

# Francisco Javier Osuna Barroso

## List of Publications by Year in descending order

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Version: 2024-02-01

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	New insights into surface-functionalized swelling high charged micas: Their adsorption performance for non-ionic organic pollutants. <i>Journal of Industrial and Engineering Chemistry</i> , 2017, 52, 179-186.	5.8	29
2	Influence of temperature and time on the Eu 3+ reaction with synthetic Na-Mica- n ( n = 2 and 4). <i>Chemical Engineering Journal</i> , 2016, 284, 1174-1183.	12.7	17
3	Cs+ immobilization by designed micaceous adsorbent under subcritical conditions. <i>Applied Clay Science</i> , 2017, 143, 293-299.	5.2	16
4	Interaction of Hydrated Cations with Mica- <i>n</i> ( <i>n</i> = 2, 3 and 4) Surface. <i>Journal of Physical Chemistry C</i> , 2014, 118, 2115-2121.	3.1	15
5	Bionanocomposites based on chitosan intercalation in designed swelling high-charged micas. <i>Scientific Reports</i> , 2019, 9, 10265.	3.3	15
6	Design swelling micas: Insights on heavy metals cation exchange reaction. <i>Applied Clay Science</i> , 2019, 182, 105298.	5.2	13
7	Direct evidence of Lowenstein's rule violation in swelling high-charge micas. <i>Chemical Communications</i> , 2014, 50, 6984.	4.1	10
8	Designed organomicaceous materials for efficient adsorption of iodine. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106577.	6.7	9
9	Synthesis temperature effect on Na-Mica-4 crystallinity and heteroatom distribution. <i>Microporous and Mesoporous Materials</i> , 2015, 204, 282-288.	4.4	8
10	Self-Assembling of Tetradecylammonium Chain on Swelling High Charge Micaceous (Na-Mica-3 and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 38 4394-4401.	3.5	8
11	Multiple pollutants removal by functionalized heterostructures based on Na-2-Mica. <i>Applied Clay Science</i> , 2020, 196, 105749.	5.2	8
12	Impact of hydrothermal treatment of FEBEX and MX80 bentonites in water, HNO <sub>3</sub> and Lu(NO <sub>3</sub> ) <sub>3</sub> media: Implications for radioactive waste control. <i>Applied Clay Science</i> , 2015, 118, 48-55.	5.2	7
13	Cesium adsorption isotherm on swelling high-charged micas from aqueous solutions: Effect of temperature. <i>American Mineralogist</i> , 2018, 103, 623-628.	1.9	7
14	Influence of framework and interlayer on the colloidal stability of design swelling high-charged micas. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 561, 32-38.	4.7	6
15	Influence of the synthesis parameter on the interlayer and framework structure of lamellar octadecyltrimethylammonium kanemite. <i>Applied Clay Science</i> , 2014, 95, 9-17.	5.2	5
16	An insight on the design of mercapto functionalized swelling brittle micas. <i>Journal of Colloid and Interface Science</i> , 2020, 561, 533-541.	9.4	5
17	Effect of the crystal chemistry on the hydration mechanism of swelling micas. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 217, 231-239.	3.9	4
18	A comprehensive and in-depth analysis of the synthesis of advanced adsorbent materials. <i>Journal of Cleaner Production</i> , 2018, 194, 665-672.	9.3	3

#	ARTICLE	IF	CITATIONS
19	Heteroatom framework distribution and layer charge of sodium Taeniolite. Applied Clay Science, 2018, 158, 246-251.	5.2	1
20	By-products revaluation in the production of design micaceous materials. Applied Clay Science, 2021, 214, 106292.	5.2	1