Francisco Javier Osuna Barroso

List of Publications by Year
in descending order

20 papers	187 citations	1163117 8 h-index	1125743 13 g-index
20 all docs	20 docs citations	20 times ranked	163 citing authors

#	Article	IF	Citations
1	By-products revaluation in the production of design micaceous materials. Applied Clay Science, 2021, 214, 106292.	5.2	1
2	Designed organomicaceous materials for efficient adsorption of iodine. Journal of Environmental Chemical Engineering, 2021, 9, 106577.	6.7	9
3	An insight on the design of mercapto functionalized swelling brittle micas. Journal of Colloid and Interface Science, 2020, 561, 533-541.	9.4	5
4	Multiple pollutants removal by functionalized heterostructures based on Na-2-Mica. Applied Clay Science, 2020, 196, 105749.	5.2	8
5	Bionanocomposites based on chitosan intercalation in designed swelling high-charged micas. Scientific Reports, 2019, 9, 10265.	3.3	15
6	Design swelling micas: Insights on heavy metals cation exchange reaction. Applied Clay Science, 2019, 182, 105298.	5.2	13
7	Influence of framework and interlayer on the colloidal stability of design swelling high-charged micas. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2019, 561, 32-38.	4.7	6
8	Heteroatom framework distribution and layer charge of sodium Taeniolite. Applied Clay Science, 2018, 158, 246-251.	5.2	1
9	Cesium adsorption isotherm on swelling high-charged micas from aqueous solutions: Effect of temperature. American Mineralogist, 2018, 103, 623-628.	1.9	7
10	A comprehensive and in-depth analysis of the synthesis of advanced adsorbent materials. Journal of Cleaner Production, 2018, 194, 665-672.	9.3	3
11	New insights into surface-functionalized swelling high charged micas: Their adsorption performance for non-ionic organic pollutants. Journal of Industrial and Engineering Chemistry, 2017, 52, 179-186.	5.8	29
12	Cs+ immobilization by designed micaceous adsorbent under subcritical conditions. Applied Clay Science, 2017, 143, 293-299.	5.2	16
13	Effect of the crystal chemistry on the hydration mechanism of swelling micas. Geochimica Et Cosmochimica Acta, 2017, 217, 231-239.	3.9	4
14	Influence of temperature and time on the Eu 3+ reaction with synthetic Na-Mica- n (n = 2 and 4). Chemical Engineering Journal, 2016, 284, 1174-1183.	12.7	17
15	Synthesis temperature effect on Na-Mica-4 crystallinity and heteroatom distribution. Microporous and Mesoporous Materials, 2015, 204, 282-288.	4.4	8
16	Self-Assembling of Tetradecylammonium Chain on Swelling High Charge Micas (Na-Mica-3 and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 14 4394-4401.	3.5	8
17	Impact of hydrothermal treatment of FEBEX and MX80 bentonites in water, HNO3 and Lu(NO3)3 media: Implications for radioactive waste control. Applied Clay Science, 2015, 118, 48-55.	5.2	7
18	Influence of the synthesis parameter on the interlayer and framework structure of lamellar octadecyltrimethylammonium kanemite. Applied Clay Science, 2014, 95, 9-17.	5.2	5

#	Article	IF	Citations
19	Interaction of Hydrated Cations with Mica-n (n = 2, 3 and 4) Surface. Journal of Physical Chemistry C, 2014, 118, 2115-2121.	3.1	15
20	Direct evidence of Lowenstein's rule violation in swelling high-charge micas. Chemical Communications, 2014, 50, 6984.	4.1	10