

Mohammad Rafiee

List of Publications by Year in descending order

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62
papers

1,826
citations

331259

21
h-index

276539

41
g-index

63
all docs

63
docs citations

63
times ranked

1983
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative study of RSM and ANN for multiple target optimisation in coagulation/precipitation process of contaminated waters: mechanism and theory. <i>International Journal of Environmental Analytical Chemistry</i> , 2022, 102, 8519-8537.	1.8	12
2	Nanoplastics-induced oxidative stress, antioxidant defense, and physiological response in exposed Wistar albino rats. <i>Environmental Science and Pollution Research</i> , 2022, 29, 11332-11344.	2.7	25
3	Association of SARS-CoV-2 presence in sewage with public adherence to precautionary measures and reported COVID-19 prevalence in Tehran. <i>Science of the Total Environment</i> , 2022, 812, 152597.	3.9	11
4	Fate and inhibition of Bis (2-Ethylhexyl) phthalate in biophysical reactors for treating real landfill leachate. <i>Chemical Engineering Research and Design</i> , 2022, 160, 450-464.	2.7	6
5	Panobinostat, a Pan-HDAC Inhibitor, Substantially Decreases the Quiescent Population of Leukemic Cells either in Monoculture or in Co-culture with Bone Marrow Stromal Cells.. <i>International Journal of Cancer Management</i> , 2022, 15, .	0.2	1
6	Multi-Material, Multi-Process, Planar, and Nonplanar Additive Manufacturing of Piezoelectric Devices. <i>Advanced Engineering Materials</i> , 2022, 24, .	1.6	4
7	Circulatory miR-155 correlation with platelet and neutrophil recovery after autologous hematopoietic stem cell transplantation, a multivariate analysis. <i>International Journal of Hematology</i> , 2021, 114, 235-245.	0.7	6
8	A concise review on factors influencing the hematopoietic stem cell transplantation main outcomes. <i>Health Science Reports</i> , 2021, 4, e282.	0.6	13
9	Acute promyelocytic leukemia derived extracellular vesicles conserve PML-RAR α transcript from storage-inflicted degradation: a stable diagnosis tool in APL patients. <i>Annals of Hematology</i> , 2021, 100, 2241-2252.	0.8	1
10	Advances in Coaxial Additive Manufacturing and Applications. <i>Advanced Materials Technologies</i> , 2021, 6, 2100356.	3.0	11
11	Sewage Systems Surveillance for SARS-CoV-2: Identification of Knowledge Gaps, Emerging Threats, and Future Research Needs. <i>Pathogens</i> , 2021, 10, 946.	1.2	17
12	Degradation of atenolol by CuFe ₂ O ₄ /visible light/oxidant: Effects of electron acceptors, synergistic effects, degradation pathways, and mechanism. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021, 418, 113425.	2.0	9
13	Moore swab performs equal to composite and outperforms grab sampling for SARS-CoV-2 monitoring in wastewater. <i>Science of the Total Environment</i> , 2021, 790, 148205.	3.9	42
14	Transcription analysis of a histones modifiers panel coupled with critical tumor suppressor genes displayed frequent changes in patients with AML.. <i>Current Research in Translational Medicine</i> , 2021, 69, 103311.	1.2	2
15	Aspects of epidemiology, pathology, virology, immunology, transmission, prevention, prognosis, diagnosis, and treatment of COVID-19 Pandemic: A narrative review. <i>International Journal of Preventive Medicine</i> , 2021, 12, 38.	0.2	7
16	Effect of 50-Hz Magnetic Fields on Argyrophilic Nucleolar Organizer Regions in Bone Marrow Cells. <i>Avicenna Journal of Pharmaceutical Research</i> , 2021, 2, 20-24.	0.2	0
17	Serum and Saliva Concentrations of Biochemical Parameters in Men with Prostate Cancer and Benign Prostate Hyperplasia. <i>Laboratory Medicine</i> , 2020, 51, 243-251.	0.8	14
18	The Expression of P53, MDM2, c-myc, and P14ARF Genes in Newly Diagnosed Acute Lymphoblastic Leukemia Patients. <i>Indian Journal of Hematology and Blood Transfusion</i> , 2020, 36, 277-283.	0.3	4

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19	Significant Fatigue Life Enhancement in Multiscale Doubly-Modified Fiber/Epoxy Nanocomposites with Graphene Nanoplatelets and Reduced-Graphene Oxide. <i>Polymers</i> , 2020, 12, 2135.	2.0	9
20	Serum and Saliva Levels of Cancer Antigen 15-3, Carcinoembryonic Antigen, Estradiol, Vaspin, and Obestatin as Biomarkers for the Diagnosis of Breast Cancer in Postmenopausal Women. <i>Laboratory Medicine</i> , 2020, 51, 620-627.	0.8	8
21	Serum Interleukin-17, Carcinoembryonic Antigen, and Prostate-Specific Antigen in High Lipid Profile Individuals. <i>Journal of Interferon and Cytokine Research</i> , 2020, 40, 218-224.	0.5	0
22	The emerging risk of exposure to nano(micro)plastics on endocrine disturbance and reproductive toxicity: From a hypothetical scenario to a global public health challenge. <i>Environmental Pollution</i> , 2020, 261, 114158.	3.7	141
23	Multi-Material 3D and 4D Printing: A Survey. <i>Advanced Science</i> , 2020, 7, 1902307.	5.6	323
24	A Review on Applicable and Available Paraclinical Methods for Diagnosis of Coronavirus Disease-19. <i>Archives of Iranian Medicine</i> , 2020, 23, 794-800.	0.2	5
25	A comparative study on the toxicity of nano zero valent iron (nZVI) on aerobic granular sludge and flocculent activated sludge: Reactor performance, microbial behavior, and mechanism of toxicity. <i>Chemical Engineering Research and Design</i> , 2019, 129, 238-248.	2.7	42
26	Degradation and COD removal of trichlorophenol from wastewater using sulfite anion radicals in a photochemical process combined with a biological reactor: Mechanisms, degradation pathway, optimization and energy consumption. <i>Chemical Engineering Research and Design</i> , 2019, 123, 263-271.	2.7	45
27	Processing, manufacturing, and characterization of vibration damping in epoxy composites modified with graphene nanoplatelets. <i>Polymer Composites</i> , 2019, 40, 3914-3922.	2.3	27
28	Polycyclic aromatic hydrocarbons (PAHs) formation during the fast pyrolysis of hazardous health-care waste. <i>Chemosphere</i> , 2019, 227, 277-288.	4.2	23
29	Thyroid endocrine status and biochemical stress responses in adult male Wistar rats chronically exposed to pristine polystyrene nanoplastics. <i>Toxicology Research</i> , 2019, 8, 953-963.	0.9	44
30	Simultaneous reinforcement of matrix and fibers for enhancement of mechanical properties of graphene-modified laminated composites. <i>Polymer Composites</i> , 2019, 40, E1732-E1745.	2.3	26
31	Responses of flocculated activated sludge to bimetallic Ag-Fe nanoparticles toxicity: Performance, activity enzymatic, and bacterial community shift. <i>Journal of Hazardous Materials</i> , 2019, 366, 114-123.	6.5	28
32	Right ventricular dysfunction and associated factors in patients after coronary artery bypass grafting. <i>ARYA Atherosclerosis</i> , 2019, 15, 99-105.	0.4	3
33	Photo-assisted degradation of 2, 4, 6-trichlorophenol by an advanced reduction process based on sulfite anion radical: Degradation, dechlorination and mineralization. <i>Chemosphere</i> , 2018, 191, 156-165.	4.2	83
34	Neurobehavioral assessment of rats exposed to pristine polystyrene nanoplastics upon oral exposure. <i>Chemosphere</i> , 2018, 193, 745-753.	4.2	94
35	Indoor and outdoor concentrations of BTEX and formaldehyde in Tehran, Iran: effects of building characteristics and health risk assessment. <i>Environmental Science and Pollution Research</i> , 2018, 25, 27423-27437.	2.7	46
36	Water quality assessment of the most important dam (Latyan dam) in Tehran, Iran. <i>Environmental Science and Pollution Research</i> , 2018, 25, 29227-29239.	2.7	14

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37	Upregulation of miR-210 promotes differentiation of mesenchymal stem cells (MSCs) into osteoblasts. <i>Bosnian Journal of Basic Medical Sciences</i> , 2018, 18, 328-335.	0.6	13
38	Development of Aerobic Granular Sludge for Chemical Industries Wastewater Treatment. <i>Health Scope</i> , 2018, 7, .	0.4	3
39	Effect of Sulfur Mustard Toxicity on FLT3-ITD Gene Mutation in Sulfur Mustard Veterans. <i>Iranian Journal of Toxicology</i> , 2018, 12, 1-4.	0.1	0
40	Comparative treatment of textile wastewater by adsorption, Fenton, UV-Fenton and US-Fenton using magnetic nanoparticles-functionalized carbon (MNPs@C). <i>Journal of Industrial and Engineering Chemistry</i> , 2017, 56, 163-174.	2.9	117
41	Role of CODPCP/CODTotal ratio on p-chlorophenol toxicity towards aerobic granular sludge. <i>Journal of Industrial and Engineering Chemistry</i> , 2017, 54, 440-446.	2.9	12
42	Concentration of Alpha Fetoprotein and Beta-Human Chorionic Gonadotropin Tumor Markers in Sulfur Mustard-Exposed Veterans. <i>International Journal of Occupational and Environmental Medicine</i> , 2017, 8, 184-185.	4.1	1
43	Survey of Correlation Between Serum Transferrin Saturation and Platelet Indices in High School Female Students in the Northwest Iran. <i>International Journal of School Health</i> , 2017, In Press, .	0.2	1
44	Development of response surface methodology for optimization of phenol and p -chlorophenol adsorption on magnetic recoverable carbon. <i>Microporous and Mesoporous Materials</i> , 2016, 231, 192-206.	2.2	70
45	Rotating nanocomposite thin-walled beams undergoing large deformation. <i>Composite Structures</i> , 2016, 150, 191-199.	3.1	50
46	Down-Regulation of Ribosomal S6 kinase RPS6KA6 in Acute Myeloid Leukemia Patients. <i>Cell Journal</i> , 2016, 18, 159-64.	0.2	24
47	Nonlinear forced vibration response of smart two-phase nano-composite beams to external harmonic excitations. <i>Curved and Layered Structures</i> , 2015, 2, .	0.5	10
48	Lack of FLT3-TKD835 gene mutation in toxicity of sulfur mustard in Iranian veterans. <i>Iranian Journal of Basic Medical Sciences</i> , 2015, 18, 862-6.	1.0	2
49	Adsorption performance of packed bed column for nitrate removal using PAN-oxime-nano Fe ₂ O ₃ . <i>Journal of Environmental Health Science & Engineering</i> , 2014, 12, 90.	1.4	19
50	Detection and identification of Legionella species in hospital water supplies through Polymerase Chain Reaction (16S rRNA). <i>Journal of Environmental Health Science & Engineering</i> , 2014, 12, 83.	1.4	15
51	The Efficacy of Residual Chlorine Content on the Control of Legionella Spp. In Hospital Water Systems. <i>Iranian Journal of Public Health</i> , 2014, 43, 637-44.	0.3	4
52	Nonlinear free and forced thermo-electro-aero-elastic vibration and dynamic response of piezoelectric functionally graded laminated composite shells, Part I: Theory and analytical solutions. <i>Composite Structures</i> , 2013, 103, 179-187.	3.1	51
53	Nonlinear free and forced thermo-electro-aero-elastic vibration and dynamic response of piezoelectric functionally graded laminated composite shells. <i>Composite Structures</i> , 2013, 103, 188-196.	3.1	40
54	3-D thermo-elastic solution for continuously graded isotropic and fiber-reinforced cylindrical shells resting on two-parameter elastic foundations. <i>Applied Mathematical Modelling</i> , 2013, 37, 6556-6576.	2.2	15

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55	Large amplitude vibration of carbon nanotube reinforced functionally graded composite beams with piezoelectric layers. <i>Composite Structures</i> , 2013, 96, 716-725.	3.1	184
56	4-Chlorophenol inhibition on flocculent and granular sludge sequencing batch reactors treating synthetic industrial wastewater. <i>Desalination and Water Treatment</i> , 2012, 49, 307-316.	1.0	15
57	An investigation on primary resonance phenomena of elastic medium based single walled carbon nanotubes. <i>Mechanics Research Communications</i> , 2012, 44, 51-56.	1.0	22
58	An Analytical Study on Thermally Induced Vibration Analysis of FG Beams Using Different HSDTs. <i>Applied Mechanics and Materials</i> , 0, 249-250, 784-791.	0.2	5
59	Investigation of sequencing batch moving-bed biofilm reactor to biodegradation of cefixime as emerging pollutant in percent of easily degradable co-substrate. <i>International Journal of Environmental Analytical Chemistry</i> , 0, , 1-10.	1.8	1
60	Heterogeneous sonocatalytic degradation of atenolol using CuFe ₂ O ₄ from aqueous solution: effects of operational parameters, energy consumption and degradation mechanism. <i>International Journal of Environmental Analytical Chemistry</i> , 0, , 1-20.	1.8	5
61	Bis(2-ethylhexyl) phthalate inhibition on aerobic flocculent and granular sludge in the treatment of landfill leachate: a comparative study. <i>Biomass Conversion and Biorefinery</i> , 0, , 1.	2.9	1
62	The formation of aerobic granular sludge for the treatment of real landfill leachate using a granular sequencing batch reactor at a constant volume. <i>Environmental Quality Management</i> , 0, , .	1.0	0