

Soheil Sobhanardakani

List of Publications by Year in descending order

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84
papers

2,069
citations

201385

27
h-index

276539

41
g-index

84
all docs

84
docs citations

84
times ranked

1610
citing authors

#	ARTICLE	IF	CITATIONS
1	Health risk assessment of arsenic and heavy metals (Cd, Cu, Co, Pb, and Sn) through consumption of caviar of <i>Acipenser persicus</i> from Southern Caspian Sea. <i>Environmental Science and Pollution Research</i> , 2018, 25, 2664-2671.	2.7	109
2	Removal of heavy metal (Hg(II) and Cr(VI)) ions from aqueous solutions using Fe ₂ O ₃ @SiO ₂ thin films as a novel adsorbent. <i>Chemical Engineering Research and Design</i> , 2018, 120, 348-357.	2.7	108
3	Heavy metals removal from wastewaters using organic solid waste "rice husk. <i>Environmental Science and Pollution Research</i> , 2013, 20, 5265-5271.	2.7	81
4	Potential health risk assessment of heavy metals via consumption of caviar of Persian sturgeon. <i>Marine Pollution Bulletin</i> , 2017, 123, 34-38.	2.3	80
5	Novel mesoporous Fe ₃ O ₄ /SiO ₂ /CTAB@SiO ₂ as an effective adsorbent for the removal of amoxicillin and tetracycline from water. <i>Clean Technologies and Environmental Policy</i> , 2018, 20, 871-885.	2.1	80
6	Synthesis of NiFe ₂ O ₄ nanoparticles for removal of anionic dyes from aqueous solution. <i>Desalination and Water Treatment</i> , 2016, 57, 11348-11360.	1.0	72
7	Synthesis and application of TiO ₂ /SiO ₂ /Fe ₃ O ₄ nanoparticles as novel adsorbent for removal of Cd(II), Hg(II) and Ni(II) ions from water samples. <i>Clean Technologies and Environmental Policy</i> , 2017, 19, 1913-1925.	2.1	69
8	Ecological and Human Health Risk Assessment of Heavy Metal Content of Atmospheric Dry Deposition, a Case Study: Kermanshah, Iran. <i>Biological Trace Element Research</i> , 2019, 187, 602-610.	1.9	64
9	Determination of toxic (Pb, Cd) and essential (Zn, Mn) metals in canned tuna fish produced in Iran. <i>Journal of Environmental Health Science & Engineering</i> , 2015, 13, 59.	1.4	57
10	Evaluation and prediction of sustainability of urban areas: A case study for Kermanshah city, Iran. <i>Cities</i> , 2017, 66, 1-9.	2.7	57
11	Hydrological drought in the west of Iran and possible association with large-scale atmospheric circulation patterns. <i>Hydrological Processes</i> , 2014, 28, 764-773.	1.1	56
12	Tuna fish and common kilka: health risk assessment of metal pollution through consumption of canned fish in Iran. <i>Journal Fur Verbraucherschutz Und Lebensmittelsicherheit</i> , 2017, 12, 157-163.	0.5	54
13	Removal of Janus Green dye from aqueous solutions using oxidized multi-walled carbon nanotubes. <i>Toxicological and Environmental Chemistry</i> , 2013, 95, 909-918.	0.6	53
14	A health risk assessment of heavy metals in people consuming Sohan in Qom, Iran. <i>Toxin Reviews</i> , 2018, 37, 278-286.	1.5	50
15	Honeybees (<i>Apis mellifera</i> L.) as a Potential Bioindicator for Detection of Toxic and Essential Elements in the Environment (Case Study: Markazi Province, Iran). <i>Archives of Environmental Contamination and Toxicology</i> , 2019, 77, 344-358.	2.1	49
16	Synthesis and application of Fe ₃ O ₄ /SiO ₂ /thermosensitive/PAMAM-CS nanoparticles as a novel adsorbent for removal of tamoxifen from water samples. <i>Microchemical Journal</i> , 2019, 145, 1231-1240.	2.3	48
17	Analysis, spatial distribution and ecological risk assessment of arsenic and some heavy metals of agricultural soils, case study: South of Iran. <i>Journal of Environmental Health Science & Engineering</i> , 2020, 18, 665-676.	1.4	48
18	Heavy metal concentrations in roadside plants (<i>Achillea wilhelmsii</i> and <i>Cardaria draba</i>) and soils along some highways in Hamedan, west of Iran. <i>Environmental Science and Pollution Research</i> , 2020, 27, 13301-13314.	2.7	43

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19	Surveying the efficiency of <i>Platanus orientalis</i> bark as biosorbent for Ni and Cr(VI) removal from plating wastewater as a real sample. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 373.	1.3	39
20	CeO ₂ nanoparticles supported on CuFe ₂ O ₄ nanofibers as novel adsorbent for removal of Pb(II), Ni(II), and V(V) ions from petrochemical wastewater. <i>Desalination and Water Treatment</i> , 2016, 57, 28363-28377.	1.0	38
21	Selected Heavy Metals Analysis of Persian Sturgeon's (Acipenser persicus) Caviar from Southern Caspian Sea. <i>Biological Trace Element Research</i> , 2013, 154, 357-362.	1.9	37
22	2,4-Dinitrophenylhydrazine functionalized sodium dodecyl sulfate-coated magnetite nanoparticles for effective removal of Cd(II) and Ni(II) ions from water samples. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 412.	1.3	36
23	Metal content in caviar of wild Persian sturgeon from the southern Caspian Sea. <i>Environmental Science and Pollution Research</i> , 2013, 20, 5839-5843.	2.7	33
24	Analysis of mercury, selenium, and tin concentrations in canned fish marketed in Iran. <i>Environmental Monitoring and Assessment</i> , 2013, 185, 6407-6412.	1.3	33
25	Preparation and application of grafted β -cyclodextrin/thermo-sensitive polymer onto modified Fe ₃ O ₄ @SiO ₂ nano-particles for fenitrothion elimination from aqueous solution. <i>Microchemical Journal</i> , 2019, 145, 59-67.	2.3	33
26	Promotion of Cotton Seedlings Growth Characteristics By Development and Use of New Bioformulations. <i>International Journal of Botany</i> , 2010, 6, 95-100.	0.2	33
27	Time trend and change point of reference evapotranspiration over Iran. <i>Theoretical and Applied Climatology</i> , 2014, 116, 639-647.	1.3	31
28	Analysis of trace elements (Cu, Cd, and Zn) in the muscle, gill, and liver tissues of some fish species using anodic stripping voltammetry. <i>Environmental Monitoring and Assessment</i> , 2012, 184, 6607-6611.	1.3	30
29	Human health risk assessment of potentially toxic heavy metals in the atmospheric dust of city of Hamedan, west of Iran. <i>Environmental Science and Pollution Research</i> , 2018, 25, 28086-28093.	2.7	29
30	Human Health Risk Assessment of Cd, Cu, Pb and Zn through Consumption of Raw and Pasteurized Cow's Milk. <i>Iranian Journal of Public Health</i> , 2018, 47, 1172-1180.	0.3	26
31	Biochar obtained from cinnamon and cannabis as effective adsorbents for removal of lead ions from water. <i>Environmental Science and Pollution Research</i> , 2019, 26, 27905-27914.	2.7	25
32	Evaluation of the Water Quality Pollution Indices for Groundwater Resources of Ghahavand Plain, Hamadan Province, Western Iran. <i>Iranian Journal of Toxicology</i> , 2016, 10, 35-40.	0.1	25
33	An Artificial Neural Network - Particle Swarm Optimization (ANN- PSO) Approach to Predict Heavy Metals Contamination in Groundwater Resources. <i>Jundishapur Journal of Health Sciences</i> , 2018, 10, .	0.1	25
34	Health risk assessment of citrus contaminated with heavy metals in Hamedan city, potential risk of Al and Cu. <i>Environmental Health Engineering and Management</i> , 2016, 3, 131-135.	0.3	23
35	Efficient removal of Cu(II) and Pb(II) heavy metal ions from water samples using 2,4-dinitrophenylhydrazine loaded sodium dodecyl sulfate-coated magnetite nanoparticles. <i>Journal of Water Supply: Research and Technology - AQUA</i> , 2016, 65, 361-372.	0.6	21
36	Magnetite graphene oxide modified with β -cyclodextrin as an effective adsorbent for the removal of methotrexate and doxorubicin hydrochloride from water. <i>Environmental Science and Pollution Research</i> , 2022, 29, 35012-35024.	2.7	18

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37	PECVD synthesis of ZnO/Si thin film as a novel adsorbent for removal of azithromycin from water samples. <i>International Journal of Environmental Analytical Chemistry</i> , 2022, 102, 5229-5246.	1.8	17
38	A new modified multiwalled carbon nanotube paste electrode for quantification of tin in fruit juice and bottled water samples. <i>Journal of Industrial and Engineering Chemistry</i> , 2014, 20, 3214-3216.	2.9	16
39	Hydrogeochemical characteristics, temporal, and spatial variations for evaluation of groundwater quality of Hamedanâ€™Bahar Plain as a major agricultural region, West of Iran. <i>Environmental Earth Sciences</i> , 2020, 79, 1.	1.3	16
40	GO@Fe ₃ O ₄ @ZnO@CS nanocomposite as a novel adsorbent for removal of doxorubicin hydrochloride from aqueous solutions. <i>Toxin Reviews</i> , 2022, 41, 82-91.	1.5	16
41	Heavy Metal Levels and Potential Health Risk Assessment in Honey Consumed in the West of Iran. <i>Avicenna Journal of Environmental Health Engineering</i> , 2016, 3, .	0.3	16
42	Analysis and potential ecological risk assessment of heavy metals in the surface soils collected from various land uses around Shazand Oil Refinery Complex, Arak, Iran. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	0.6	15
43	Developing a Bioindicator in the Northwestern Persian Gulf, Iran: Trace Elements in Bird Eggs and in Coastal Sediments. <i>Archives of Environmental Contamination and Toxicology</i> , 2015, 68, 274-282.	2.1	13
44	Evaluation of some chelating agents on phytoremediation efficiency of <i>Amaranthus caudatus</i> L. and <i>Tagetes patula</i> L. in soils contaminated with lead. <i>Journal of Environmental Health Science & Engineering</i> , 2021, 19, 503-514.	1.4	13
45	Analysis and health risk assessment of phthalate esters (PAEs) in indoor dust of preschool and elementary school centers in city of Tehran, Iran. <i>Environmental Science and Pollution Research</i> , 2021, 28, 61151-61162.	2.7	13
46	Health Risk Assessment of Inorganic Arsenic Through Groundwater Drinking Pathway in some Agricultural Districts of Hamedan, West of Iran. <i>Avicenna Journal of Environmental Health Engineering</i> , 2018, 5, 73-77.	0.3	13
47	Assessment of Heavy Metal Contamination in Surface Soils of Ahvaz IV Industrial Estate, Khuzestan Province, Iran. <i>Ulm-i BihdÄshtÄ-i ÄrÄn</i> , 2016, 4, 53-61.	0.1	13
48	Analysis, sources and health risk assessment of trace elements in street dust collected from the city of Hamedan, west of Iran. <i>Arabian Journal of Geosciences</i> , 2022, 15, 1.	0.6	12
49	Title is missing!. <i>Turkish Journal of Fisheries and Aquatic Sciences</i> , 2018, 18, .	0.4	11
50	Contamination and Health Risks from Heavy Metals (Cd and Pb) and Trace Elements (Cu and Zn) in Dairy Products. <i>Ulm-i BihdÄshtÄ-i ÄrÄn</i> , 2017, 5, 49-57.	0.1	11
51	Grafting Î²-Cyclodextrin/allyle glycidyl ether/thermosensitive containing polymer onto modified Fe ₃ O ₄ @SiO ₂ for adsorption of diazinon from aqueous solution. <i>International Journal of Environmental Analytical Chemistry</i> , 2023, 103, 123-139.	1.8	10
52	MULTI-CRITERIA DECISION MAKING FOR SUSTAINABILITY EVALUATION IN URBAN AREAS: A CASE STUDY FOR KERMANSHAH CITY, IRAN. <i>Applied Ecology and Environmental Research</i> , 2017, 15, 1083-1100.	0.2	9
53	Analysis and health risk assessment of toxic (Cd and Pb) and essential (Cu and Zn) elements through consumption of potato (<i>Solanum tuberosum</i>) cultivated in Iran. <i>International Journal of Environmental Analytical Chemistry</i> , 2022, 102, 6310-6320.	1.8	8
54	Qualitative investigation of sewage sludge composting: effect of aerobic/anaerobic pretreatments. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	0.6	8

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55	Synthesis of magnetite@MIL-53(Fe)-NH ₂ via postsynthetic modification for extraction/separation of ultra-trace Hg (II) from some real samples and its subsequent quantification by CVAAS. Applied Organometallic Chemistry, 2021, 35, e6351.	1.7	8
56	Analysis of Selected Heavy Metals in Indoor Dust in Khorramabad City, Iran: A Case Study. Jundishapur Journal of Health Sciences, 2018, In Press, .	0.1	8
57	Ecological Risk Assessment of Heavy Metals in the Atmospheric Dry Deposition in Hamedan City. Journal of Kermanshah University of Medical Sciences, 2018, 22, .	0.1	8
58	Synthesis of DNPH/SDS/Fe ₃ O ₄ Nanoparticles for Removal of Cr (VI) Ions From Aqueous Solution. Avicenna Journal of Environmental Health Engineering, 2016, 3, .	0.3	7
59	Source identification and health risk assessment of PAHs in surface soils from the vicinity of Arad-Kouh processing and disposal complex, Tehran, Iran. International Journal of Environmental Analytical Chemistry, 2023, 103, 9647-9660.	1.8	7
60	Application of artificial neural network to predict the retention time of drug metabolites in two-dimensional liquid chromatography. Drug Testing and Analysis, 2013, 5, 315-319.	1.6	6
61	Removal of pyrene from aqueous solutions using GO/Fe ₃ O ₄ /CC/AA as a novel adsorbent. International Journal of Environmental Analytical Chemistry, 2020, , 1-16.	1.8	6
62	Assessment of Heavy Metal Contamination in Surface Sediment of the Darreh-Morad Beyg River. Ulâ«m-i Bihdâ«i-Â«rân, 2016, 4, 22-34.	0.1	6
63	Application of genetic algorithmâ€kernel partial least square as a novel nonâ€linear feature selection method: partitioning of drug molecules. Drug Testing and Analysis, 2013, 5, 89-95.	1.6	5
64	A new catalytic-spectrophotometric method for quantification of trace amounts of nitrite in fruit juice samples. Environmental Monitoring and Assessment, 2013, 185, 2595-2601.	1.3	5
65	Ecological and human health risks assessment of some polychlorinated biphenyls (PCBs) in surface soils of central and southern parts of city of Tehran, Iran. Journal of Environmental Health Science & Engineering, 2021, 19, 1491-1503.	1.4	5
66	Prediction of Heavy Metals Concentration in the Groundwater Resources in Razan Plain: Extreme Learning Machine vs. Artificial Neural Network and Multivariate Adaptive Regression Spline. Annals of Military and Health Sciences Research, 2019, 17, .	0.1	5
67	Analysis of Contamination Levels of Cu, Pb, and Zn and Population Health Risk via Consumption of Processed Meat Products. Jundishapur Journal of Health Sciences, 2018, In Press, .	0.1	5
68	Non-Carcinogenic Risk Assessment of Heavy Metals Through Exposure to the Household Dust (Case) Tj ETQq0 0 0 rBT /Overlock 10 Tf	0.1	5
69	Post synthetic modification of magnetite @MIL-53(Fe)-NH ₂ core-shell nanocomposite for magnetic solid phase extraction of ultra-trace Pd(II) ions from real samples. International Journal of Environmental Analytical Chemistry, 0, , 1-18.	1.8	5
70	2D autocorrelation modelling of the anti-HIV HEPT analogues using multiple linear regression approaches. Molecular Simulation, 2011, 37, 72-83.	0.9	4
71	Exploring QSAR for Antimalarial Activities and Drug Distribution within Blood of a Series of 4-Aminoquinoline Drugs Using Genetic-MLR. Journal of Chemistry, 2013, 2013, 1-12.	0.9	4
72	Synthesis of nanostructured ZnO loaded on carbon cloth as high potential adsorbent for copper ion. Desalination and Water Treatment, 2015, 55, 596-603.	1.0	4

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73	Determination of Heavy Metal (Cu, Pb and Zn) Concentrations in Muscle Tissue of Hypophthalmichthys molitrix, Cyprinus carpio and Ctenopharyngodon idella Caught from Zarivar Wetland, western Iran. <i>Current World Environment Journal</i> , 2014, 9, 923-931.	0.2	4
74	Spatial Distribution of Arsenic under the Influence of Chemical Fertilizers Using Geostatistics in Eghlid, Fars, Iran. , 2018, 7, 303-311.		4
75	Incorporation of modified cellulose nanocrystals to polyamide nanofiltration membrane for efficient removal of Cr(III) and Pb(II) ions from aqueous solutions. <i>International Journal of Environmental Analytical Chemistry</i> , 2023, 103, 1653-1666.	1.8	3
76	Optimization of phytoremediation of contaminated soil with heavy metals and petroleum hydrocarbons using SEM and MCDM techniques. <i>International Journal of Environmental Science and Technology</i> , 2022, 19, 9535-9548.	1.8	3
77	Prediction of octanol-water partition coefficients of organic chemicals by QSAR models. <i>Toxicological and Environmental Chemistry</i> , 2013, 95, 1267-1278.	0.6	2
78	Assessment of Contents and Health Risk of Aluminum and Copper through Consumption of Commercial Fruit Juices. <i>Annals of Military and Health Sciences Research</i> , 2017, 15, .	0.1	2
79	Landfill site suitability analysis for solid waste disposal using SWARA and MULTIMOORA methods: a case study in Kermanshah, West of Iran. <i>Arabian Journal of Geosciences</i> , 2022, 15, .	0.6	2
80	New kinetic-spectrophotometric method for monitoring the concentration of iodine in river and city water samples. <i>Environmental Monitoring and Assessment</i> , 2013, 185, 553-558.	1.3	1
81	A nanosilver-based spectrophotometric method for sensitive determination of methyl violet in river water. <i>Toxicological and Environmental Chemistry</i> , 2013, 95, 214-220.	0.6	1
82	Spatial Distribution of Cadmium in Agricultural Soils of Eghlid County, South of Iran. , 2020, 9, 311-324.		1
83	Efficiency of the Single and Dual Media Filters for the Removal of Heavy Metal Ions from Water in Ekbatan and Shahid Beheshti Water Treatment Plants in city of Hamedan. <i>Medical Journal of Tabriz University of Medical Sciences & Health Services</i> , 2020, 42, 200-207.	0.1	0
84	Investigation of Microbiological and Physicochemical Parameters of Water of Abyaran and Laleh Indoor Swimming Pools in City of Hamedan City in 2015. <i>Medical Journal of Tabriz University of Medical Sciences & Health Services</i> , 2020, 42, 7-15.	0.1	0