

João P Vareda

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

1,095
citations

623734

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839539

18
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docs citations

18
times ranked

1220
citing authors

#	ARTICLE	IF	CITATIONS
1	A New Schiff Base Organically Modified Silica Aerogel-Like Material for Metal Ion Adsorption with Ni Selectivity. <i>Adsorption Science and Technology</i> , 2022, 2022, .	3.2	4
2	Thermal Conductivity of Nanoporous Materials: Where Is the Limit?. <i>Polymers</i> , 2022, 14, 2556.	4.5	15
3	Ligands as copper and nickel ionophores: Applications and implications on wastewater treatment. <i>Advances in Colloid and Interface Science</i> , 2021, 289, 102364.	14.7	3
4	Insights on toxicity, safe handling and disposal of silica aerogels and amorphous nanoparticles. <i>Environmental Science: Nano</i> , 2021, 8, 1177-1195.	4.3	23
5	Silica Aerogels/Xerogels Modified with Nitrogen-Containing Groups for Heavy Metal Adsorption. <i>Molecules</i> , 2020, 25, 2788.	3.8	19
6	Amine Modification of Silica Aerogels/Xerogels for Removal of Relevant Environmental Pollutants. <i>Molecules</i> , 2019, 24, 3701.	3.8	24
7	Assessment of heavy metal pollution from anthropogenic activities and remediation strategies: A review. <i>Journal of Environmental Management</i> , 2019, 246, 101-118.	7.8	568
8	Effect of different silylation agents on the properties of ambient pressure dried and supercritically dried vinyl-modified silica aerogels. <i>Journal of Supercritical Fluids</i> , 2019, 147, 81-89.	3.2	62
9	Efficient adsorption of multiple heavy metals with tailored silica aerogel-like materials. <i>Environmental Technology (United Kingdom)</i> , 2019, 40, 529-541.	2.2	41
10	Effect of different types of surfactants on the microstructure of methyltrimethoxysilane-derived silica aerogels: A combined experimental and computational approach. <i>Journal of Colloid and Interface Science</i> , 2018, 512, 64-76.	9.4	44
11	A reconsideration on the definition of the term aerogel based on current drying trends. <i>Microporous and Mesoporous Materials</i> , 2018, 258, 211-216.	4.4	112
12	Facile preparation of ambient pressure dried aerogel-like monoliths with reduced shrinkage based on vinyl-modified silica networks. <i>Ceramics International</i> , 2018, 44, 17453-17458.	4.8	24
13	Functionalized silica xerogels for adsorption of heavy metals from groundwater and soils. <i>Journal of Sol-Gel Science and Technology</i> , 2017, 84, 400-408.	2.4	26
14	Exploring the Versatile Surface Chemistry of Silica Aerogels for Multipurpose Application. <i>MRS Advances</i> , 2017, 2, 3511-3519.	0.9	17
15	Spectroscopic characterization of silica aerogels prepared using several precursors " effect on the formation of molecular clusters. <i>New Journal of Chemistry</i> , 2017, 41, 6742-6759.	2.8	25
16	Flexible acrylate-grafted silica aerogels for insulation purposes: comparison of reinforcement strategies. <i>Journal of Sol-Gel Science and Technology</i> , 2016, 80, 306-317.	2.4	16
17	Heavy metals in Iberian soils: Removal by current adsorbents/amendments and prospective for aerogels. <i>Advances in Colloid and Interface Science</i> , 2016, 237, 28-42.	14.7	70