

Mehdi Vosoughi Niri

List of Publications by Year in descending order

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65
papers

2,315
citations

172386

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233338

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67
docs citations

67
times ranked

2277
citing authors

#	ARTICLE	IF	CITATIONS
1	N-doped TiO ₂ nanosheets for photocatalytic degradation and mineralization of diazinon under simulated solar irradiation: Optimization and modeling using a response surface methodology. <i>Journal of Molecular Liquids</i> , 2016, 220, 183-191.	2.3	114
2	Landfill site selection using GIS and AHP: a case study: Behbahan, Iran. <i>KSCE Journal of Civil Engineering</i> , 2017, 21, 111-118.	0.9	102
3	The adsorption of malachite green (MG) as a cationic dye onto functionalized multi walled carbon nanotubes. <i>Korean Journal of Chemical Engineering</i> , 2013, 30, 1603-1608.	1.2	97
4	A novel, eco-friendly and green synthesis of PPAC-ZnO and PPAC-nZVI nanocomposite using pomegranate peel: Cephalexin adsorption experiments, mechanisms, isotherms and kinetics. <i>Advanced Powder Technology</i> , 2020, 31, 1612-1623.	2.0	93
5	Batch and column studies for the adsorption of chromium(VI) on low-cost Hibiscus Cannabinus kenaf, a green adsorbent. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2016, 68, 80-89.	2.7	91
6	The efficacy of sono-electro-Fenton process for removal of Cefixime antibiotic from aqueous solutions by response surface methodology (RSM) and evaluation of toxicity of effluent by microorganisms. <i>Arabian Journal of Chemistry</i> , 2020, 13, 6122-6139.	2.3	90
7	Application of Box-Behnken design for optimizing parameters of hexavalent chromium removal from aqueous solutions using Fe ₃ O ₄ loaded on activated carbon prepared from alga: Kinetics and equilibrium study. <i>Journal of Water Process Engineering</i> , 2021, 42, 102113.	2.6	84
8	An evaluation of hospital admission respiratory disease attributed to sulfur dioxide ambient concentration in Ahvaz from 2011 through 2013. <i>Environmental Science and Pollution Research</i> , 2016, 23, 22001-22007.	2.7	83
9	Cardiovascular and respiratory mortality attributed to ground-level ozone in Ahvaz, Iran. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 487.	1.3	79
10	Study of heavy metal levels in indoor dust and their health risk assessment in children of Ahvaz city, Iran. <i>Toxin Reviews</i> , 2016, 35, 16-23.	1.5	72
11	Removal of tetracycline antibiotic from contaminated water media by multi-walled carbon nanotubes: operational variables, kinetics, and equilibrium studies. <i>Water Science and Technology</i> , 2016, 74, 1202-1216.	1.2	66
12	Preparation, characterization, and application of activated carbon from low-cost material for the adsorption of tetracycline antibiotic from aqueous solutions. <i>Water Science and Technology</i> , 2016, 74, 2349-2363.	1.2	66
13	Data of adsorption of Basic Blue 41 dye from aqueous solutions by activated carbon prepared from filamentous algae. <i>Data in Brief</i> , 2018, 21, 1008-1013.	0.5	58
14	Application of low-cost material for adsorption of dye from aqueous solution. <i>International Journal of Environmental Analytical Chemistry</i> , 2022, 102, 254-269.	1.8	54
15	Investigation of SARS CoV-2 virus in environmental surface. <i>Environmental Research</i> , 2021, 195, 110765.	3.7	53
16	A comprehensive study (kinetic, thermodynamic and equilibrium) of arsenic (V) adsorption using KMnO ₄ modified clinoptilolite. <i>Korean Journal of Chemical Engineering</i> , 2015, 32, 2078-2086.	1.2	52
17	Highly effective degradation of 2,4-Dichlorophenoxyacetic acid herbicide in a three-dimensional sono-electro-Fenton (3D/SEF) system using powder activated carbon (PAC)/Fe ₃ O ₄ as magnetic particle electrode. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105889.	3.3	52
18	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

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19	Comparison of normal and dusty day impacts on fractional exhaled nitric oxide and lung function in healthy children in Ahvaz, Iran. <i>Environmental Science and Pollution Research</i> , 2017, 24, 12360-12371.	2.7	49
20	Reactive Red 120 dye removal from aqueous solution by adsorption on nano-alumina. <i>Journal of Water Chemistry and Technology</i> , 2014, 36, 125-133.	0.2	48
21	Degradation of diazinon from aqueous solutions by electro-Fenton process: effect of operating parameters, intermediate identification, degradation pathway, and optimization using response surface methodology (RSM). <i>Separation Science and Technology</i> , 2021, 56, 2287-2299.	1.3	47
22	Removal of natural organic matter (NOM) from an aqueous solution by NaCl and surfactant-modified clinoptilolite. <i>Journal of Water and Health</i> , 2015, 13, 394-405.	1.1	40
23	Risk of morbidity attributed to ambient PM ₁₀ in the western cities of Iran. <i>Toxin Reviews</i> , 2018, 37, 313-318.	1.5	40
24	Waste sludge from shipping docks as a catalyst to remove amoxicillin in water with hydrogen peroxide and ultrasound. <i>Ultrasonics Sonochemistry</i> , 2020, 68, 105187.	3.8	40
25	Adsorption of Basic Violet 16 dye from aqueous solution onto mucilaginous seeds of <i>Salvia sclarea</i> : kinetics and isotherms studies. , 0, 161, 365-375.		39
26	Investigation of SARS-CoV-2 in hospital indoor air of COVID-19 patients' ward with impinger method. <i>Environmental Science and Pollution Research</i> , 2021, 28, 50480-50488.	2.7	38
27	Effects of PM _{2.5} and NO ₂ on the 8-isoprostane and lung function indices of FVC and FEV ₁ in students of Ahvaz city, Iran. <i>Saudi Journal of Biological Sciences</i> , 2019, 26, 473-480.	1.8	35
28	Magnetic nanocomposite of filamentous algae activated carbon for efficient elimination of cephalixin from aqueous media. <i>Korean Journal of Chemical Engineering</i> , 2020, 37, 80-92.	1.2	34
29	Degradation of basic violet 16 dye by electro-activated persulfate process from aqueous solutions and toxicity assessment using microorganisms: determination of by-products, reaction kinetic and optimization using Box-Behnken design. <i>International Journal of Chemical Reactor Engineering</i> , 2021, 19, 261-275.	0.6	33
30	Enhanced electrocatalytic degradation of 2,4-Dinitrophenol (2,4-DNP) in three-dimensional sono-electrochemical (3D/SEC) process equipped with Fe/SBA-15 nanocomposite particle electrodes: Degradation pathway and application for real wastewater. <i>Arabian Journal of Chemistry</i> , 2022, 15, 103801.	2.3	33
31	Electrochemical degradation of 2,4-Dinitrotoluene (DNT) from aqueous solutions using three-dimensional electrocatalytic reactor (3DER): Degradation pathway, evaluation of toxicity and optimization using RSM-CCD. <i>Arabian Journal of Chemistry</i> , 2022, 15, 103648.	2.3	32
32	Isotherm and kinetic studies on the adsorption of nitrate onto nanoalumina and iron-modified pumice. <i>Desalination and Water Treatment</i> , 2016, 57, 5480-5487.	1.0	31
33	Data on cephalixin removal using powdered activated carbon (PPAC) derived from pomegranate peel. <i>Data in Brief</i> , 2018, 20, 1434-1439.	0.5	31
34	Optimising the basic violet 16 adsorption from aqueous solutions by magnetic graphene oxide using the response surface model based on the Box-Behnken design. <i>International Journal of Environmental Analytical Chemistry</i> , 2021, 101, 758-777.	1.8	29
35	Evaluation of masks' internal and external surfaces used by health care workers and patients in coronavirus-2 (SARS-CoV-2) wards. <i>Environmental Research</i> , 2021, 196, 110948.	3.7	28
36	Cationic Surfactant-modified Clay as an Adsorbent for the Removal of Synthetic Dyes from Aqueous Solutions. <i>International Journal of Chemical Reactor Engineering</i> , 2018, 16, .	0.6	24

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37	Evaluation of knowledge and health behavior of University of Medical Sciences students about the prevention of COVID-19. <i>Work</i> , 2021, 68, 543-549.	0.6	24
38	An Association between air quality and COPD in Ahvaz, Iran. <i>Jundishapur Journal of Chronic Disease Care</i> , 2015, 4, .	0.1	24
39	Concentration of air pollutants as toxic matter in urban and rural areas of Ahvaz. <i>Toxin Reviews</i> , 2018, 37, 243-250.	1.5	22
40	Synthesis of magnetic Fe ₃ O ₄ /activated carbon prepared from banana peel (BPAC@Fe ₃ O ₄) and salvia seed (SSAC@Fe ₃ O ₄) and applications in the adsorption of Basic Blue 41 textile dye from aqueous solutions. <i>Applied Water Science</i> , 2022, 12, 1.	2.8	22
41	Investigating the relationship between occupation and SARS-CoV2. <i>Work</i> , 2021, 68, 27-32.	0.6	19
42	Enhancing the efficiency of electrochemical, Fenton, and electro-Fenton processes using SS316 and SS316/β ² -PbO ₂ anodes to remove oxytetracycline antibiotic from aquatic environments. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 11813-11830.	2.9	19
43	Estimation of long-term and short-term health effects attributed to PM _{2.5} standard pollutants in the air of Ardabil (using Air Q ⁺ model). <i>Environmental Science and Pollution Research</i> , 2022, 29, 21508-21516.	2.7	18
44	Investigation of SARS-CoV-2 virus on nozzle surfaces of fuel supply stations in North West of Iran. <i>Science of the Total Environment</i> , 2021, 780, 146641.	3.9	17
45	Applications of advanced oxidation processes (electro-Fenton and sono-electro-Fenton) for degradation of diazinon insecticide from aqueous solutions: optimization and modeling using RSM-CCD, influencing factors, evaluation of toxicity, and degradation pathway. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 10615-10632.	2.9	15
46	Removal of humic acid from aqueous media using Sono-Persulphate process: optimization and modelling with response surface methodology (RSM). <i>International Journal of Environmental Analytical Chemistry</i> , 2022, 102, 3707-3721.	1.8	14
47	SARS-CoV-2 in municipal wastewater treatment plant, collection network, and hospital wastewater. <i>Environmental Science and Pollution Research</i> , 2022, 29, 85577-85585.	2.7	14
48	Ultrasonic-assisted H ₂ O ₂ /TiO ₂ process in catechol degradation: kinetic, synergistic and optimisation via response surface methodology. <i>International Journal of Environmental Analytical Chemistry</i> , 2022, 102, 757-770.	1.8	13
49	Prediction of O ₃ in the respiratory system of children using the artificial neural network model and with selection of input based on gamma test, Ahvaz, Iran. <i>Environmental Science and Pollution Research</i> , 2019, 26, 10941-10950.	2.7	12
50	Sodium Dodecyl Sulfate Modified-Zeolite as a Promising Adsorbent for the Removal of Natural Organic Matter From Aqueous Environments. <i>Health Scope</i> , 2016, 5, .	0.4	10
51	Assessment of types of bacterial bio-aerosols and concentrations in the indoor air of gyms. <i>Environmental Geochemistry and Health</i> , 2021, 43, 2165-2173.	1.8	9
52	Kinetic studies on the removal of phenol by MBBR from saline wastewater. <i>Journal of Environmental Health Science & Engineering</i> , 2017, 15, 22.	1.4	8
53	Efficiency of sequencing batch reactor for removal of organic matter in the effluent of petroleum wastewater. <i>Data in Brief</i> , 2018, 19, 2041-2046.	0.5	8
54	Evaluation of Cefixime Toxicity Treated With Sono-electro-Fenton Process by Bioassay Using Microorganisms. <i>Avicenna Journal of Environmental Health Engineering</i> , 2021, 8, 22-27.	0.3	8

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55	Identification coronavirus (SARS-CoV-2) and physicochemical qualities in various water sources and the efficiency of water treatment plants in their removal- case study: Northwest region of Iran. <i>Applied Water Science</i> , 2022, 12, 89.	2.8	7
56	Antibacterial effect of TiO ₂ modified with poly-amidoamine dendrimer " G3 on S. aureus and E. coli in aqueous solutions. <i>Water Science and Technology</i> , 2022, 85, 605-616.	1.2	6
57	Health risk assessment of heavy metals in dust particles precipitated on the screen of computer monitors. <i>Environmental Science and Pollution Research</i> , 2021, 28, 40771-40781.	2.7	5
58	Identifying and counting zooplanktons and crustaceans in water of Karun River, Ahvaz city, Iran. <i>Sustainable Water Resources Management</i> , 2019, 5, 1929-1938.	1.0	4
59	Sono-synthesised algae-based magnetic mesoporous adsorbent for dye adsorption: Characterization, reusability and toxicity assessment. <i>International Journal of Environmental Analytical Chemistry</i> , 2023, 103, 9409-9431.	1.8	2
60	Environmental Health and Safety Assessment of Schools in Khalkhal City Using Crisis Management Approach. <i>Health in Emergencies & Disasters Quarterly</i> , 2020, 5, 91-98.	0.1	1
61	Answers to the comments on "Air pollution, biological marker and lung function in children". <i>Environmental Science and Pollution Research</i> , 2018, 25, 27669-27671.	2.7	0
62	Answers to the comments on "air born possibility of covid19 virus". <i>Environmental Science and Pollution Research</i> , 2021, 28, 58814-58815.	2.7	0
63	Kinetic Study of the Adsorption of Natural Organic Matter From Aqueous Solution by Surfactant Modified Zeolite. <i>Jundishapur Journal of Health Sciences</i> , 2015, 7, .	0.1	0
64	Kinetic Study of the Adsorption of Natural Organic Matter From Aqueous Solution by Surfactant Modified Zeolite. <i>Jundishapur Journal of Health Sciences</i> , 2015, 7, .	0.1	0
65	The Risk of Novel Coronavirus Infection among Healthcare Workers in a Therapeutic Center in Ardabil County, Northwest of Iran: A Descriptive Cross-Sectional Study (2021). <i>Journal of Occupational Health and Epidemiology</i> , 2021, 10, 282-287.	0.1	0