# JoÃ£o P Vareda

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2886042/publications.pdf

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|---|---|---|---|
| 17 papers | 1,095 citations | 623734 14 h-index | 839539 18 g-index |
| 18 all docs | 18 docs citations | 18 times ranked | 1220 citing authors |

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