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List of Publications by Year
in descending order

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49 papers	1,843 citations	218381 26 h-index	276539 41 g-index
53 all docs	53 docs citations	53 times ranked	1905 citing authors

#	Article	IF	Citations
1	Cationic dyes adsorption onto high surface area â€˜almond shellâ€™ activated carbon: Kinetics, equilibrium isotherms and surface statistical modeling. Materials Today Chemistry, 2018, 8, 121-132.	1.7	141
2	Acridine orange adsorption by zinc oxide/almond shell activated carbon composite: Operational factors, mechanism and performance optimization using central composite design and surface modeling. Journal of Environmental Management, 2018, 206, 383-397.	3.8	115
3	Recent trends on numerical investigations of response surface methodology for pollutants adsorption onto activated carbon materials: A review. Critical Reviews in Environmental Science and Technology, 2020, 50, 1043-1084.	6.6	109
4	Porous carbon by microwave assisted pyrolysis: An effective and low-cost adsorbent for sulfamethoxazole adsorption and optimization using response surface methodology. Journal of Cleaner Production, 2018, 202, 571-581.	4.6	108
5	Role of the chemical substitution on the structural and luminescence properties of the mixed halide perovskite thin MAPbI3â‹xBrx (0 â‰¤ x â‰¤ 1) films. Applied Surface Science, 2016, 371, 112-117.	3.1	98
6	Facile synthesis, characterization and photocatalytic performance of Zn3(PO4)2 platelets toward photodegradation of Rhodamine B dye. Journal of Environmental Chemical Engineering, 2018, 6, 1840-1847.	3.3	72
7	Electronic band structure and visible-light photocatalytic activity of Bi₂WO₆: elucidating the effect of lutetium doping. RSC Advances, 2016, 6, 101105-101114.	1.7	57
8	Compositionally Screened Eutectic Catalytic Coatings on Halide Perovskite Photocathodes for Photoassisted Selective CO₂ Reduction. ACS Energy Letters, 2019, 4, 1279-1286.	8.8	56
9	Novel Lu-doped Bi2WO6 nanosheets: Synthesis, growth mechanisms and enhanced photocatalytic activity under UV-light irradiation. Ceramics International, 2016, 42, 8552-8558.	2.3	53
10	Well-designed WO₃/Activated carbon composite for Rhodamine B Removal: Synthesis, characterization, and modeling using response surface methodology. Fullerenes Nanotubes and Carbon Nanostructures, 2018, 26, 389-397.	1.0	53
11	Congo red removal by PANi/Bi2WO6 nanocomposites: Kinetic, equilibrium and thermodynamic studies. Journal of Environmental Chemical Engineering, 2016, 4, 3096-3105.	3.3	51
12	Recent progress on the synthesis, morphology and photocatalytic dye degradation of BiVO ₄ photocatalysts: A review. Catalysis Reviews - Science and Engineering, 2024, 66, 214-258.	5.7	49
13	Selected pharmaceuticals removal using algae derived porous carbon: experimental, modeling and DFT theoretical insights. RSC Advances, 2019, 9, 9792-9808.	1.7	48
14	High extent mass recovery of alginate hydrogel beads network based on immobilized bio-sourced porous carbon@Fe3O4-NPs for organic pollutants uptake. Chemosphere, 2019, 236, 124351.	4.2	43
15	Kinetics, equilibrium, statistical surface modeling and cost analysis of paraquat removal from aqueous solution using carbonated jujube seed. RSC Advances, 2019, 9, 1084-1094.	1.7	43
16	Adsorption kinetics and surface modeling of aqueous methylene blue onto activated carbonaceous wood sawdust. Fullerenes Nanotubes and Carbon Nanostructures, 2018, 26, 433-442.	1.0	42
17	Carbon microspheres derived from walnut shell: Rapid and remarkable uptake of heavy metal ions, molecular computational study and surface modeling. Chemosphere, 2019, 231, 140-150.	4.2	42
18	Microwave assisted green synthesis of Fe₂O₃/biochar for ultrasonic removal of nonsteroidal anti-inflammatory pharmaceuticals. RSC Advances, 2020, 10, 11371-11380.	1.7	37

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19	Adsorptive Removal of Methylene Blue and Crystal Violet onto Micro-Mesoporous Zr₃O/Activated Carbon Composite: A Joint Experimental and Statistical Modeling Considerations. Journal of Chemistry, 2018, 2018, 1-14.	0.9	36
20	Reusable bentonite clay: modelling and optimization of hazardous lead andp-nitrophenol adsorption using a response surface methodology approach. RSC Advances, 2019, 9, 5756-5769.	1.7	35
21	Photocatalytic activity of anatase-brookite TiO2 nanoparticles synthesized by sol gel method at low temperature. Optical Materials, 2022, 129, 112256.	1.7	35
22	Photo/Electrocatalytic Properties of Nanocrystalline ZnO and Laâ€“Doped ZnO: Combined DFT Fundamental Semiconducting Properties and Experimental Study. ChemistrySelect, 2018, 3, 7778-7791.	0.7	34
23	Electrosynthesis of zinc phosphate-polypyrrole coatings for improved corrosion resistance of steel. Surfaces and Interfaces, 2019, 15, 224-231.	1.5	34
24	Mesoporous treated sewage sludge as outstanding low-cost adsorbent for cadmium removal. , 0, 85, 330-338.		33
25	Apatitic tricalcium phosphate powder: High sorption capacity of hexavalent chromium removal. Surfaces and Interfaces, 2018, 13, 139-147.	1.5	31
26	Combined Methane Energy Recovery and Toxic Dye Removal by Porous Carbon Derived from Anaerobically Modified Digestate. ACS Omega, 2019, 4, 9434-9445.	1.6	31
27	Preparation and Characterization of Porous Carbon@ZnOâ€NPs for Organic Compounds Removal: Classical Adsorption Versus Ultrasound Assisted Adsorption. ChemistrySelect, 2019, 4, 4981-4994.	0.7	30
28	Rietveld refinements, impedance spectroscopy and phase transition of the polycrystalline ZnMoO4 ceramics. Ceramics International, 2015, 41, 15193-15201.	2.3	28
29	Bismuth Silver Oxysulfide for Photoconversion Applications: Structural and Optoelectronic Properties. Chemistry of Materials, 2017, 29, 8679-8689.	3.2	28
30	Operando Elucidation on the Working State of Immobilized Fluorinated Iron Porphyrin for Selective Aqueous Electroreduction of CO₂ to CO. ACS Catalysis, 2021, 11, 6499-6509.	5.5	27
31	Carbonaceous material prepared by ultrasonic assisted pyrolysis from algae (Bifurcaria bifurcata): Response surface modeling of aspirin removal. Surfaces and Interfaces, 2019, 14, 61-71.	1.5	25
32	Removal of reactive red-198 dye using chitosan as an adsorbent: optimization by Central composite design coupled with response surface methodology. Toxin Reviews, 2021, 40, 225-237.	1.5	22
33	Electrocatalytic properties of hydroxyapatite thin films electrodeposited on stainless steel substrates. Mediterranean Journal of Chemistry, 2017, 6, 255-266.	0.3	21
34	Experimental Investigation of the Effects of Synthesis Parameters on the Precipitation of Calcium Carbonate and Portlandite from Moroccan Phosphogypsum and Pure Gypsum Using Carbonation Route. Waste and Biomass Valorization, 2020, 11, 6953-6965.	1.8	20
35	New amino group functionalized porous carbon for strong chelation ability towards toxic heavy metals. RSC Advances, 2020, 10, 31087-31100.	1.7	20
36	Structural, vibrational study and UV photoluminescence properties of the system Bi_(2â^'x)Lu_(x)WO₆ (0.1 â‰¤ x â‰¤ 1). RSC Advances, 2015, 5, 96242-96252.	1.7	18

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37	Nitrogen doped graphitic porous carbon from almond shells as an efficient persulfate activator for organic compound degradation. New Journal of Chemistry, 2020, 44, 9391-9401.	1.4	17
38	MAPbI2.9-xBrxCl0.1 hybrid halide perovskites: Shedding light on the effect of chloride and bromide ions on structural and photoluminescence properties. Applied Surface Science, 2016, 390, 744-750.	3.1	16
39	Electron microscopy analyses and electrical properties of the layered Bi2WO6 phase. Journal of Solid State Chemistry, 2013, 203, 8-18.	1.4	15
40	UV-light photocatalytic properties of the bismuth lutetium tungstate system Bi2-xLuxWO6 (0Ââ‰ÂxÂâ‰Â1). Materials Letters, 2020, 276, 128221.	1.3	14
41	CO2 Electroreduction over Metallic Oxide, Carbon-Based, and Molecular Catalysts: A Mini-Review of the Current Advances. Catalysts, 2022, 12, 450.	1.6	14
42	Structural, microstructural and vibrational analyses of the monoclinic tungstate BiLuWO6. Journal of Solid State Chemistry, 2014, 218, 124-130.	1.4	12
43	The Growth of Photoactive Porphyrin-Based MOF Thin Films Using the Liquid-Phase Epitaxy Approach and their Optoelectronic Properties. Materials, 2019, 12, 2457.	1.3	11
44	Novel synthesis, characterization and optical properties of Lu2O3 deposited by electrochemical method. Materials Letters, 2015, 160, 415-418.	1.3	7
45	Synthesis and luminescence spectroscopy study of a novel orangeâ€red colour emissions phosphor based on Tb³⁺ ionâ€doped Na₂ZnP₂O₇. Luminescence, 2021, 36, 489-496.	1.5	5
46	Electrical impedance spectroscopy analyses and optical properties of the bismuth lutetium tungstate BiLuWO₆. Ferroelectrics, 2017, 515, 112-119.	0.3	1
47	Synthesis, structural and the corrosion inhibition of phosphate-based xPbOâ€“yB2O3â€“zP2O5 glass for C35 steel in acidic media. Nanotechnology for Environmental Engineering, 2022, 7, 277-287.	2.0	1
48	Effects of lutetium doping on the X-ray-excited luminescence properties of theÂtungstate Zn1âˆ’x Lu x WO4. Research on Chemical Intermediates, 2017, 43, 885-899.	1.3	0
49	Fabrication, characterization and competitive study of toxic dyes adsorption onto Mg3Al-CO32âˆ’ clay adsorbent. Nanotechnology for Environmental Engineering, 0, , 1.	2.0	0