

فهرست مقالات منتشر شده در ماه ژانویه ۲۰۲۱:

- Mohammadi, A.**, Almasieh, K., Nayeri, D., Ataei, F., Khani, A., López-Bao, J. V., ... & Cushman, S. A. (2021). Identifying priority core habitats and corridors for effective conservation of brown bears in Iran. *Scientific reports*, 11(1): 1-13. **Q1**
- Shirani, M.**, Kamboh, M. A., Akbari-Adergani, B., **Akbari, A.**, Arain, S. S., & Nodeh, H. R. (2020). Sonodecoration of magnetic phosphonated-functionalized sporopollenin as a novel green nanocomposite for stir bar sorptive dispersive microextraction of melamine in milk and milk-based food products. *Food Chemistry*, 341, 128460. **Q1**
- Razavi, R.**, & Ahmadi, S. A. (2020). Molecular Machine Based on Rotaxane@ Tricyclic Antidepressant Carrier: Theoretical Molecular Dynamic Simulation. *Computational and Theoretical Chemistry*, 113138. **Q4**
- Moghbeli, Z., Owliaie, H., Adhami, E., Najafi-Ghiri, M., & **Sanjari, S.** Pedogenesis and spatial distribution of soil magnetic properties along a lithotoposequence in an arid region of Southern Iran. *CATENA*, 198, 104979. **Q1**
- Poppiel, R. R., Demattê, J. A. M., Rosin, N. A., Campos, L. R., Tayebi, M., Bonfatti, B. R., ... **Abbaszadeh Afshar, F.**, & Rahmati, M. High resolution middle eastern soil attributes mapping via open data and cloud computing. *Geoderma*, 385, 114890. **Q1**
- Azad-Farsani, E., **Goroohi Sardoo, I.** & Abedini, S. Distribution Network Reconfiguration based on LMP at DG connected busses using game theory and self-adaptive FWA. *Energy*, 215, 119146. **Q1**
- Mashizi, A.K.**, & **Sharafatmandrad, M.** Water regulation and soil retention services in semiarid ecosystems of southeastern Iran, 2018–2020. *International Journal of Environmental Science and Technology*, 1-16. **Q2**
- Khanjani, M.** H., Alizadeh, M., & Sharifinia, M. Effects of different carbon sources on water quality, biofloc quality, and growth performance of Nile tilapia (*Oreochromis niloticus*) fingerlings in a heterotrophic culture system. *Aquaculture International*, 1-15. **Q3**
- Honarmand, M., **Amini, M.**, Iranfar, A., & **Naeimi, A.** Green Synthesis of ZnO/SnO₂ Nanocomposites Using Pine Leaves and Their Application for the Removal of Heavy Metals from Aqueous Media. *Journal of Cluster Science*, 1-10. **Q3**
- Barzkar, A., Shahabi, S., Niazmradi, S., & **Madadi, M. R.** A comparative study of remote sensing and gene expression programming for estimation of evapotranspiration in four distinctive climates. *Stochastic Environmental Research and Risk Assessment*, 1-16. **Q1**
- Jawhid, O., **Seyedi, N.**, Zohuri, G. H., & Ramezani, N. Cellulose Schiff Base as a Bio-based Polymer Ligand: Extraction, Modification and Metal Adsorption Study. *Journal of Polymers and the Environment*, 1-9. **Q2**
- Sharifi, M. R., Akbarifard, S., Qaderi, K., & **Madadi, M. R.** Developing MSA Algorithm by New Fitness-Distance-Balance Selection Method to Optimize Cascade Hydropower Reservoirs Operation. *Water Resources Management*, 1-22. **Q1**

Ebrahimi-Khusfi, Z., Taghizadeh-Mehrjardi, R., & Nafarzadegan, A. R. (2020). Accuracy, uncertainty, and interpretability assessments of ANFIS models to predict dust concentration in semi-arid regions. *Environmental Science and Pollution Research*, 1-15. **Q2**

Razavi, R. (2021). Potential of nanocages as anode electrodes in Na-and K-ion batteries. *Ionics*, 1-5. **Q2**

Zarei, M., **Seyedi, N.**, Maghsoudi, S., Nejad, M. S., & Sheibani, H. (2020). Green synthesis of Ag nanoparticles on the modified graphene oxide using Capparis spinosa fruit extract for catalytic reduction of organic dyes. *Inorganic Chemistry Communications*, 108327. **Q3**

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Ayoubi, S., Rabiee, S., Mosaddeghi, M. R., Abdi, M. R., & **Afshar, F. A.** (2021). Soil erosion and properties as affected by fire and time after fire events in steep rangelands using 137 Cs technique. *Arabian Journal of Geosciences*, 14(2), 1-12. **Q4**

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Ebrahimi-Khusfi, Z., Soleimani Sardoo, M. 2021. Recent changes in physical properties of the land surface and their effects on dust events in different climatic regions of Iran, *Arabian Journal of Geosciences*, 14(4),287. **Q4**

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Sharafatmandrad, M., & **Mashizi, A. K.** (2021). Temporal and Spatial Assessment of Supply and Demand of the Water-yield Ecosystem Service for Water Scarcity Management in Arid to Semi-arid Ecosystems. *Water Resources Management*, 35(1), 63-82. **Q1**

Zahedifar, M., Pouramiri, B., **Ezzati Ghadi, F.**, **Razavi, R.**, **Ramzani Ghara, A.** 2021. Unexpected regio- and stereoselective [4 + 3] cycloaddition reaction of azomethine ylides with benzylidene thiazolidinediones: synthesis of pharmacologically active spiroindoline oxazepine derivatives and theoretical study, *Molecular Diversity*, 25(1), pp. 29-43 **Q2**

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- Hajirezaee, S.**, Ajdari, A., & Azhang, B. (2021). Metabolite profiling, histological and oxidative stress responses in the grey mullet, *Mugil cephalus* exposed to the environmentally relevant concentrations of the heavy metal, Pb(NO₃)₂. *Comparative Biochemistry and Physiology Part C: Toxicology & Pharmacology*, 244, 109004. **Q1**
- Ebrahimi-Khusfi, Z.**, Nafarzadegan, A. R., & Dargahian, F. (2021). Predicting the number of dusty days around the desert wetlands in southeastern Iran using feature selection and machine learning techniques. *Ecological Indicators*, 125, 107499. **Q1**
- Torabi, A., **Shirani, M.**, Semnani, A., & **Akbari, A.** (2021). Deep eutectic solvent-based ligandless ultrasound-assisted liquid-phase microextraction for extraction of cobalt ions from food samples prior to spectrophotometric determination. *Journal of the Iranian Chemical Society*, 18(4), 893-902. **Q3**
- Dalir, S., Hajiqanbar, H., Fathipour, Y., & **Khanamani, M.** (2021). Age-Dependent Functional and Numerical Responses of *Neoseiulus cucumeris* (Acari: Phytoseiidae) on Two-Spotted Spider Mite (Acari: Tetranychidae). *Journal of Economic Entomology*, 114(1), 50-61. **Q1**
- Khanamani, M.**, **Basij, M.**, & Fathipour, Y. (2021). Effectiveness of factitious foods and artificial substrate in mass rearing and conservation of *Neoseiulus californicus* (Acari: Phytoseiidae). *International Journal of Acarology*, 1-8. **Q3**
- Mohammadi, A.**, Alambeigi, A., López-Bao, J. V., & Kaboli, M. (2021). Fear of Wolves in Relation to Attacks on People and Livestock in Western Iran. *Anthrozoös*, 1-17. **Q2**

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- Mashizi, A. K.**, & **Sharafatmandrad, M.** (2021). Investigating tradeoffs between supply, use and demand of ecosystem services and their effective drivers for sustainable environmental management. *Journal of Environmental Management*, 289, 112534. **Q1**
- Amiri, S., **Garakaninezhad, A.**, & Bojórquez, E. (2021). Normalized residual displacement spectra for post-mainshock assessment of structures subjected to aftershocks. *Earthquake Engineering and Engineering Vibration*, 20(2), 403-421. **Q3**
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- Naeimi, A.**, Ekrami-Kakhki, M. S., & Donyagard, F. (2021). Enhanced electrocatalytic performance of Pt nanoparticles immobilized on novel electrospun PVA@ Ni/NiO/Cu

complex bio-nanofiber/chitosan based on Calotropis procera plant for methanol electro-oxidation. *International Journal of Hydrogen Energy*. Q2

Naeimi, A., Amini, M., & Okati, N. (2021). Removal of heavy metals from wastewaters using an effective and natural bionanopolymer based on Schiff base chitosan/graphene oxide. *International Journal of Environmental Science and Technology*, 1-12. Q2

Rahimi, E., Qaderi, K., Rahimpour, M., Ahmadi, M. M., & **Madadi, M. R.** (2021). Scour at side by side pier and abutment with debris accumulation. *Marine Georesources & Geotechnology*, 39(4), 459-470. Q3

Kohannia, N., Beigmohammadi, F., **Ramzani Ghara, A.**, & Nayebzadeh, K. Effect of Polyethylene terephthalate incorporated with Titanium dioxide and Zinc oxide nanoparticles on shelf-life extension of mayonnaise sauce. *Journal of Food Processing and Preservation*, e15453. Q3

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Hosseini, S. H., Bibak, H., Ghara, A. R., Sahebkar, A., & Shakeri, A. (2021). Ethnobotany of the medicinal plants used by the ethnic communities of Kerman province, Southeast Iran. *Journal of Ethnobiology and Ethnomedicine*, 17(1), 1-35. Q2

Faraji, M., **Shirani, M.**, & Rashidi-Nodeh, H. (2021). The recent advances in magnetic sorbents and their applications. *TrAC Trends in Analytical Chemistry*, 116302. Q1

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Iranmanesh, A., & Nikbakhti, R. (2021). Numerical study on suppressing liquid sloshing of a rectangular tank using moving baffles linked to a spring system. *Ocean Engineering*, 229, 109002. Q1

Ebrahimi-Khusfi, Z., Taghizadeh-Mehrjardi, R., Kazemi, M., & Nafarzadegan, A. R. (2021). Predicting the ground-level pollutants concentrations and identifying the influencing factors using machine learning, wavelet transformation, and remote sensing techniques. *Atmospheric Pollution Research*, 12(5), 101064. Q2

Fathabadi, M., Pouramiri, B., **Zahedifar, M.**, Sheibani, H., & Saidi, K. (2021). Polyaniline, Polyaniline/SiO₂ and Poly (4-vinylpyridine): as Highly Efficient and Recyclable Green Heterogeneous Basic Catalysts for the Three-Component Synthesis of Tetrahydrobenzopyran and 3, 4-Dihydropyrano [c] Chromene Derivatives. *Iran. J. Chem. Chem. Eng. Research Article* Vol, 40(2). Q4

- Hajirezaee, S., & Hossein Khanjani, M.** Evaluation of dietary inclusion of Bunium persicum, Bunium persicum essential oil on growth, immune components, immune-related gene expressions and resistance to *Aeromonas hydrophila*, in rainbow trout, *Oncorhynchus mykiss*. *Aquaculture Research*. Q2
- Mardanipour, M., Rahimi, R., **Hajirezaee, S.**, & Nikookhah, F. Comparative study on the metabolome of the most prevalent fish pathogen, *Streptococcus iniae* at different temperatures using ¹H nuclear magnetic resonance. *Aquaculture Research*. Q2
- Ebrahimi-Khusfi, Z.**, Mirakbari, M., & **Soleimani-Sardo, M.** (2021). Aridity Index Variations and Dust Events in Iran from 1990 to 2018. *Annals of the American Association of Geographers*, 1-18. Q1
- Khanjani, M. H.**, Alizadeh, M., Mohammadi, M., & Sarsangi Aliabad, H. (2021). Biofloc system applied to Nile tilapia (*Oreochromis niloticus*) farming using different carbon sources: growth performance, carcass analysis, digestive and hepatic enzyme activity. *Iranian Journal of Fisheries Sciences*, 20(2), 490-513. Q4
- Khanjani, M. H.**, Alizadeh, M., Mohammadi, M., & Sarsangi Aliabad, H. (2021). The effect of adding molasses in different times on performance of Nile tilapia (*Oreochromis niloticus*) raised in a low-salinity biofloc system. *Annals of Animal Sciences*. Q2
- Qaderi, K., Javadi, F., **Madadi, M. R.**, & Ahmadi, M. M. (2020). A comparative study of solo and hybrid data driven models for predicting bridge pier scour depth. *Marine Georesources & Geotechnology*, 1-11. Q3
- Nazari, F.**, Mirshamsi, O., & Arbizu, P. M. (2021). *Tigriopus iranicus* sp. nov., a new species of Harpacticidae (Copepoda, Crustacea) from Iran, with a redescription of *T. raki* Bradford, 1967. *ZooKeys*, 1035, 115. Q3

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- Mohammadi, A.**, Almasieh, K., Wan, H. Y., Nayeri, D., Alambeigi, A., Ransom, J. I., & Cushman, S. A. (2021). Integrating spatial analysis and questionnaire survey to better understand human-onager conflict in Southern Iran. *Scientific reports*, 11(1), 1-12. Q1
- Razavi, R.**, Kaya, S., **Zahedifar, M.**, & Ahmadi, S. A. (2021). Simulation and surface topology of activity of pyrazoloquinoline derivatives as corrosion inhibitor on the copper surfaces. *Scientific Reports*, 11(1), 1-11. Q1
- Ayoubi, S., Sadeghi, N., **Afshar, F. A.**, Abdi, M. R., Zeraatpisheh, M., & Rodrigo-Comino, J. (2021). Impacts of oak deforestation and rainfed cultivation on soil redistribution processes across hillslopes using ¹³⁷Cs techniques. *Forest Ecosystems*, 8(1), 1-14. Q1
- Khanjani, M. H.**, & Sharifinia, M. (2021). Production of Nile tilapia *Oreochromis niloticus* reared in a limited water exchange system: The effect of different light levels. *Aquaculture*, 542, 736912. Q1

- Nafarzadegan, A. R., **Ebrahimi-Khusfi, Z.**, & Kazemi, M. (2021). Spatial characterization of dust emission prone arid regions using feature extraction and predictive algorithms. *Applied Geography*, 133, 102495. **Q1**
- Shaer, A., **Rezaei, M.**, Rahimi, B. M., & Shaer, F. (2021). Examining the associations between perceived built environment and active travel, before and after the COVID-19 outbreak in Shiraz city, Iran. *Cities*, 115, 103255. **Q1**
- Nikbakhti, R., & **Iranmanesh, A.** (2021). Potential application of a novel integrated Adsorption-Absorption refrigeration system powered with solar energy in Australia. *Applied Thermal Engineering*, 117114. **Q1**
- Sharafatmandrad, M.**, & **Khosravi Mashizi, A.** (2021). Linking ecosystem services to social well-being: An approach to assess land degradation. *Frontiers in Ecology and Evolution*, 9, 228. **Q1**
- Rahimi, R., Mirahmadi, S. A., **Hajirezaee, S.**, & Fallah, A. A. How probiotics impact on immunological parameters in rainbow trout (*Oncorhynchus mykiss*)? A systematic review and meta-analysis. *Reviews in Aquaculture*. **Q1**
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- Sardooi, E. R.**, Pourghasemi, H. R., **Azareh, A.**, **Sardoo, F. S.**, & Clague, J. J. (2021). Comparison of statistical and machine learning approaches in land subsidence modelling. *Geocarto International*, (just-accepted), 1-41. **Q1**
- Mariki, A. A., Anaeigoudari, A., **Zahedifar, M.**, Pouramiri, B., Ayati, A., & Lotfi, S. (2021). Design, Green Synthesis, and Biological Evaluation of New Substituted Tetrahydropyrimidine Derivatives as Acetylcholinesterase Inhibitors. *Polycyclic Aromatic Compounds*, 1-11. **Q2**
- Nezhad, M. M., Semnani, A., Tavakkoli, N., & **Shirani, M.** (2021). Efficient removal and recovery of uranium from industrial radioactive wastewaters using functionalized activated carbon powder derived from zirconium carbide process waste. *Environmental Science and Pollution Research*, 1-17. **Q2**
- Sharafatmandrad, M.**, & **Mashizi, A. K.** (2021). Shrublands Ground-Dwelling Arthropods: Their Response to Management. *Iranian Journal of Science and Technology, Transactions A: Science*, 1-9. **Q3**
- Hashemi, S., Asadi, M., & **Khanamani, M.** (2021). How does feeding on different diets affect the life history traits of *Neoseiulus californicus*?. *International Journal of Acarology*, 1-7. **Q3**

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- Sardooi, E. R.**, **Azareh, A.**, Mesbahzadeh, T., **Sardoo, F. S.**, Parteli, E. J., & Pradhan, B. (2021). A hybrid model using data mining and multi-criteria decision-making methods for landslide risk mapping at Golestan Province, Iran. *Environmental Earth Sciences*, 80(15), 1-25. **Q2**

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Razavi, R. (2021). Investigation of Potential of Si76, C32, B16N16, Al38P38 as Anodes in Metal-Ion Batteries. *Silicon*, 1-6. **Q3**

Seyedi, N., & Zahedifar, M. Chitosan nanoparticles functionalized poly-2-hydroxyaniline supported CuO nanoparticles: An efficient heterogeneous and recyclable nanocatalyst for N-arylation of amines with phenylboronic acid at ambient temperature. *Applied Organometallic Chemistry*, e6364. **Q1**

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Razavi, R., Amiri, M., Alshamsi, H. A., Eslaminejad, T., & Salavati-Niasari, M. (2021). Green synthesis of Ag nanoparticles in oil-in-water nano-emulsion and evaluation of their antibacterial and cytotoxic properties as well as molecular docking. *Arabian Journal of Chemistry*, 14(9), 103323. **Q2**

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Ebrahimi-Khusfi, Z., & Roustaei, F. (2021). Dust storm index anomaly for sand-dust events monitoring in western Iran and its association with the NDVI and LST anomalies. *Environmental Science and Pollution Research*, 1-15. **Q2**

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