Mehdi Vosoughi Niri

List of Publications by Year
in descending order

65 papers	2,315 citations	172386 29 h-index	233338 45 g-index
67 all docs	67 docs citations	67 times ranked	2277 citing authors

#	Article	IF	Citations
1	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. Biomass Conversion and Biorefinery, 2023, 13, 10615-10632.	2.9	15
2	Enhancing the efficiency of electrochemical, Fenton, and electro-Fenton processes using SS316 and SS316/Î²-PbO2 anodes to remove oxytetracycline antibiotic from aquatic environments. Biomass Conversion and Biorefinery, 2023, 13, 11813-11830.	2.9	19
3	Sono-synthesised algae-based magnetic mesoporous adsorbent for dye adsorption: Characterization, reusability and toxicity assessment. International Journal of Environmental Analytical Chemistry, 2023, 103, 9409-9431.	1.8	2
4	Removal of humic acid from aqueous media using Sono-Persulphate process: optimization and modelling with response surface methodology (RSM). International Journal of Environmental Analytical Chemistry, 2022, 102, 3707-3721.	1.8	14
5	Ultrasonic-assisted H₂O₂/TiO₂ process in catechol degradation: kinetic, synergistic and optimisation via response surface methodology. International Journal of Environmental Analytical Chemistry, 2022, 102, 757-770.	1.8	13
6	SARS-CoV-2 in municipal wastewater treatment plant, collection network, and hospital wastewater. Environmental Science and Pollution Research, 2022, 29, 85577-85585.	2.7	14
7	Application of low-cost material for adsorption of dye from aqueous solution. International Journal of Environmental Analytical Chemistry, 2022, 102, 254-269.	1.8	54
8	Estimation of long-term and short-term health effects attributed to PM2.5 standard pollutants in the air of Ardabil (using Air Qâ€‰+â€‰model). Environmental Science and Pollution Research, 2022, 29, 21508-21516.	2.7	18
9	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. Arabian Journal of Chemistry, 2022, 15, 103648.	2.3	32
10	Antibacterial effect of TiO2 modified with poly-amidoamine dendrimer â€“ G3 on S. aureus and E. coli in aqueous solutions. Water Science and Technology, 2022, 85, 605-616.	1.2	6
11	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. Applied Water Science, 2022, 12, 89.	2.8	7
12	Synthesis of magnetic Fe3O4/activated carbon prepared from banana peel (BPAC@Fe3O4) and salvia seed (SSAC@Fe3O4) and applications in the adsorption of Basic Blue 41 textile dye from aqueous solutions. Applied Water Science, 2022, 12, 1.	2.8	22
13	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. Arabian Journal of Chemistry, 2022, 15, 103801.	2.3	33
14	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). Separation Science and Technology, 2021, 56, 2287-2299.	1.3	47
15	Optimising the basic violet 16 adsorption from aqueous solutions by magnetic graphene oxide using the response surface model based on the Boxâ€“Behnken design. International Journal of Environmental Analytical Chemistry, 2021, 101, 758-777.	1.8	29
16	Assessment of types of bacterial bio-aerosols and concentrations in the indoor air of gyms. Environmental Geochemistry and Health, 2021, 43, 2165-2173.	1.8	9
17	Investigating the relationship between occupation and SARS-CoV2. Work, 2021, 68, 27-32.	0.6	19
18	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 Boxâ€“Behnken design. International Journal of Chemical Reactor Engineering, 2021, 19, 261-275.	0.6	33

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19	Health risk assessment of heavy metals in dust particles precipitated on the screen of computer monitors. Environmental Science and Pollution Research, 2021, 28, 40771-40781.	2.7	5
20	Evaluation of knowledge and health behavior of University of Medical Sciences students about the prevention of COVID-19. Work, 2021, 68, 543-549.	0.6	24
21	Investigation of SARS CoV-2 virus in environmental surface. Environmental Research, 2021, 195, 110765.	3.7	53
22	Evaluation of masksâ€™ internal and external surfaces used by health care workers and patients in coronavirus-2 (SARS-CoV-2) wards. Environmental Research, 2021, 196, 110948.	3.7	28
23	Investigation of SARS-CoV-2 in hospital indoor air of COVID-19 patientsâ€™ ward with impinger method. Environmental Science and Pollution Research, 2021, 28, 50480-50488.	2.7	38
24	Evaluation of Cefixime Toxicity Treated With Sono-electro-Fenton Process by Bioassay Using Microorganisms. Avicenna Journal of Environmental Health Engineering, 2021, 8, 22-27.	0.3	8
25	Application of Boxâ€“Behnken design for optimizing parameters of hexavalent chromium removal from aqueous solutions using Fe3O4 loaded on activated carbon prepared from alga: Kinetics and equilibrium study. Journal of Water Process Engineering, 2021, 42, 102113.	2.6	84
26	Investigation of SARS-CoV-2 virus on nozzle surfaces of fuel supply stations in North West of Iran. Science of the Total Environment, 2021, 780, 146641.	3.9	17
27	Answers to the comments on â€œair born possibility of covid19 virusâ€: Environmental Science and Pollution Research, 2021, 28, 58814-58815.	2.7	0
28	Highly effective degradation of 2,4-Dichlorophenoxyacetic acid herbicide in a three-dimensional sono-electro-Fenton (3D/SEF) system using powder activated carbon (PAC)/Fe3O4 as magnetic particle electrode. Journal of Environmental Chemical Engineering, 2021, 9, 105889.	3.3	52
29	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). Journal of Occupational Health and Epidemiology, 2021, 10, 282-287.	0.1	0
30	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. Arabian Journal of Chemistry, 2020, 13, 6122-6139.	2.3	90
31	Waste sludge from shipping docks as a catalyst to remove amoxicillin in water with hydrogen peroxide and ultrasound. Ultrasonics Sonochemistry, 2020, 68, 105187.	3.8	40
32	A novel, eco-friendly and green synthesis of PPAC-ZnO and PPAC-nZVI nanocomposite using pomegranate peel: Cephalexin adsorption experiments, mechanisms, isotherms and kinetics. Advanced Powder Technology, 2020, 31, 1612-1623.	2.0	93
33	Magnetic nanocomposite of filamentous algae activated carbon for efficient elimination of cephalexin from aqueous media. Korean Journal of Chemical Engineering, 2020, 37, 80-92.	1.2	34
34	Environmental Health and Safety Assessment of Schools in Khalkhal City Using Crisis Management Approach. Health in Emergencies & Disasters Quarterly, 2020, 5, 91-98.	0.1	1
35	Identifying and counting zooplanktons and crustaceans in water of Karun River, Ahvaz city, Iran. Sustainable Water Resources Management, 2019, 5, 1929-1938.	1.0	4
36	Prediction of O3 in the respiratory system of children using the artificial neural network model and with selection of input based on gamma test, Ahvaz, Iran. Environmental Science and Pollution Research, 2019, 26, 10941-10950.	2.7	12

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37	Effects of PM2.5 and NO2 on the 8-isoprostane and lung function indices of FVC and FEV1 in students of Ahvaz city, Iran. Saudi Journal of Biological Sciences, 2019, 26, 473-480.	1.8	35
38	Cationic Surfactant-modified Clay as an Adsorbent for the Removal of Synthetic Dyes from Aqueous Solutions. International Journal of Chemical Reactor Engineering, 2018, 16, .	0.6	24
39	Concentration of air pollutants as toxic matter in urban and rural areas of Ahvaz. Toxin Reviews, 2018, 37, 243-250.	1.5	22
40	Risk of morbidity attributed to ambient PM₁₀in the western cities of Iran. Toxin Reviews, 2018, 37, 313-318.	1.5	40
41	A health risk assessment of heavy metals in people consuming Sohan in Qom, Iran. Toxin Reviews, 2018, 37, 278-286.	1.5	50
42	Data of adsorption of Basic Blue 41 dye from aqueous solutions by activated carbon prepared from filamentous algae. Data in Brief, 2018, 21, 1008-1013.	0.5	58
43	Data on cephalexin removal using powdered activated carbon (PPAC) derived from pomegranate peel. Data in Brief, 2018, 20, 1434-1439.	0.5	31
44	Efficiency of sequencing batch reactor for removal of organic matter in the effluent of petroleum wastewater. Data in Brief, 2018, 19, 2041-2046.	0.5	8
45	Answers to the comments on â€œAir pollution, biological marker and lung function in childrenâ€• Environmental Science and Pollution Research, 2018, 25, 27669-27671.	2.7	0
46	Landfill site selection using GIS and AHP: a case study: Behbahan, Iran. KSCE Journal of Civil Engineering, 2017, 21, 111-118.	0.9	102
47	Comparison of normal and dusty day impacts on fractional exhaled nitric oxide and lung function in healthy children in Ahvaz, Iran. Environmental Science and Pollution Research, 2017, 24, 12360-12371.	2.7	49
48	Kinetic studies on the removal of phenol by MBBR from saline wastewater. Journal of Environmental Health Science & Engineering, 2017, 15, 22.	1.4	8
49	Removal of tetracycline antibiotic from contaminated water media by multi-walled carbon nanotubes: operational variables, kinetics, and equilibrium studies. Water Science and Technology, 2016, 74, 1202-1216.	1.2	66
50	Preparation, characterization, and application of activated carbon from low-cost material for the adsorption of tetracycline antibiotic from aqueous solutions. Water Science and Technology, 2016, 74, 2349-2363.	1.2	66
51	Study of heavy metal levels in indoor dust and their health risk assessment in children of Ahvaz city, Iran. Toxin Reviews, 2016, 35, 16-23.	1.5	72
52	N-doped TiO2 nanosheets for photocatalytic degradation and mineralization of diazinon under simulated solar irradiation: Optimization and modeling using a response surface methodology. Journal of Molecular Liquids, 2016, 220, 183-191.	2.3	114
53	Batch and column studies for the adsorption of chromium(VI) on low-cost Hibiscus Cannabinus kenaf, a green adsorbent. Journal of the Taiwan Institute of Chemical Engineers, 2016, 68, 80-89.	2.7	91
54	An evaluation of hospital admission respiratory disease attributed to sulfur dioxide ambient concentration in Ahvaz from 2011 through 2013. Environmental Science and Pollution Research, 2016, 23, 22001-22007.	2.7	83

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55	Isotherm and kinetic studies on the adsorption of nitrate onto nanoalumina and iron-modified pumice. Desalination and Water Treatment, 2016, 57, 5480-5487.	1.0	31
56	Sodium Dodecyl Sulfate Modified-Zeolite as a Promising Adsorbent for the Removal of Natural Organic Matter From Aqueous Environments. Health Scope, 2016, 5, .	0.4	10
57	A comprehensive study (kinetic, thermodynamic and equilibrium) of arsenic (V) adsorption using KMnO4 modified clinoptilolite. Korean Journal of Chemical Engineering, 2015, 32, 2078-2086.	1.2	52
58	Removal of natural organic matter (NOM) from an aqueous solution by NaCl and surfactant-modified clinoptilolite. Journal of Water and Health, 2015, 13, 394-405.	1.1	40
59	Cardiovascular and respiratory mortality attributed to ground-level ozone in Ahvaz, Iran. Environmental Monitoring and Assessment, 2015, 187, 487.	1.3	79
60	An Association between air quality and COPD in Ahvaz, Iran. Jundishapur Journal of Chronic Disease Care, 2015, 4, .	0.1	24
61	Kinetic Study of the Adsorption of Natural Organic Matter From Aqueous Solution by Surfactant Modified Zeolite. Jundishapur Journal of Health Sciences, 2015, 7, .	0.1	0
62	Kinetic Study of the Adsorption of Natural Organic Matter From Aqueous Solution by Surfactant Modified Zeolite. Jundishapur Journal of Health Sciences, 2015, 7, .	0.1	0
63	Reactive Red 120 dye removal from aqueous solution by adsorption on nano-alumina. Journal of Water Chemistry and Technology, 2014, 36, 125-133.	0.2	48
64	The adsorption of malachite green (MG) as a cationic dye onto functionalized multi walled carbon nanotubes. Korean Journal of Chemical Engineering, 2013, 30, 1603-1608.	1.2	97
65	Adsorption of Basic Violet 16 dye from aqueous solution onto mucilaginous seeds of Salvia sclarea: kinetics and isotherms studies. , 0, 161, 365-375.		39