

Houssam Rassy

List of Publications by Year in descending order

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38
papers

2,074
citations

361045

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h-index

315357

38
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docs citations

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times ranked

2960
citing authors

#	ARTICLE	IF	CITATIONS
1	Photocatalytic activity of ZnFe ₂ O ₄ /NiO nanocomposites carried out under UV irradiation. <i>Ceramics International</i> , 2022, 48, 30905-30916.	2.3	9
2	Chitosan oligosaccharide/silica nanoparticles hybrid porous gel for mercury adsorption and detection. <i>Materials Today Communications</i> , 2021, 28, 102707.	0.9	13
3	Curcumin-loaded metal oxide aerogels: supercritical drying and stability. <i>RSC Advances</i> , 2021, 11, 34479-34486.	1.7	1
4	Molecularly imprinted phenyl-functionalized silica aerogels: Selective adsorbents for methylxanthines and PAHs. <i>Microporous and Mesoporous Materials</i> , 2020, 292, 109759.	2.2	33
5	Hybrid CaO/Al ₂ O ₃ aerogel as heterogeneous catalyst for biodiesel production. <i>Chemical Engineering Journal</i> , 2020, 385, 123834.	6.6	88
6	Nickel-Aluminum Oxide Aerogels: Super-adsorbents for Azo Dyes for Water Remediation. <i>ACS Omega</i> , 2020, 5, 27401-27412.	1.6	9
7	Entrapment vs. immobilization of polyoxometalates into silica and titania aerogels: Application in heterogeneous oxidation catalysis. <i>Materials Chemistry and Physics</i> , 2020, 252, 123296.	2.0	6
8	Photocatalytic and Kinetic Study on the Degradation of Three Food Pesticides Using Vanadium-Substituted Polyoxotungstates. <i>International Journal of Environmental Research</i> , 2019, 13, 899-907.	1.1	7
9	Equilibrium and kinetic studies on adsorption of chromium(VI) onto pine-needle-generated activated carbon. <i>SN Applied Sciences</i> , 2019, 1, 1.	1.5	7
10	Surface and structural studies in a PbCrO ₄ Liesegang pattern with revert spacing. <i>Chemical Physics Letters</i> , 2019, 734, 136735.	1.2	4
11	Synthesis and characterisation of mesoporous hybrid silica-polyoxometalate aerogels for photocatalytic degradation of rhodamine B and methylene blue. <i>International Journal of Environmental Analytical Chemistry</i> , 2019, 99, 1375-1396.	1.8	22
12	Liesegang bands versus random crystallites in Ag ₂ Cr ₂ O ₇ Single and mixed gelled media. <i>Chemical Physics Letters</i> , 2018, 693, 198-201.	1.2	7
13	Assessment of the Physico-Chemical Properties of Waste Cooking Oil and Spent Coffee Grounds Oil for Potential Use as Asphalt Binder Rejuvenators. <i>Waste and Biomass Valorization</i> , 2018, 9, 2125-2132.	1.8	36
14	Simulation of geochemical banding I: Acidization-precipitation experiments in a ferruginous limestone rock. <i>Chemical Geology</i> , 2016, 440, 42-49.	1.4	15
15	Self-assembled lanthanum hydroxide microspheres within a reaction-diffusion framework: synthesis, characterization, control and application. <i>RSC Advances</i> , 2016, 6, 3433-3439.	1.7	11
16	Activated carbon prepared from crushed pine needles used for the removal of Ni and Cd. <i>Desalination and Water Treatment</i> , 2015, 53, 3371-3380.	1.0	8
17	Surface-functionalized silica aerogels and alcogels for methylene blue adsorption. <i>RSC Advances</i> , 2015, 5, 6111-6122.	1.7	53
18	Liesegang banding and multiple precipitate formation in cobalt phosphate systems. <i>Chemical Physics Letters</i> , 2012, 525-526, 54-59.	1.2	21

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37	Reactivity of selected volatile organic compounds (VOCs) toward the sulfate radical (SO ₄ ^{•-}). International Journal of Chemical Kinetics, 2001, 33, 539-547.	1.0	45
38	Photodegradation of methylene blue catalyzed by tungstophosphate/aerogel hybrid materials under ultraviolet irradiation. , 0, 195, 321-333.		0