

Zareen Zuhra

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

561
citations

566801

15
h-index

642321

23
g-index

23
all docs

23
docs citations

23
times ranked

686
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly Dispersed HKUST-1 on Millimeter-Sized Mesoporous γ -Al ₂ O ₃ Beads for Highly Effective Adsorptive Desulfurization. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 7249-7258.	1.8	56
2	Confinement of microporous MOF-74(Ni) within mesoporous γ -Al ₂ O ₃ beads for excellent ultra-deep and selective adsorptive desulfurization performance. <i>Fuel Processing Technology</i> , 2018, 176, 276-282.	3.7	52
3	Synthesis of γ -alumina (Al ₂ O ₃) nanoparticles and their potential for use as an adsorbent in the removal of methylene blue dye from industrial wastewater. <i>Nanoscale Advances</i> , 2019, 1, 213-218.	2.2	52
4	Phosphotungstic acid immobilized on amino functionalized spherical millimeter-sized mesoporous γ -Al ₂ O ₃ bead and its superior performance in oxidative desulfurization of dibenzothiophene. <i>Fuel</i> , 2016, 181, 827-835.	3.4	47
5	High-throughput synthesis of cross-linked poly(cyclotriphosphazene-co-bis(aminomethyl)ferrocene) microspheres and their performance as a superparamagnetic, electrochemical, fluorescent and adsorbent material. <i>Chemical Engineering Journal</i> , 2017, 315, 448-458.	6.6	40
6	Single-Step Fabrication of Visible-Light-Active ZnO-GaN:ZnO Branched Nanowire Array Photoanodes for Efficient Water Splitting. <i>ACS Applied Energy Materials</i> , 2018, 1, 3529-3536.	2.5	31
7	Cu-Mn-Ce mixed oxides catalysts for soot oxidation and their mechanistic chemistry. <i>Applied Surface Science</i> , 2020, 512, 145602.	3.1	31
8	Ultra-deep removal of Pb by functionality tuned UiO-66 framework: A combined experimental, theoretical and HSAB approach. <i>Chemosphere</i> , 2021, 284, 131305.	4.2	29
9	Morphology Control of Novel Cross-Linked Ferrocenedimethanol Derivative Cyclophosphazenes: From Microspheres to Nanotubes and Their Enhanced Physicochemical Performances. <i>Journal of Physical Chemistry B</i> , 2019, 123, 4148-4156.	1.2	27
10	Two series of reactant's ratio-dependent lanthanide organic frameworks derived from nicotinic acid N-oxide and oxalate: synthesis, crystal structures and luminescence properties. <i>Dalton Transactions</i> , 2015, 44, 4601-4612.	1.6	25
11	Synthesis, Structure, and Photoluminescence of Color-Tunable and White-Light-Emitting Lanthanide Metal-Organic Open Frameworks Composed of AlMo ₆ (OH) ₆ O ₁₈ Poly-anion and Nicotinate. <i>Inorganic Chemistry</i> , 2017, 56, 156-166.	1.9	21
12	Exceptionally amino-quantitated 3D MOF@CNT-sponge hybrid for efficient and selective recovery of Au(III) and Pd(II). <i>Chemical Engineering Journal</i> , 2022, 431, 133367.	6.6	21
13	Tailoring Defect Density in UiO-66 Frameworks for Enhanced Pb(II) Adsorption. <i>Langmuir</i> , 2021, 37, 13602-13609.	1.6	19
14	Enhanced adsorptive desulfurization by iso-structural amino bearing IRMOF-3 and IRMOF-3@Al ₂ O ₃ versus MOF-5 and MOF-5@Al ₂ O ₃ revealing the predominant role of hydrogen bonding. <i>Dalton Transactions</i> , 2019, 48, 14792-14800.	1.6	18
15	Poly(ferrocenedimethano)cyclotriphosphazene to Homogenously Fe, N, P, O Doped Carbon Nanotubes: An Efficient and Tremendous Electrocatalyst for Oxygen Reduction Reaction. <i>Journal of the Electrochemical Society</i> , 2019, 166, H297-H303.	1.3	18
16	A facile synthesis, structural morphology and fluorescent properties of cross-linked poly(cyclotriphosphazene-co-1,3,5-tri(4-hydroxyphenyl)benzene) hybrid copolymer microspheres. <i>New Journal of Chemistry</i> , 2016, 40, 8418-8423.	1.4	15
17	In situ formation of a multiporous MOF(Al)@ γ -AlOOH composite material: A versatile adsorbent for both N- and S-heterocyclic fuel contaminants with high selectivity. <i>Chemical Engineering Journal</i> , 2019, 360, 1623-1632.	6.6	14
18	Necessity of calcination in the preparation of phosphotungstic acid@TiO ₂ composites. A case study on the facile sol-gel synthesis of nanospheres and their superior performance in catalytic oxi-desulfurization. <i>New Journal of Chemistry</i> , 2017, 41, 8382-8389.	1.4	13

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19	Layer-by-layer assembly of Cu ₃ (BTC) ₂ on chitosan non-woven fabrics: a promising haemostatic decontaminant composite material against sulfur mustard. Journal of Materials Chemistry B, 2017, 5, 6138-6146.	2.9	12
20	Ferrocene-Based Bioactive Bimetallic Thiourea Complexes: Synthesis and Spectroscopic Studies. Bioinorganic Chemistry and Applications, 2015, 2015, 1-9.	1.8	11
21	One-pot synthesis and characterization of a dual-function hierarchical multiporous composite H ₃ PW ₁₂ O ₄₀ @HKUST-1/Al ₂ O ₃ with enhanced performance in adsorptive desulfurization and acid catalysis. Journal of Coordination Chemistry, 2020, 73, 2479-2498.	0.8	5
22	Calcined polycyclotriphosphazene@NiAl-LDH@Rh Ni1-: A novel hierarchically oriented composition tunable catalyst for green and sustainable hydrogen generation. Journal of Environmental Chemical Engineering, 2022, 10, 107645.	3.3	1