, Fazeli SA, Schumann P, Spröer C, Ventosa A. *Aliidiomarina sedimenti* sp. nov., a haloalkaliphilic bacterium in the family *Idiomarinaceae*. *International Journal of Systematic and Evolutionary Microbiology*. 2017 Jan 4.

Jebelli MA, Maleki A, **Amoozegar MA**, Kalantar E, Shahmoradi B, Gharibi F. Isolation and identification of indigenous prokaryotic bacteria from arsenic-contaminated water resources and their impact on arsenic transformation. *Ecotoxicology and Environmental Safety*. 2017 Jun 30;140:170-6.

Naghoni A, Emtiazi G, **Amoozegar MA**, Etemadifar Z, Fazeli SA. REP-PCR Analysis to Study Prokaryotic Biodiversity from Lake Meyghan. *INTERNATIONAL LETTERS OF NATURAL SCIENCES*. 2017 Jan 1;61:69-84.

Saba F, Papizadeh M, Khansha J, Sedghi M, Rasooli M, **Amoozegar MA**, Soudi MR, Fazeli SA. A Rapid and Reproducible Genomic DNA Extraction Protocol for Sequence-Based

Identification of Archaea, Bacteria, Cyanobacteria, Diatoms, Fungi, and Green Algae. *Journal of Medical Bacteriology*. 2017 Jan 13;5(3-4):22-8.

**Amoozegar MA**, Khansha J, Mehrshad M, Fazeli SA, Ramezani M, Rafael R, Sánchez-Porro C, Ventosa A. *Soortia roseihalophila* gen. nov., sp. nov., a new taxon in the order Balneolales isolated from a travertine spring, and description of Soortiaceae fam. nov. *International journal of systematic and evolutionary microbiology*. 2017 Feb 20;67(01):113-20.

Zarparvar P, **Amoozegar M.A.**, Babavalian H, Fallahian MR, Tebyanian H. Isolation and identification of culturable halophilic bacteria with producing hydrolytic enzyme from Incheh Broun hypersaline wetland in Iran. *Cellular & Molecular Biology*. 2016, 62, 31-36.

Hyde K D, **Amoozegar M.A.**, et al, Fungal diversity notes 367-490: taxonomic and phylogenetic contributions to fungal taxa. *Fungal Diversity*. 2016, 80:1-270.

Zolfaghar M, **Amoozegar M.A.**, Khajeh, K. Production of extracellular L-asparaginase by halophilic bacterium *Vibrio* sp. *Biological journal of Microorganism*. 2016, 5: 41-54.

Siroosi M, **Amoozegar M.A.**, Khajeh K., Purification and characterization of an alkaline chloride-tolerant laccase from a halotolerant bacterium, *Bacillus* sp. strain WT. *Journal of Molecular Catalysis B: Enzymatic*. 134: 89-97, 2016

Sedghi M, Saba F, Noroozi M, **Amoozegar M.A.**, Shahzadeh Fazeli S.A. Isolation, morphological and molecular identification of *Dunaliella* species in Hoz-e Soltan and Aranva-Bidgol salt Lakes (Iran). *Rostaniha* 17(1):70-77, 2016

Saba F., Noroozi M., Ghahremaninejad F, **Amoozegar M.A.** Sedghi M, Shahzadeh Fazeli S. A. Papizadeh M, Isolation, purification and identification of three diatom species (Bacillariophyceae) from Gomishan wetland (N. Iran) using phylogeny and silica cell wall ultra-structure analysis. *Rostaniha* 17(1):28-39, 2016

Khansha J, **Amoozegar M.A.** Ranjbaran M. Study of biomineralization on badab Sourt travertine deposit spring, Kiasar, Mazandaran Province. *Biological Journal of Microorganism*, 5<sup>th</sup> Year N0. 17, Spring 2016

Saba F, Papizadeh M, Khansha J, Sedghi M, Rasooli M, **Amoozegar M.A.**, Soudi MR, Fazeli SA. A Rapid and Reproducible Genomic DNA Extraction Protocol for Sequence-Based Identification of Archaea, Bacteria, Cyanobacteria, Diatoms, Fungi, and Green Algae. *Journal of Medical Bacteriology*. 2016 Sep 4;5(3, 4):22-8.

Salmani BK, **Amoozegar M.A.**, Babavalian H, Tebyanian H, Shakeri F. Removing lead from Iranian industrial wastewater. *International Letters of Natural Sciences*. 2016;57.

Makzum S, **Amoozegar M.A.**, Dastgheib SM, Babavalian H, Tebyanian H, Shakeri F. Study on haloalkaliphilic sulfur-oxidizing bacterium for thiosulfate removal in treatment of sulfidic spent caustic. *International Letters of Natural Sciences*. 2016;57.

**Amoozegar M.A.**, Bagheri M, Makhdoumi A, Mehrshad M, Didari M, Schumann P, Spröer C, Sánchez-Porro C, Ventosa A. *Oceanobacillus longus* sp. nov., a novel moderately halophilic bacterium isolated from a salt lake. *International Journal of Systematic and Evolutionary Microbiology*. 2016, 66: 4225-4230.

Rasooli M, **Amoozegar M.A.**, Sepahy AA, Babavalian H, Tebyanian H. Isolation, identification and extracellular enzymatic activity of culturable extremely halophilic archaea and bacteria of IncheBoroun wetland. *International Letters of Natural Sciences*. 2016;56.

Shirazian P, Asad S, **Amoozegar M.A.** The potential of halophilic and halotolerant bacteria for the production of antineoplastic enzymes: L-asparaginase and L-glutaminase. *EXCLI JOURNAL*. 2016 Jan 1;15:268-79.

Eslami M, **Amoozegar M.A.**, Asad S. Isolation, cloning and characterization of an azoreductase from the halophilic bacterium *Halomonas elongata*. *International journal of biological macromolecules*. 2016 Apr 30;85:111-6.

Mehrshad M, **Amoozegar M.A.**, Ghai R, Fazeli SA, Rodriguez-Valera F. Genome reconstruction from metagenomic datasets reveals novel microbes in the brackish waters of the Caspian Sea. *Applied and environmental microbiology*. 2016 Jan 4:AEM-03381.

**Amoozegar M.A.**, Bagheri M, Makhdoumi A, Nikou MM, Fazeli SA, Schumann P, Spröer C, Sanchez-Porro C, Ventosa A. *Oceanobacillus halophilus* sp. nov., a novel moderately halophilic bacterium from a hypersaline lake. *International journal of systematic and evolutionary microbiology*. 2016 Mar 1;66(3):1317-22.

**Amoozegar M.A.**, Shahinpei A, Fazeli SA, Schumann P, Spröer C, Ventosa A. *Aliidiomarina iranensis* sp. nov., a haloalkaliphilic bacterium from a coastal-marine wetland. *International journal of systematic and evolutionary microbiology*. 2016 May 1;66(5):2099-105.

Hoseinifar SH, Mirvaghefi A, **Amoozegar M.A.**, Merrifield DL, Ringø E. In vitro selection of a synbiotic and in vivo evaluation on intestinal microbiota, performance and physiological response of rainbow trout (*Oncorhynchus mykiss*) fingerlings. *Aquaculture Nutrition*. 2015 Dec 1.

Mehrshad M, **Amoozegar M.A.**, Makhdoumi A, Fazeli SA, Farahani H, Asadi B, Schumann P, Ventosa A. *Halosiccatus urmianus* gen. nov., sp. nov., a novel haloarchaeon from a salt lake. *International journal of systematic and evolutionary microbiology*. 2015 Nov 23.

Corral P, Rafael R, Sánchez-Porro C, **Amoozegar M.A.**, Papke RT, Ventosa A. *Halorubrum halodurans* sp. nov., an extremely halophilic archaeon isolated from a hypersaline lake. *International journal of systematic and evolutionary microbiology*. 2015 Nov 3.

Crous, PW, **Amoozegar M.A.**, et al, Fungal planet description sheets: 281-319. *Persoonia*. 2015, 33:212-289.

Tirandaz H, Dastgheib SM, **Amoozegar M.A.**, Shavandi M, Rafael R, Ventosa A. *Pseudorhodoplanes sinuspersici* gen. nov., sp. nov., isolated from oil-contaminated soil of Siri Island, Persian gulf. *International journal of systematic and evolutionary microbiology*. 2015 Sep 29.

Parsa Yeganeh L, Azarbaijani R., Mousavi H., Shahzadeh Fazeli S.A., **Amoozegar M.A.**, Hosseini Salekdeh G. Genome-Wide Analysis of *Oceanimonas* sp. GK1 Isolated from Gavkhouni Wetland (Iran) Demonstrates Presence of Genes for Virulence and Pathogenicity. *CELL JOURNAL(Yakhteh)*. 2015, 451-460

Hoseinifar SH, Mirvaghefi A, **Amoozegar M.A.**, Sharifian M, Esteban MÁ. Modulation of innate immune response, mucosal parameters and disease resistance in rainbow trout



(*Oncorhynchus mykiss*) upon synbiotic feeding. Fish & shellfish immunology. 2015 Jul 31;45(1):27-32.

Moshtaghi Nikou M., Ramezani M., **Amoozegar M. A.**, Rasouli M., Shahzadeh Fazeli S.A., Schumann P., Rafael R., Ventosa A. *Salininema proteolyticum* gen. nov., sp. nov., a novel halophilic rare actinomycete isolated from Meighan wetland and emended description of the family Glycomycetaceae. Int. J. Syst. Evol. Microbiol. 2015, 65, 3727-3733.

Mehrshad M., **Amoozegar M.A.**, Makhdoumi A., Rasooli M., Asadi B., Schumann P., Ventosa A. *Halovarius luteus* gen. nov., sp. nov., a novel extremely halophilic archaeon from Urmia salt lake, Iran. Int. J. Syst. Evol. Microbiol. 2015, 65, 2420-2425.

Corral P., Rafael R, Sánchez-Porro C., **Amoozegar M.A.**, Papke R.T., Ventosa A. *Halorubrum persicum* sp. nov., an extremely halophilic archaeon isolated from sediment of a hypersaline lake Int. J. Syst. Evol. Microbiol. 2015, 65, 1770-1778.

Ramezani M., **Amoozegar M. A.**, Ventosa A. Screening and comparative assay of poly-hydroxyalkanoates produced by bacteria isolated from the Gavkhooni Wetland in Iran and evaluation of poly- $\beta$ -hydroxybutyrate production by halotolerant bacterium *Oceanimonas* sp. GK1. Annals of Microbiology. 2015, 65, 517-526.

Vafadarnejad E., **Amoozegar M.A.**, Khansha J., Fallahzadeb R. The rad2 gene of haloarchaeum *Halobacterium salinarum* is functional in the repair of ultraviolet light induced DNA photoproducts. Microbiological Research. 2015, 173, 44-49.

Moshtaghi Nikou M., Ramezani M., **Amoozegar M. A.**, Rasooli M., Shahzadeh Fazeli S.A. Harirchi S., Schumann P., Spröer C., Ventosa A. *Nocardia halotolerans* sp. nov., a halotolerant actinomycete isolated from saline soil. Int. J. Syst. Evol. Microbiol. 2015, 65, 3148-3154.

Sarvari S., Seyedjafari M., **Amoozegar M. A.**, Bakhshandeh B. The effect of moderately halophilic bacteria supernatant on proliferation and apoptosis of cancer cells and mesenchymal stem cells. Cellular & Molecular Biology. 2015, 61, 30-34.

Irannejad S., Akhavan Sepahy A., **Amoozegar M. A.**, Tukmechi A., Moghanjoghi AAM. Isolation and identification of halophilic bacteria from Urmia Lake in Iran. Iranian Journal of Fisheries Sciences. 2015, 14, 45-59.

**Amoozegar M. A.**, Makhdoumi-Kakhki A., Mehrshad M., Rasooli M., Shahzadeh Fazeli S.A., Spröer C., Ventosa A. *Halovivax cerinus* sp. nov., an extremely halophilic archaeon from a hypersaline lake. Int. J. Syst. Evol. Microbiol. 2015, 65, 65-70.

Zamani P., **Amoozegar M.A.**, Khajeh K. Cloning and expression of Laccase enzyme from *Bacillus anthracis* strain QZA2. J. Cell. Mol. Res. (Iranian Journal of Biology). 2015, 28, 54-64.

Abavisani N., **Amoozegar M. A.**, Dastgheib S.M.M. Isolation and identification of haloalkaliphilic phenol degrading bacteria and evaluating their applicability. Biological Journal of Microorganisms. 2015, 4, 25-36.

Fazeli M., **Amoozegar M. A.**, Habibi Rezaei M., Siroosi M. Production of an extracellular halophilic pullulanase by *Halorubrum* sp. strain Ha25 isolated from Aran-Bidgol lake. J. Cell. Mol. Res. (Iranian Journal of Biology). 2015, 27, 533-545.

Akhavan Sepahy A., Irannejad S. **Amoozegar M.A.**, Tukmechi A. The presentation of novel strains of halophile bacteria *Salinivibrio* sp. from Urmia lake. J. Cell. Mol. Res. (Iranian Journal of Biology). 2015, 27, 335 -345.

Jookar Kashi F., Owlia P. **Amoozegar M.A.**, Yakhchali B. Culturable prokaryotic diversity of Urmia salt lake. Novin Genetic. 2015, 9, 313-328.

Zarparvar P., **Amoozegar M. A.**, Moshtaghi Nikou M., Schumann P., Ventosa A. *Salinithrix halophila* gen. nov., sp. nov., a halophilic bacterium in the family Thermoactinomycetaceae. Int. J. Syst. Evol. Microbiol. 2014, 64, 4115-4119.

Babavalian H., **Amoozegar M.A.**, Zahraei S., Rohban R., Shakeri F, Moosazadeh Moghaddam M. Comparison of Bacterial Biodiversity and Enzyme Production in Three Hypersaline Lakes; Urmia, Howz-Soltan and AranBidgol. Indian journal of microbiology. 2014, 54, 444 -449.

Shahinpei A., **Amoozegar M.A.**, Shahzadeh Fazeli S.A., Schumann P., Ventosa A. *Salinispirillum marinum* gen. nov., sp. nov., a haloalkaliphilic bacterium in the family 'Saccharospirillaceae' Int. J. Syst. Evol. Microbiol. 2014, 64, 3610-3615.

Motesharrei Z., **Amoozegar M.A.** Bioremediation of tellurite in presence of toxic oxyanions by halophilic and halotolerant bacteria. Advances in Agriculture, Sciences and Engineering Research. 2014, 4, 1437-1444.

**Amoozegar M.A.**, Bagheri M., Didari M, Mehrshad M, Schumann P., Spröer C., Sánchez - Porro C., Ventosa A. *Aquibacillus halophilus* gen. nov., sp. nov., a moderately halophilic bacterium from a hypersaline lake, and reclassification of *Virgibacillus koreensis* as *Aquibacillus koreensis* comb. nov. and *Virgibacillus albus* as *Aquibacillus albus* comb. nov. Int. J. Syst. Evol. Microbiol. 2014, 64, 3616-3623.

Alavi S., **Amoozegar M.A.**, Khajeh K. Enzyme (s) responsible for tellurite reducing activity in a moderately halophilic bacterium, *Salinicoccus iranensis* strain QW6. Extremophiles. 2014, 18, 953-961.

**Amoozegar M.A.**, Shahinpei A., Akhavan Sepahy A., Makhdoumi-Kakhki A., Seyedmahdi S., Schumann P., Ventosa A. *Pseudomonas salegens* sp. nov., a halophilic member of the genus *Pseudomonas* isolated from a wetland. Int. J. Syst. Evol. Microbiol. 2014, 64, 3565-3570.

**Amoozegar M.A.**, Makhdoumi-Kakhki A., Mehrshad M., Riazi S., Ventosa A. *Halovivax limisalsi* sp. nov., an extremely halophilic archaeon from hypersaline mud. Int. J. Syst. Evol. Microbiol. 2014, 64, 3422-3426.

Jookar Kashi F., Owlia P., **Amoozegar M.A.**, Yakhchali B., Kazemi B. Diversity of cultivable microorganisms in the eastern part of Urmia salt lake, Iran. The Journal of Microbiology, Biotechnology and Food Sciences. 2014, 4, 36-43.

**Amoozegar M.A.**, Bagheri M., Makhdoumi-Kakhki A., Didari M., Schumann P., Moshtaghi Nikou M., Sánchez-Porro C., Ventosa A. *Aliicoccus persicus* gen. nov., sp. nov., a halophilic member of the Firmicutes isolated from a hypersaline lake. Int. J. Syst. Evol. Microbiol. 2014, 64, 1964-1969.

Asad S., Dastgheib SMM., **Amoozegar M.A.** Optimization for decolorization of azo dye Remazol Black B by a *Halomonas* strain using the Taguchi approach. Progress in Biological Sciences. 2014, 4, 33-42.

**Amoozegar M.A.**, Bagheri M., Makhdoumi-Kakhki A., Didari M., Schumann P., Spröer C., Sánchez-Porro C., Ventosa A. *Oceanobacillus limi* sp. nov., a moderately halophilic bacterium from a salt lake. *Int. J. Syst. Evol. Microbiol.* 2014, 64, 1284-1289.

Moshtaghi Nikou M., Ramezani M., **Amoozegar M.A.**, Shahzadeh Fazeli S.A., Schumann P., Spröer C., Sánchez-Porro C., Ventosa A. *Alloactinosynnema iranicum* sp. nov., a rare actinomycete isolated from a hypersaline wetland, and emended description of the genus *Alloactinosynnema*. *Int. J. Syst. Evol. Microbiol.* 2014, 64, 1173-1179.

Shahinpei A., **Amoozegar M.A.**, Akhavan Sepahy A., Schumann P., Ventosa A. *Cyclobacterium halophilum* sp. nov., a marine bacterium isolated from a coastal-marine wetland. *Int. J. Syst. Evol. Microbiol.* 2014, 64, 1000-1005.

**Amoozegar M.A.**, Makhdoumi-Kakhki A., Mehrshad A., Shahzadeh Fazeli S.A., Spröer C., Ventosa A. *Halorientalis persicus* sp. nov., an extremely halophilic archaeon isolated from a salt lake and emended description of the genus *Halorientalis*. *Int. J. Syst. Evol. Microbiol.* 2014, 64, 940-944.

Siroosi M., **Amoozegar M.A.**, Khajeh K., Fazeli M., Habibi Rezaei M. Purification and characterization of a novel extracellular halophilic and organic solvent-tolerant amylopullulanase from the haloarchaeon, *Halorubrum* sp. strain Ha25. *Extremophiles.* 2014, 18, 25-33.

Alavi S., **Amoozegar M.A.**, Khajeh K. Investigation and partial purification of tellurite reducing enzyme from a moderately halophilic bacterium *Salinicoccus iranensis*. *Biological Journal of Microorganisms.* 2014, 3, 1-20.

Zamani P., **Amoozegar M.A.**, Khajeh K. Cloning and expression of Laccase enzyme from *Bacillus pumilus* strain GAZ23. *J. Cell. Mol. Res. Biological Journal of Microorganisms.* 2014, 3, 1-10.

**Amoozegar M.A.**, Mehrshad, M. Inventory of new microbial taxa from Iran. *Progress in Biological Sciences.* 2013, 3, 1-26.

**Amoozegar M.A.**, Didari M., Bagheri M., Shahzadeh Fazeli S.A., Schumann P., Cathrin Spröer., SánchezPorro C., Ventosa A. *Bacillus salsus* sp. nov., a halophilic bacterium from a hypersaline lake. *Int. J. Syst. Evol. Microbiol.* 2013, 63, 3324-3329.

**Amoozegar M.A.**, Makhdoumi-Kakhki, A., Mehrshad M., Shahzadeh Fazeli S.A., Ventosa A. *Halopenitus malekzadehii* sp. nov., an extremely halophilic archaeon isolated from a salt lake. *Int. J. Syst. Evol. Microbiol.* 2013, 63, 3232-3236.

Babavalian, H., **Amoozegar M.A.**, Pourbabaee, A.A., Moosazadeh M., Shakeri F. Isolation and identification of moderately halophilic bacteria producing hydrolytic enzymes from the largest hypersaline playa in Iran. *Microbiology* 2013, 82, 466-474.

Sharghi EA, Bonakdarpour B, Roustazade P, **Amoozegar M.A.**, Rabbani AR. The biological treatment of high salinity synthetic oilfield produced water in a submerged membrane bioreactor using a halophilic bacterial consortium. *Journal of Chemical Technology and Biotechnology.* 2013 Nov 1;88(11):2016-26.

Bagheri M., **Amoozegar M.A.**, Schumann P., Didari M., Makhdoumi-Kakhi A., Schumann P., Spröer C., Sánchez-Porro C., Ventosa A. *Marinobacter persicus* sp. nov., a moderately

halophilic bacterium from a saline lake in Iran. *Antonie. Van Leeuwenhoek*. 2013, 104, 47-54.

Mehrshad. M., **Amoozegar. M. A.**, Didari. M., Bagheri. M., Shahzadeh Fazeli. S. A., Schumann. P., Spröer. C., Sánchez-Porro. C., Ventosa. A. *Bacillus halosaccharovorans* sp. nov., a moderately halophilic bacterium from a hypersaline Iranian lake. *Int J Syst Evol Microbiol* 2013, 63, 2776-2781.

**Amoozegar M.A.**, Bagheri M., Didari M., Shahzadeh Fazeli S.A., Schumann P., Sánchez-Porro C., Ventosa A. *Saliterribacillus persicus* gen. nov., sp. nov., a moderately halophilic bacterium isolated from the Iranian hypersaline lake Aran-Bidgol. *Int. J. Syst. Evol. Microbiol.* 2013, 63, 345-351.

**Amoozegar M.A.**, Makhdoumi-Kakhki A., Ramezani M., Shahzadeh Fazeli S.A., Schumann P., Ventosa A. *Limimonas halophila* gen. nov., sp. nov., an extremely halophilic bacterium in the family Rhodospirillaceae. *Int. J. Syst. Evol. Microbiol.* 2013, 63, 1562-1567.

Siroosi M., **Amoozegar M.A.**, Khajeh K. Habibi Rezaei M., Fazeli M. Purification and characterization of an extracellular halophilic and organic solvent-tolerant amylopullulanase from a haloarchaeon, *Halorubrum* sp. strain Ha25. *Biological Journal of Microorganisms*. 2013, 2, 1-14.

Khodabaksh F., Nazeri S., **Amoozegar M.A.** Investigation of resistant to the nickel and some toxic metals by moderately halophilic bacteria isolated from Aran-Bidgol salt lake and their phylogenetic characterization by 16S rDNA gene. *Medical Journal of Tabriz University of medical science and health services*. 2013, 35, 30-37.

Shahinpei A., **Amoozegar M.A.**, Akhavan-Sepahi A. Isolation and identification of polyextremophiles alkalophilic halophilic and halotolerant bacteria from alkaline thalassohaline Gomishan wetland. *Taxonomy and Biosystematics*. 2013, 5, 79-100.

**Amoozegar M.A.**, Samareh B., Shafiei M., Didari M., Hamed, J. Production of halothermotolerant  $\alpha$ -amylase from a moderately halophilic bacterium, *Nesterenkonia* strain F. *Progress in Biological Sciences*. 2012, 2, 85-97.

Didari M., **Amoozegar M.A.**, Bagheri M., Schumann P., Sánchez-Porro C., Ventosa A. *Alteribacillus bidgolensis* gen., nov., sp. nov., a moderately halophilic bacterium from Aran-Bidgol Lake, a hypersaline Iranian lake. *Int.J. Syst. Evol. Microbiol.* 2012, 62, 2691-2697.

Shafiei M., Ziaee A.A., **Amoozegar M.A.** Purification and characterization of a halophilic alfa amylase with increased activity in the presence of organic solvents from the moderately halophilic *Nesterenkonia* sp. strain F. *Extremophiles*, 2012, 16, 627-635.

Tafakori V, Ahmadian G, **Amoozegar M.A.** Surface display of bacterial metallothionins and a chitin binding domain on *Escheichia coli* increase cadmium adsorption and cell immobilization. *Appl Biochem Biotechnol.* 2012, 167, 462-473.

**Amoozegar M.A.**, Ghazanfari N., Didari M. Lead and cadmium bioremoval by *Halomonas* sp., an exopolysaccharide-producing halophilic bacterium. *Progress in Biological Sciences*. 2012, 2, 1-11.

Didari M., **Amoozegar M.A.**, Bagheri M., Mehrshad M., Schumann P., Spror C., Sánchez-Porro C., Ventosa A. *Bacillus persicus* sp. nov., a halophilic bacterium from a hypersaline Iranian lake. Int. J. Syst. Evol. Microbiol. 2012, 63, 1229-1234.

Bagheri M., **Amoozegar M.A.**, Schumann P., Didari M., Mehrshad M., Spror C., Sánchez-Porro C., Ventosa A. *Ornithinibacillus halophilus* sp. nov., a moderately halophilic Gram-positive endospore-forming bacterium from an Iranian hypersaline lake. Int. J. Syst. Evol. Microbiol. 2013, 63, 844-848.

**Amoozegar M.A.**, Makhdoumi-Kakhki A., Shahzede Fazeli S. A., Azarbaijani R., Ventosa A. *Halopenitus persicus* gen. nov., sp. nov., a novel archaeon from an inland salt lake in Iran. Int. J. Syst. Evol. Microbiol. 2012, 62, 1932-1936.

Dastgheib S.M.M., **Amoozegar M.A.**, Khajeh K., Shavandi M., Ventosa A. A Biodegradation of polycyclic aromatic hydrocarbons by a halophilic microbial consortium. Appl. Microbiol. Biotechnol. 2012, 95, 789-798.

Parsa L., Azarbaijani R., Sarikhan S., Mousavi H., Ramezani M., **Amoozegar M.A.**, Fazeli S. A., Salekdeh G. Complete genome of *Oceanimonas* sp. GK1, a halotolerant bacterium from Gavkhouni wetland in Iran. J. Bacteriol. 2012, 2123-2124.

Makhdoumi-Kakhki A., **Amoozegar M.A.**, Kazemi B., Pašić L., Ventosa A. Prokaryotic diversity in Aran-Bidgol salt lake, the largest hypersaline playa in Iran. Microbes and Environments. 2012, 27, 87-93.

Makhdoumi-kakhki A., **Amoozegar M.A.**, Bagheri M., Ramezani M., Ventosa A. *Haloarchaeobius iranensis* gen. nov., sp. nov., an extremely halophilic archaeon isolated from the saline lake Aran-Bidgol, Iran. Int. J. Syst. Evol. Microbiol. 2012, 62, 1021-1026.

Makhdoumi-kakhki A., **Amoozegar M.A.**, Ventosa A. *Salinibacter iranicus* sp. nov. and *Salinibacter luteus* sp. nov., isolated from a salt lake, and emended descriptions of the genus *Salinibacter* and *Salinibacter ruber*. Int. J. Syst. Evol. Microbiol. 2012, 62, 1521-1527.

Makhdoumi-kakhki A., **Amoozegar M.A.**, Ventosa A. *Halovenus aranensis* gen. nov., sp. nov., a novel extremely halophilic archaeon from Aran-Bidgol salt lake, Iran. Int. J. Syst. Evol. Microbiol. 2012, 62, 1331-1336.

Bagheri M., Didari M., **Amoozegar M.A.**, Schumann P., Sánchez-Porro C., Mehrshad M., Ventosa A. *Bacillus iranensis* sp. nov., a moderately halophilic bacterium from Aran-Bidgol Lake, a hypersaline Iranian lake. Int. J. Syst. Evol. Microbiol. 2012, 62, 811-816.

**Amoozegar M.A.**, Khoshnoodi M., Didari M., Hamed J., Ventosa A., Baldwin S. Tellurite removal by a tellurium-tolerant halophilic 5 bacterial strain, *Thermoactinomyces* sp. QS-2006. Ann Microbiol. 2012, 62, 1031-1037.

Roayaie Ardakani M., Poshtkohian A., **Amoozegar M.A.**, Zolgharnein H. Isolation of moderately halophilic *Pseudoalteromonas* producing extracellular hydrolytic enzymes from Persian gulf. Indian. J. Microbiol. 2012, 52, 94-98.

Hoseinfar S.H., Mirvaghefi A., **Amoozegar M.A.**, Merrifield D. L. Determination of the best symbiotic between probiotic bacteria *Pediococcus acidilactici* and probiotics inulin, oligofructose and xylooligosaccharide. Biological Journal of Microorganisms. 2012, 1, 1-12.

Khayat maher R., **Amoozegar M.A.**, Seyedmehdi S., Hamed J. Naghavi M.R., Foroozanfar F., Latifi A.M. Isolation and screening of phytotoxin producing actinomycetes

and determination of phytotoxin effect spectrum of selected strains. *Biology journal of microorganisms*. 2012, 1, 1-22.

Mehrshad M., **Amoozegar M.A.**, Yakhchali B., Shahzadeh Fazeli S. A. Biodiversity of moderately halophilic and halotolerant bacteria in the western coastal line of Urmia lake. *Biology Journal of Microorganisms*, 2012, 1, 49-70.

Sarikhan S., Azarbajiani R., Parsa L., Fazeli A., **Amoozegar M.A.**, Salekdeh G. Draft genome sequence of *Nesterenkonia* sp. strain F, isolated from Aran-Bidgol salt lake in Iran. *J. Bacteriol.* 2011, 5580.

Dastgheib S.M.M., **Amoozegar M.A.**, Khajeh K., Ventosa A. A halotolerant *Alcanivorax* sp. strain with potential application in saline soil remediation. *Appl. Microbiol. Biotechnol.* 2011, 90:305-312

Pourbabaee A., Bostani S., **Amoozegar M.A.**, Naddaf R. Decolorization of cibacron black w-55 under alkaline conditions by new strain of *Halomonas* sp. Isolated from textile effluent. *Iran. J. chem.. Eng.* 2011, 30:63-66.

Nosrati K., Ahmadi H., Sharifi F, **Amoozegar M.A.**, Mercks H., Vanmaercke M. An exploratory study on the use of enzyme activities as sediment tracers: biochemical fingerprints? *Int. J. Sediment. Res.* 2011, 26:136-151.

Makhdoumi Kakhki A., **Amoozegar M.A.**, Mahmodi Khaledi E. Diversity of hydrolytic enzymes in haloarchaeal strains isolated from salt lake. *Int. J. Environ. Sci.Tech.* 2011, 8:705-714.

**Amoozegar M.A.**, Hajighasemi M., Hamed J., Asad S., Ventosa A. Azo dye decolorization by halophilic and halotolerant microorganisms. *Ann Microbiol.* 2011, 61:217-230.

Khodabakhsh F., Nazeri S., **Amoozegar M.A.**, Khodakaramian Gh. Isolation of a moderately halophilic bacterium resistant to some toxic metals from Aran & Bidgol Salt Lake and its phylogenetic characterization by 16S rDNA gene. *Feyz.* 2011, 15:53-60.

Shafiei M., Ziaee A. , **Amoozegar M.A.** Purification and characterization of an organic-solvent-tolerant halophilic  $\alpha$ -amylase from the moderately halophilic *Nesterenkonia* sp. Strain F. *J Ind Microbiol Biotechnol.* 2011, 38, 275-281.

Karimsalmani B., **Amoozegar M.A.**, Hamed J. Biosorption of lead by bacterial strains isolated from petrochemical wastewater. *Journal of environmental sciences and technology.* 2011,13, 41-54.

Omidi B. Fazeli M.R. **Amoozegar M.A.**, Mortazavi P. Antidiabetic effect of probioticated Persian yellow carrot juice with *Lactobacillus acidophilus*. *Comparative Pathobiology.* 2011, 1, 395-402.

Massodinejad M.R., **Amoozegar M.A.**, Adibzadeh A., Khatibi M., Leili M. *Iranian Journal of Biolgy.* 2011, 6, 799-807.

Shafiei M., Ziaee, A., **Amoozegar M.A.**, Purification and biochemical characterization of a novel SDS and surfactant stable, raw starch digesting, and halophilic  $\alpha$ -amylase from a moderately halophilic bacterium, *Nesterenkonia* sp. strain F. *Process Biochem.* 2010, 45: 694-699.

Biria D., Maghsoudi E., Roostaazad R., Dadafarin H., Sahebghadam Lotfi A., **Amoozegar M.A.** Purification and characterization of a novel biosurfactant produced by *Bacillus licheniformis* MS3. World J. Microbiol. Biotechnol. 2010, 26, 871-878.

Sanchez-Porro C., **Amoozegar M.A.**, Babavalian H., Ramezani M., Ventosa A. *Lentibacillus persicus* sp. nov., a moderately halophilic species isolated from a saline lake in Iran. Int. J. Syst. Evol. Microbiol. 2010, 60: 1407-1412.

Yousefi Kebria D., Khodadadi A., Ganjidoust H, Badkoubi A., **Amoozegar M.A.** Isolation and characterization of a novel native Bacillus strain capable of degrading diesel fuel. Int. J. Environ. Sci. Tech. 2009. 6: 435 -442.

**Amoozegar M.A.**, Sanchez-Porro C., Rohban R., Hajighasemi M., Ventosa A. *Bacillus persepolensis* sp. nov., a moderately halophilic bacterium from a hypersaline lake in Iran. Int. J. Syst. Evol. Microbiol. 2009, 59:2352-2358.

Kabiri M., **Amoozegar M.A.**, Tabebordar M., Gilany K., Hosseini Salekdeh G. Effects of selenite and tellurite on growth, physiology and proteome of a moderately halophilic bacterium. J. Proteome Research. 2009, 8:3098-3108.

Sanchez-Porro C., **Amoozegar M.A.**, Rohban R., Hajighasemi M., Ventosa A. *Thalassobacillus cyri* sp. nov., a moderately halophilic Gram-positive bacterium from the hypersaline lake Howz-Soltan in Iran. Int. J. Syst. Evol. Microbiol. 2009, 59: 2365-2370.

**Amoozegar M.A.**, Sanchez-Porro C, Rohban R, Hajighasemi M, Ventosa A. *Piscibacillus halophilus* sp. nov., a moderately halophilic bacterium from a hypersaline Iranian lake. International journal of systematic and evolutionary microbiology. 2009 Dec 1;59(12):3095-9.

Rohban R., **Amoozegar M.A.**, Ventosa A. Screening and isolation of halophilic bacteria producing extracellular hydrolyses from Howz Soltan Lake, Iran. J ind Microbiol Biotechnol. 2009, 36:333-340.

Karbalaee-Heidari HR, **Amoozegar M.A.**, Hajighasemi M., Ziaee A.A., Ventosa A. Production, optimization and purification of a novel extracellular protease from the moderately halophilic bacterium *Halobacillus karajensis*. J ind Microbiol Biotechnol. 2009, 36: 21-27.

Babavalian fard H., **Amoozegar M.A.**, Pourbabaee, A.A. Isolation, Identification and characterization of moderately halophilic bacteria producing hydrolytic enzymes from Aran-Bidgol salt lake. Iranian Journal of Biology. 2009, 1, 24-45.,

**Amoozegar M.A.**, Salehghamari E., Khajeh K., Kabiri M., Naddaf S. Production of an extracellular thermohalophilic lipase from a moderately halophilic bacterium, *Salinivibrio* sp. strain SA-2. J Basic Microbiol. 2008, 48: 160-167.

**Amoozegar M.A.**, Schumann P., Hajighasemi M., Fatemi A.Z., Karbalaee-Heidari H.R. *Salinivibrio proteolyticus* sp. nov., a moderately halophilic and proteolytic species from a hypersaline lake in Iran. Int. J. Syst. Evol. Microbiol. 2008, 58:1159-1163.

Karbalaee-Heidary H., Ziaee A.A., **Amoozegar M.A.**, Cheburkin Y., Budisa N. Molecular cloning and sequence analysis of a novel zinc-metallaprotease gene from the *Salinivibrio* sp. strain AF-2004 and its extracellular expression in *E.coli*. Gene. 2008, 408:196-203.

Salehghamari E., **Amoozegar M.A.**, Khajeh K. Extracellular lipase production and optimization in a native moderately halophilic bacterium of Iran. *Iranian J Biol.* 2008, 5:909-917.

Dastghib S.M., **Amoozegar M.A.**, Elahi E., Asad S., Banat E. Bioemulsifier production by a halothermophilic *Bacillus* strain with potential applications in microbially enhanced oil recovery. *Biotechnology Letters.* 2007, 30:263-270.

**Amoozegar M.A.**, Shumann P., Ghasemi M., Razavi M.R. *Salinicoccus iranensis* sp. nov., a novel moderate halophile. *Int. J. Syst. Evol. Microbiol.* 2008, 58:178-183.

**Amoozegar M.A.**, Ghasemi A., Razavi M.A., Naddaf S. Evaluation of hexavalent chromium reduction by chromate resistant moderately halophile, *Nesterenkonia* sp strain F. *Process Biochemistry*, 2007, 42:1475-1479.

Ghadam P., Sharatian N., **Amoozegar M.A.**, Rabbani A., Shahriari S.H. Assaying the presence of Histone-like protein HU in *Halobacillus Karajensis*. *Pakistan Journal of Biological Sciences.* 2007,10:3380 -3384.

Karbalaei-Heidary H.M., Ziaee A.A., **Amoozegar M.A.** Purification and biochemical characterization of a protease secreted by the *Salinivibrio* sp. strain AF-2004 and its behavior in organic solvents, *Extremophiles*, 2007, 11:237-243.

Asad S., **Amoozegar M.A.**, Pourbabae A.A., Sarbolouki M.N., Dastgheib S.M.M. Decolorization of textile azo dyes by newly isolated halophilic and halotolerant bacteria. *Bioresource. Technol.* 2007, 98:2082-2088.

**Amoozegar M.A.**, Ashengroph M., Malekzadeh F., Razavi M.R., Naddaf S., Kabiri M. Isolation and initial characterization of the tellurite reducing by moderately halophilic bacterium, *Salinicoccus* sp strain QW6. *Microbiol. Res.*, 2008, 163:456-465.

Karbalaei-Heidary H.M., Ziaee A.A., **Amoozegar M.A.** Purification and characterization of an extracellular haloalkaline protease produced by the moderately halophilic bacterium, *Salinivibrio* sp. strain AF-2004. *Enz. Microb. Technol.* 2007, 40: 266-272.

**Amoozegar M.A.**, Fatemi A.Z., Karbalaei-Heidary H.M., Razavi M.R. Production of an extracellular alkaline metalloprotease from a newly isolated, moderately halophiles, *Salinivibrio* sp. strain AF-2004. *Microbiol. Res.* 2007, 162: 369-377.

Esmaelian B., Yari kamrani Y., **Amoozegar M.A.**, Rahmani S., Amanloo M. Anticariogenic properties of malvidin-3,5-diglucoside isolated from *Alcea longipedicellata* against oral bacteria. *Int. J . Pharmacol.* 2007, 3:468-474.

Asad S., **Amoozegar M.A.**, Pourbabai A.A., Sarbolouki M.N., Dastgheib S.M.M. Effects of various factors on the decolorization of textile azo dyes by newly isolated halophilic and halotolerant bacteria. *Iranian J Biol.* 2007, 1: 5-16.

**Amoozegar M.A.**, Hamedi J., Dadashpour M., Shariatpanahi S. Effect of salinity on the tolerance to toxic metals and oxyanions in native moderately Halophilic spore forming bacilli., *World J. Microbiol. Biotechnol.* 2005, 21: 1237-1243

**Amoozegar M.A.**, Malekzadeh F., Mailk K.A., Schumann P. *Halobacillus karajensis* sp. nov., a novel moderate halophile. *Int. J. Syst. Evol. Microbiol.* 2003, 53: 1059-1063.

**Amoozegar M.A.**, Malekzadeh F., Mailk K.A. Production of amylase by newly isolated moderate halophile, *Halobacillus* sp. strain MA-2. *J. Microbiol. Methods.* 2003, 3: 353-359.



**Amoozegar M.A.**, Ashengroph M., Malekzadeh F. The isolation of telluroresistant native moderately halophilic bacteria and the impacts of salinity and selenium salts on the resistance. *Journal of Environmental Studies*. 2007, 33: 17-24.

**Amoozegar M.A.**, Ashengroph M., Malekzadeh F. Effect of various factor on tellurite removal by a newly isolated Halophilic bacterium, *Salinicoccus* sp. strain QW6. *J. science*. 2006, 32:57-63.

**Amoozegar M.A.**, Hamedi J., Malekzadeh F., Dadashipour M., Shariatpanahi S. Survey of toxic oxyanions tolerance in native moderately Halophilic spore forming bacilli and effect of salinity on this tolerance, *J. Science*. 2005, 30:517-227.

**Amoozegar M. A.**, Malekzadeh F. Effect of salt and carbon resoures in amylase production by new moderate halophile *Bacillus* sp.strain MA. *Journal of Science*. 2003

**Amoozegar M. A.** ,Akhavan, Akhavan. Isolation and identification of banzen degrading halotolerant bacteria from oil soil of Qom. *Microbiological Science*. 2009

Mazaheri, **Amoozegar M. A.** , Arabian. Effect of different parameters in exopolysaccharide producnew moderate halotolerant bacteria, strain Ilam E1P1. *Journal of Science*. 2006

**Amoozegar M. A.**, Fatemi, Heidari. Effect of different factors in production of alkaline metalloproteinase in new halotolerant *Salinivibrio* sp. strain AF-2004. *Journal of Science*. 2006

**Amoozegar M. A.**, Soudi, Malekzadeh. *Halomonas* sp. strain MAM a strain with high resistancy to toxic oxyanions. *Journal of Science*. 2007

Rasooli, **Amoozegar M. A.** , Akhavan. Isolation and identification of cultivable obligatory halophile archaea from incheboroun wetland, Golestan province. *Taxonomy and biosystematics*. 2013

Moteshareei, **Amoozegar M. A.** The comparison between halotolerant bacteria *H.elongata* and moderate halophile *E.faecalis* and *P.aeurogenosa* in tellurite removal in presence of seleno oxyanions and arsenate. *Environment science and technology*. 2010

Khomar baghi, **Amoozegar M. A.** , Shavandi, Dastgheib, Tirandaz. Ability of native bacteria from siri iland soil in oil pollution removal. *Oil Research*. 2015

### **Abstract:**

- Amozegar, Mohammad. "Antimicrobial peptides from the skin of *Hirudo medicinalis* and *Lumbricus terrestris* under stress conditions." 7th Iranian Biology Conference, Esfahan, August 22-24, 1998 .
- Amozegar, Mohammad. "The study of experimental colonization of *H.pylori* on Rabbit stomach." 3RD louis pasteur conference, Evolution of phatogens and their hosts, Paris, October 5-7, 2000 .
- Amozegar, Mohammad. "Elimination and recovery of uraniumm ,Lead,Cadmium, Nickle and Silver from industrial effluents , by *Bacillus lechinoformis*." International Environmental Engineering Symposium, Tehran, January 17-19, 2001 .
- Malek zadeh , Fereydoun , Mohammad Amozegar, and Ahmad Ali Pourbabae Pourbabaei. "Amylase production by newly isolated moderately halophilic *Bacillus* Sp. Strain MA.." ASM 101st General meeting, Florida, May 22-24, 2001 .

- Amozegar, Mohammad. "Amylase production by newly isolated moderately halophilic *Bacillus* sp. strain MA-2001." 101th General Meeting ASM, Orlando, May 20-24, 2001 .
- Amozegar, Mohammad. "Effect of environmental factors on selenite tolerance in *Halomonas* sp. strain MAM." International Conference of Halophiles, SPAIN, Sevilla, September 23-27, 2001 .
- Amozegar, Mohammad. "Halomonas sp. strain MAM highly tolerance to oxianion." International Conference of Halophiles, Sevilla, September 23-27, 2001 .
- Amozegar, Mohammad. "The effect of Tween 80 on the capsule formation of *Klebsiella Pneumoniae*." 6th congress on biochemistry, Tehran, October 22-25, 2001 .
- Amozegar, Mohammad. "Studing the biosynthesis of alpha amylase is submerged and solid state System using *B.licheniformis* strain isolated from industrial environment." International conference of Biotechnology, Syria, October 24-27, 2001 .
- Amozegar, Mohammad. "Effect of salt and heavy metals on amylase production by newly isolated *Halobacillus* sp. strain MA." Symposium oCroatia, Hungarian and Slovenian and n Industrial Microbiology and Microbial Ecology, Opatija, June 7-9, 2002 .
- Amozegar, Mohammad. "Effect of sodium selenite on enhancement of tolerance to toxic oxianions in *Halomonas* sp. strain MAM.." The world of Microbes, Paris, August 27-1, 2002 .
- Amozegar, Mohammad. "Selenite reduction in *Chryeomonas loteola* strain MGF 48." The world of Microbes, Paris, August 27-1, 2002 .
- Amozegar, Mohammad. "Survey of heavy metal tolerance in native moderately halophilic Bacilli and effect of salinity and adaptation on tolerance." EMMM 2002, Vienna, September 1-6, 2002 .
- Amozegar, Mohammad, khursheed Malik, Peter Shumann, and Cathrin Sproer. "halobacillus karajensis sp. nov., a new moderately halophilic species isolated from saline soil." *fems 1st.*, July 29-3, 2003 .
- Amozegar, Mohammad. "Halobacillus karajensis sp. nov., A new moderately hakophilic species isolated from saline soil." FEMS congress of European Microbiologists, Ljubljana, July 29-3, 2003 .
- Amozegar, Mohammad, Masoud Shariat panahi, and . "Isolation and Identification of high-level resistance to chromate, arsenate and other toxic oxyanions in native moderately Halophilic bacilli." Halophiles 2004, Ljubljana, September 4-9, 2004 .
- , , , Mahmoud Khatami, , and Mohammad Amozegar. "Production of alkaline protease from moderately halophilic bacterium, *Halobacillus karajensis*." Halophiles 2004, Ljubljana, September 4-9, 2004 .
- Hamedi, Javad, , and Mohammad Amozegar. "Relationship beteen growth, rythromycin prouction and amylase activity in *Saccharopolyspora erythaea*." 2nd symposium on the alpha amylase family, Bratislava, October 2-6, 2004 .
- Amozegar, Mohammad, , , and . "Production and optimization of an extracellular methalo protease of a newly isolated moderately halophilic bacteria." Halophil2004,, November 1-3, 2004 .
- Amozegar, Mohammad, and . "Exopolysaccharide production by newly moderately hlophilic bacterium, sp. Strain E1P1, isolated from saline oil well." BioMicroworld-2005, Badajoz, March 15-18, 2005 .
- Amozegar, Mohammad, Fereydoun Malek zadeh , and . "Effect of salt on tellurite removal by a new moderately halophilic bacterium, *Salinicoccus* sp. strain QW6." BioMicroworld-2005, Badajoz, March 15-18, 2005 .
- Amozegar, Mohammad, , and Fereydoun Malek zadeh . "Evaluation of tellurite resistance in native moderately halophilic bacteria and effect of salinity on this toleranc." BiomicroWorld-2005, Badajoz, March 15-18, 2005 .

- Amozegar, Mohammad, and . "Purification and partial characterization of an extracellular protease from a newly isolated moderately halophilic bacterium." BioMicroworld-2005, Badajoz, March 15-18, 2005 .
- Amozegar, Mohammad, and . "Evaluation of chromate resistance in halophilic and halotolerant bacteria and effect of salinity on this tolerance." 13-IBBS, Madrid, September 4-9, 2005 .
- Amozegar, Mohammad, , and . "Biotechnological application of halophiles in bioremediation of textile effluents." 13th International biodeterioration and Biodegradation Symposium IBBS-13 4, Madrid, September 4-9, 2005 .
- Amozegar, Mohammad, , and . "Bioreduction of tellurite and selenite by a new moderately halophilic bacterium, *Salinicoccus* sp. strain QW6." 13-IBBS, Madrid, September 4-9, 2005 .
- Amozegar, Mohammad, , and . "Effect of selenoanions on tellurite removal by a new moderately halophilic bacterium, *Salinicoccus* sp. strain QW6." 13-IBBS, Madrid, September 4-9, 2005 .
- Amozegar, Mohammad, Sedigheh Asad, Mohammad Nabi Sar Boulouki, Ahmad Ali Pourbabaei, and . "Identification of halophilic azo dye degrading bacteria from textile effluents in salty soils of Iran." FEMS congress of European Microbiologist, Madrid, July 4-8, 2006 .
- Amozegar, Mohammad, , Elahe Allahi, Sedigheh Asad, and . "Identification of halotolerant bioemulsifier producing bacteria from Persian oil fields." FEMS congress of European Microbiologist, Madrid, July 4-8, 2006 .
- Hamedi, Javad, , and Mohammad Amozegar. "Isolation of actinophages from Iranian soils." ISME-11, Vienna , August 20-25, 2006 .
- Amozegar, Mohammad, and . "Screening and primary identification of native moderately halophilic exopolysaccharide producing bacteria." ISME-11, Vienna , August 20-25, 2006 .
- Zolfaghari, Mohammad Reza, Mohammad Amozegar, and . "The evaluation of resistance to toxic oxyanions of chromium and tellurium in bacteria isolated from industry waste and forest soils in Iran." ISME-11, Vienna , August 20-25, 2006 .
- Amozegar, Mohammad, and . "Effect of temperature, pH and time on chromate reduction by halophilic bacterium, MF2." ISME-11, Vienna , August 20-25, 2006 .
- Zolfaghari, Mohammad Reza, Mohammad Amozegar, and Fereydoun Malek zadeh . "The isolation of an extremely double-resistant bacterium to chromate and tellurium with specific application in bioremediation in industry wastes." ISME-11, Vienna , August 20-25, 2006 .
- , , , Azra Rabbani-chadegani, and Mohammad Amozegar. "Assaying the presence of some histone like proteins (for example HU) in *Halobacillus karajiensis* by ammonium sulfate precipitation." 14th National & international conference of Biology, Tehran, August 29-31, 2006 .
- Amozegar, Mohammad, , and . "Optimization of lipase production in a new isolated moderately halophilic bacterium, *Salinivibrio*." Extremophiles 2006,, September 17-21, 2006 .
- Hamedi, Javad, Fatemeh Mohammadipanah, Mohammad Amozegar, and . "Isolation of antibiotic producing halophilic actinomycetes from Iranian saline soils." Extremophiles 2006,, September 17-21, 2006 .
- Amozegar, Mohammad, , , and Sedigheh Asad. "Isolating biosurfactant producing microflora of petroleum reservoirs capable of tolerating high salinity and temperature." Extremophiles 2006,, September 17-21, 2006 .
- Amozegar, Mohammad, , and . "Effect of selenite on tellurite resistance and removal in *Halomonas* sp. strain MAM." Extremophiles 2006,, September 17-21, 2006 .
- Amozegar, Mohammad, and . "Effect of different salts and oxyanions on chromate reduction by halophilic bacterium, *Salinicoccus* sp. strain MF2." Extremophiles 2006,, September 17-21, 2006 .

- Amozegar, Mohammad, , and Ahmad Ali Pourbabaee Pourbabaee. "Effect of carbon source and salts on decolorization of the textile dye cibacron black W-55 by newly isolated halophilic bacterial strain." *Extremophiles* 2006,, September 17-21, 2006 .
- Amozegar, Mohammad, , and . "Proteome response of Halomonas sp. strain MAM to selenite and tellurite oxyanions." *Extremophiles* 2006,, September 17-21, 2006 .
- Amozegar, Mohammad, and . "Factors affecting exocellular polysaccharide production by a newly moderately halophilic bacterium grown in a chemically defined medium." *Extremophiles* 2006,, September 17-21, 2006 .
- , , , and Mohammad Amozegar. "Screening of native nucleases and lipases producing halophilic bacteria of Iran." *Extremophiles* 2006,, September 17-21, 2006 .
- Amozegar, Mohammad, , and . "The study of selenooxyanions and tellurite tolerance in moderately halophilic and non-halophilic bacteria." *Extremophiles* 2006,, September 17-21, 2006 .
- , , Abd ali Ziaee, and Mohammad Amozegar. "Purification and biochemical characterization of a serine mettaloprotease from the newly isolated moderately halophilic bacterium, Halobacillus karajensis." *Extremophiles* 2006,, September 17-21, 2006 .
- , , Mohammad Amozegar, and Javad Hamedi. "The evaluation of resistance to toxic oxyanions in halophilic actinomycetes." *Int Con on Extremophiles*,, September 17-22, 2006 .
- , , and Mohammad Amozegar. "Effect of selenooxyanions on tellurite removal in halophilic and halotolerant bacteria." *Halophiles* 2007, Colchester, September 2-6, 2007 .
- , , Mohammad Amozegar, , and . "Hypersaline lakes of Iran: microbial diversity and physico-chemical features." *Halophiles* 2007, Colchester, September 2-6, 2007 .
- Amozegar, Mohammad. "Effect of different media on PHB production in halophilic bacteria isolated from Ghavkhoni wetland of Iran." *Biomicroworld* 2007, Seville, December 28-1, 2007 .
- , , Mohammad Amozegar, and Javad Hamedi. "Effect of different parameters on the tellurite removal activity of the halophilic actinobacterial strain QS-2006." *Biomicroworld* 2007, Seville, December 28-1, 2007 .
- , , and Mohammad Amozegar. "Evaluation of biosorption of lead by Halomonas eurihalina strain NA-2." *Biomicroworld* 2007, Seville, December 28-1, 2007 .
- , , Mohammad Amozegar, and Javad Hamedi. "Optimization of the haloalkaline metalloprotease productivity from a newly isolated moderately halophilic bacterium, Salinivibrio sp. strain AF-2004." *Biomicroworld* 2007, Seville, December 28-1, 2007 .
- Amozegar, Mohammad, , and . "Identification and characterization of a new moderately halophilic bacterium, strain QW6, highly tolerant to oxyanions isolated from salty textile factory effluents." *Biomicroworld* 2007, Seville, December 28-1, 2007 .
- Amozegar, Mohammad, and . "Biodiversity of halophilic bacteria producing extracellular hydrolytic enzymes from Urmia Lake." *Biomicroworld* 2007, Seville, December 28-1, 2007 .
- , , and Mohammad Amozegar. "Screening of halophilic bacteria producing extracellular hydrolytic enzymes of Aran bidgol salt lake." *Biomicroworld* 2007, Seville, December 28-1, 2007 .
- , , and Mohammad Amozegar. "Biochemical transformation of toxic oxyanions by Pseudomonas aeruginosa ATCC 9027." *Biomicroworld* 2007, Seville, December 28-1, 2007 .
- , , Mohammad Amozegar, and . "A comparative study of biodiversity and enzyme production in local salt lakes, Iran." *biomicroworld* 2007, Seville, December 28-1, 2007 .
- Amozegar, Mohammad. "Identification of halophilic bacteria producing hydrolytic enzymes from Howzoltan lake,Iran: phylogenetic and phenotypic characterization." *Biomicroworld* 2007, Seville, December 28-1, 2007 .

- , , Mohammad Amoozegar, and Javad Hamedi. "The study of tellurite tolerance and its bioremoval by a halophilic actinobacterial strain, QS-2006." The 5th International Chemical Engineering congress and Exhibition, Kish Island, January 2-5, 2008 .
- fernandez, ana, Cristina Sanchez-Porro, Mohammad Amoozegar, hossein babavalian fard, Mohaddaseh Ramezani, and Antonio Ventosa. "lentibacillus persicus sp. nov., a moderately halophilic species isolated from a saline lake in iran." redex2009,, October 1-3, 2009 .
- Amoozegar, Mohammad, mohammad shafiei, and abed-ali ziaee. "purification and biochemical characterization of a novel sds stable raw starch digesting and halophilic a amylase from a moderately halophilic bacterium nesterenkononia sp. strain f." halophile 2010,, July 29-3, 2010 .
- Pourbabaei, Ahmad Ali Pourbabae, , and Mohammad Amoozegar. "Isolation of bacterioruberin producer halophilic prokaryotes from different soils of Iran." Halophiles 2010, Beijing, July 29-4, 2010 .
- seyedmehdi, shima sadat, Mohammad Amoozegar, Javad Hamedi, and Ali Mohamad Latifi. "isolation and screening of phytotoxin producing actinomycetes from different regions of iran." 4th international conference of biology,, September 14-16, 2010 .
- Amoozegar, Mohammad, and Maryam Siroosi. "Purification and characterization of an extracellular halophilic pullulanase by extremely halophilic archaeon, Halorubrum sp. strain Ha25." 5th International Iranian Biology Conference,, September 5-7, 2012 .
- Jookar , Fershteh, Mohammad Amoozegar, and parviz Owlia. "Microbial diversity of culturable halophilic and halotolerant bacteria from Urmia lake." 3rd International Student Biotechnology Congress,, May 6-8, 2013 .
- Alavi, Sana, Mohammad Amoozegar, and Khosro khajeh. "Nitrate reductase purification from a moderately halophilic microorganism, Salinicoccus iranensis." 3rd International student Biotechnology congress,, May 6-8, 2013 .
- Bagheri, Maryam, Mohammad Amoozegar, Maryam Didari, Ali Makhdoumi, Peter Schumann, Cathrin Sproer, Cristina Sanchez-Porro, and Antonio Ventosa. "Marinobacter persicus sp. nov., a moderately halophilic bacterium from a saline lake." Halophiles 2013,, June 23-27, 2013 .
- Coral, paulina, Cristina Sanchez-Porro, De la Haba Rafel, Mohammad Amoozegar, Rodrigo Wheeler, Ania Makkay, Thane Papke, and Antonio Ventosa. "Characterization of new species of the genus Halorubrum based on MLSA studies." Halophiles 2013,, June 23-27, 2013 .
- Khomarbaghi, Zahra, Mohammad Amoozegar, M. Shavandi, and S.M.M Dastgheyb. "Investigation of bacterial community dynamics in alkane-contaminated soil by 16S rRNA PCR-DGGE." FEMS 2013,, July 21-25, 2013 .
- Shavandi, Mahmoud, Zahra Khomarbaghi, Mohammad Amoozegar, and S.M.M Dastgheyb. "Monitoring the copy number of two functional genes, AlkB and C23DO during biodegradation of PAHs and Alkanes." 14th International Iranian Congress of Microbiology, Tehran, August 28-30, 2013 .
- Makzum, Somayeh, Mohammad Amoozegar, and s.m. mehdi Dastgheib. "Isolation of polyextremophile haloalkaliphilic chemolithotrophic sulfur-oxidizing bacteria from Mighan wetland." 14th International Iranian Congress of Microbiology, Tehran, August 28-30, 2013 .
- Zarparvar, Parisa, Mohammad Amoozegar, and Mohammad Reza Fallahian. "Extracellular enzymatic Activity in halotolerant and moderately halophilic bacteria in Incheh Broun hypersaline wetland in Iran." 14th International Iranian Congress of Microbiology, Tehran, August 28-30, 2013 .
- Farahani, Homa, Mohammad Amoozegar, siavash Riazi, Ali Makhdomi-kakhaki, and Maliheh Mehrshad. "Taxonomic classification of three newly isolated archaeal strains from Aran-Bidgol hypersaline lake." 14th International Iranian Congress of Microbiology, Tehran, August 28-30, 2013 .

- Makzum, Somayeh, Mohammad Amoozegar, and seyed mohammad mehdi Dastgheib. "isolation and identification obligately chemolithoautotroph sulfur oxidizing bacteria from mighan wetland." 1st international genetic congress,, May 24-26, 2014 .
- Honarbakhsh, Fatemeh, Mohammad Amoozegar, Shamsozoha Abolmaali, and Maliheh Mehrshad. "Screening for uricase enzyme from halotolerant bacteria." 15th international congress of Microbiology,, August 26-28, 2014 .
- Rafieyan, Shokufeh, Mohammad Amoozegar, Mahmoud Shavandi, and Mehrnia Mohammad Reza. "study of organophosphorus insecticide chloropyrifos biodegradation by halotolerant bacteria isolated from contaminated agricultural lands." 15th international congress of Microbiology,, August 26-28, 2014 .
- Farahani, Homa, Mohammad Amoozegar, Basaer Asadi, Maliheh Mehrshad, Bagher Yakhchali, and Shahrzad Motamedi. "Taxonomic classification of newly isolated archaeal strain from Urmia hypersaline lake." 15th international congress of Microbiology,, August 26-28, 2014 .
- Zolfaghar, Mahdis, Mohammad Amoozegar, and Khosro Khajeh. "Quantitative assay of antitumor enzymes from halophilic and halotolerant bacteria." 15th international congress of Microbiology,, August 26-28, 2014 .
- Zolfaghar, Mahdis, Mohammad Amoozegar, and Khosro Khajeh. "Screening and identification of extracellular antitumor enzymes producing halophilic and halotolerant bacteria." Extremophiles 2014,, September 7-11, 2014 .
- Shahzadeh Fazeli, Seyed Abolhassan, Mohammad Amoozegar, Maliheh Mehrshad, Ali Makhdoui, and Antoni Ventosa. "Characterization of novel haloarchaeal strain isolated from an Iranian hypersaline lake." Extremophiles 2014,, September 7-11, 2014 .
- Honarbakhsh, Fatemeh, Shamsozoha Abolmaali, and Mohammad Amoozegar. "Screening of uricase enzyme from halophile bacteria." Extremophiles 2014,, September 7-11, 2014 .
- de la Haba, Rafa, Paolina Corral, C.sanchez- porro, A. Makkay, Mohammad Amoozegar, R. T.papke, and A. Ventosa. "Correlation of MLSA, Polar lipid profile, DNA-DNA hybridization and Ani values for classification in the genus halorubrum." Extremophiles 2014,, September 7-11, 2014 .
- Rezaei Somee,, Maryam, Mohammad Amoozegar, Mahmoud Shavandi, and Mohammad Mehdi Dastgheib. "Isolation of diesel oil degrading halophilic consortia for the bioremediation of drilling muds from polluted and unpolluted saline soil and water samples." Extremophiles 2014,, September 7-11, 2014 .
- Amoozegar, Mohammad, Maliheh Mehrshad, and Seyed Abolhassan Shahzadeh Fazeli. "Toward prokaryotic map of Aran-Bidgol hypersaline lake." Extremophiles 2014,, September 7-11, 2014 .
- Sadr Azodi, Seyedeh mandana, Mahmoud Shavandi, and Mohammad Amoozegar. "Biocracking of long chain alkanes by halophilic and halotolerant with the aim of heavy oil upgrading." 1st international biotechnology congress,, May 24-26, 2015 .
- Darabi, mahboobeh, Mohammad Amoozegar, Maliheh Mehrshad, and Nina Zamani. "Diversity of halophilic archaea in Namakdan hypersaline cave in Qeshm." The 16th international and iranian congress of microbiology,, August 25-27, 2015 .
- Shahbazi, Masoumeh, Mohammad Amoozegar, and Seyed Abolhassan Shahzadeh Fazeli. "Evaluation of saline water and sediment biodiversity of khark island by culture dependent techniques." The 16th international and iranian congress of microbiology,, August 25-27, 2015 .
- Siroosi, Maryam, Mohammad Amoozegar, and Khosro Khajeh. "Purification and characterization of extracellular laccase with decolorization activity from a halotolerant bacterium, Bacillus sp strain WT." The 16th international and iranian congress of microbiology, Tehran, August 25-27, 2015 .

- Selseleh, Masoomeh, Mohammad Amozegar, and Sedigheh Asad. "Study of biodecolorization of the textile azo dye by extreme halophile bacteria isolated from a textile effluents." The 16th international and iranian congress of microbiology, Tehran, August 25-27, 2015 .
- Rezaei somee, Maryam, Mohammad Amozegar, Mahmoud Shavandi, and seyed mohammad mehdi Dastgheib. "Isolation of halophilic diesel-degrading consortium for the bioremediation of drilling muds." The 16th international and iranian congress of microbiology,, August 25-27, 2015 .
- de la haba, rafael, paulina coral, carmen infantee-dominguez, Cristina Sanchez-Porro, andrea makkay, thane papke, and antonio ventosa. "Modelo de especiacion de cepas del genero Halorubrum y sus implicaciones en la clasificacion taxonomica." Taxon 206,, July 8-10, 2016 .
- begloui, mehdi ali, ensieh salehghamari, amir salehi-najafabadi, and Mohammad Amozegar. "Degradation of 2,4,6-trinitrotoluene by two native isolated bacteria." The 17th international and iranian congress of microbiology, Tehran, August 23-25, 2016 .
- jalilvand, mehrdad, vida tafkori, and Mohammad Amozegar. "isolation and characterization of halotolerant non sulfur bacteria, from karaj soils." The 17th international and iranian congress of microbiology, Tehran, August 23-25, 2016 .
- Ghaderi, madeh, Maryam Didari, and Mohammad Amozegar. "isolation and identification of halophilic microorganisms producing lipase enzyme." 18th international & Iranian congress of microbiology,, August 29-31, 2017 .
- Nasr, shaghayegh, Mohammad Amozegar, and Seyed Abolhassan Shahzadeh Fazeli. "occurrence of novel yeasts taxa in mangrove ecosystem." 18th international & Iranian congress of microbiology,, August 29-31, 2017 .
- safarpour, atefeh, Marziyeh ebrahimi, Seyed Abolhassan Shahzadeh Fazeli, and Mohammad Amozegar. "SalinivenuS iranicus as a new source for anticancer stem cell metabolites." 18th international & Iranian congress of microbiology,, August 29-31, 2017 .
- khadem, sanaz, Mohammad Amozegar, and Seyed Abolhassan Shahzadeh Fazeli. "screening of chitinase from halophilic and halotolerant bacteria." 18th international & Iranian congress of microbiology,, August 29-31, 2017 .
- yavari, Maryam, and Mohammad Amozegar. "scrning and identification of native halophilic archaea with chitinolytic activity." 18th international & Iranian congress of microbiology,, August 29-31, 2017 .