Soleiman Mosleh

List of Publications by Year
in descending order

23	1,199	516215 16	642321 23
papers	citations	h-index	g-index

24	24	24	1264
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hybrid of sodium polytungstate polyoxometalate supported by the green substrate for photocatalytic degradation of auramine-O dye. Environmental Science and Pollution Research, 2022, 29, 56055-56067.	2.7	8
2	Ce/Eu redox couple functionalized HKUST-1 MOF insight to sono-photodegradation of malathion. Journal of Hazardous Materials, 2021, 409, 124478.	6.5	54
3	Photocatalytic reactors: Technological status, opportunities, and challenges for development and industrial upscaling. Interface Science and Technology, 2021, 32, 761-790.	1.6	7
4	New materials and equipment for photocatalytic degradation processes. Interface Science and Technology, 2021, 32, 673-723.	1.6	1
5	Preparation and evaluation of thermoplastic vulcanizate / organo-modified layered double hydroxide nanocomposite: Statistical modelling and optimization. Materials Today Communications, 2021, 26, 102046.	0.9	6
6	Magnetic nanoparticles-embedded nitrogen-doped carbon nanotube/porous carbon hybrid derived from a metal-organic framework as a highly efficient adsorbent for selective removal of Pb(II) ions from aqueous solution. Journal of Molecular Liquids, 2020, 318, 113987.	2.3	23
7	A dual surface inorganic molecularly imprinted Bi2WO6-CuO/Ag2O heterostructure with enhanced activity-selectivity towards the photocatalytic degradation of target contaminantst. Photochemical and Photobiological Sciences, 2020, 19, 943-955.	1.6	25
8	Development of Cigarette Carbonaceous Hydrochar/ZIF-67-Based Fluids for CO₂ Capture from a Gas Stream in a Packed Column: Mass-Transfer Performance Evaluation. Energy & Fuels, 2020, 34, 7295-7306.	2.5	18
9	Fluid based cigarette carbonaceous hydrochar supported ZIF-8 MOF for CO2 capture process: The engineering parameters determination for the packed bed column design. Chemical Engineering and Processing: Process Intensification, 2020, 153, 108001.	1.8	13
10	Bi₂WO₆/Ag₃PO₄â€“Ag Z-scheme heterojunction as a new plasmonic visible-light-driven photocatalyst: performance evaluation and mechanism study. New Journal of Chemistry, 2019, 43, 1275-1284.	1.4	58
11	One step integration of plasmonic Ag2CrO4/Ag/AgCl into HKUST-1-MOF as novel visible-light driven photocatalyst for highly efficient degradation of mixture dyes pollutants: Its photocatalytic mechanism and modeling. Polyhedron, 2019, 166, 217-225.	1.0	47
12	A Bi₂WO₆/Ag₂S/ZnS Z-scheme heterojunction photocatalyst with enhanced visible-light photoactivity towards the degradation of multiple dye pollutants. RSC Advances, 2019, 9, 30100-30111.	1.7	39
13	A rapid and efficient sonophotocatalytic process for degradation of pollutants: Statistical modeling and kinetics study. Journal of Molecular Liquids, 2018, 261, 291-302.	2.3	29
14	Sonophotocatalytic treatment of diazinon using visible lightâ€driven Ce:Cuâ€1,4â€BDOAH₂ photocatalyst in a batchâ€mode process: Response surface methodology and optimization. Applied Organometallic Chemistry, 2018, 32, e3962.	1.7	7
15	CO2 capture by amine-based aqueous solution containing atorvastatin functionalized mesocellular silica foam in a counter-current rotating packed bed: Central composite design modeling. Chemical Engineering Research and Design, 2018, 129, 64-74.	2.7	50
16	Sonochemical-assisted synthesis of CuO/Cu2O/Cu nanoparticles as efficient photocatalyst for simultaneous degradation of pollutant dyes in rotating packed bed reactor: LED illumination and central composite design optimization. Ultrasonics Sonochemistry, 2018, 40, 601-610.	3.8	202
17	Visibleâ€lightâ€driven photocatalytic degradation of fenpyroximate in rotating packed bed reactor using Fe₃O₄@PbS@Ni₂P magnetic nanocomposite photocatalyst: Response surface modelling and optimization. Applied Organometallic Chemistry, 2018, 32, e4513.	1.7	13
18	Ag 3 PO 4 /AgBr/Ag-HKUST-1-MOF composites as novel blue LED light active photocatalyst for enhanced degradation of ternary mixture of dyes in a rotating packed bed reactor. Chemical Engineering and Processing: Process Intensification, 2017, 114, 24-38.	1.8	94

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19	Intensification of abamectin pesticide degradation using the combination of ultrasonic cavitation and visible-light driven photocatalytic process: Synergistic effect and optimization study. Ultrasonics Sonochemistry, 2017, 35, 449-457.	3.8	58
20	Sonophotocatalytic degradation of trypan blue and vesuvine dyes in the presence of blue light active photocatalyst of Ag3PO4/Bi2S3-HKUST-1-MOF: Central composite optimization and synergistic effect study. Ultrasonics Sonochemistry, 2016, 32, 387-397.	3.8	136
21	HKUST-1-MOFâ€“BiVO₄ hybrid as a new sonophotocatalyst for simultaneous degradation of disulfine blue and rose bengal dyes: optimization and statistical modelling. RSC Advances, 2016, 6, 61516-61527.	1.7	66
22	BiPO₄/Bi₂S₃-HKUST-1-MOF as a novel blue light-driven photocatalyst for simultaneous degradation of toluidine blue and auramine-O dyes in a new rotating packed bed reactor: optimization and comparison to a conventional reactor. RSC Advances, 2016, 6, 63667-63680.	1.7	103
23	Photocatalytic degradation of binary mixture of toxic dyes by HKUST-1 MOF and HKUST-1-SBA-15 in a rotating packed bed reactor under blue LED illumination: central composite design optimization. RSC Advances, 2016, 6, 17204-17214.	1.7	140