

Latifa Bergaoui

List of Publications by Year in descending order

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32
papers

888
citations

516710

16
h-index

454955

30
g-index

32
all docs

32
docs citations

32
times ranked

1343
citing authors

#	ARTICLE	IF	CITATIONS
1	Silane Layers on Silicon Surfaces: Mechanism of Interaction, Stability, and Influence on Protein Adsorption. <i>Langmuir</i> , 2012, 28, 656-665.	3.5	189
2	Al-pillared saponites. Part 3. "Effect of parent clay layer charge on the intercalation" pillaring mechanism and structural properties. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1995, 91, 2229-2239.	1.7	75
3	Cull on Al13-Pillared Saponites: Macroscopic Adsorption Measurements and EPR Spectra. <i>The Journal of Physical Chemistry</i> , 1995, 99, 2155-2161.	2.9	55
4	Catalytic activity and thermostability of enzymes immobilized on silanized surface: Influence of the crosslinking agent. <i>Enzyme and Microbial Technology</i> , 2013, 52, 336-343.	3.2	52
5	Study of Pd(II) adsorption over titanate nanotubes of different diameters. <i>Journal of Colloid and Interface Science</i> , 2009, 331, 27-31.	9.4	49
6	Porosity of Synthetic Saponites with Variable Layer Charge Pillared by Al13 Polycations. <i>Langmuir</i> , 1995, 11, 2849-2852.	3.5	47
7	Macroscopic and microscopic studies of methylene blue sorption onto extracted celluloses from <i>Posidonia oceanica</i> . <i>Industrial Crops and Products</i> , 2013, 45, 106-113.	5.2	46
8	Surface Heterogeneity in Micropores of Pillared Clays: The Limits of Classical Pore-Filling Mechanisms. <i>Journal of Physical Chemistry B</i> , 1998, 102, 3466-3476.	2.6	37
9	Enzyme Immobilization on Silane-Modified Surface through Short Linkers: Fate of Interfacial Phases and Impact on Catalytic Activity. <i>Langmuir</i> , 2014, 30, 4066-4077.	3.5	35
10	Enhancement of biofuels production by means of co-pyrolysis of <i>Posidonia oceanica</i> (L.) and frying oil wastes: Experimental study and process modeling. <i>Bioresource Technology</i> , 2016, 207, 387-398.	9.6	34
11	Cesium adsorption on soil clay: macroscopic and spectroscopic measurements. <i>Applied Clay Science</i> , 2005, 29, 23-29.	5.2	30
12	A multi-technique approach for studying Na triclinic and hexagonal birnessites. <i>Journal of Solid State Chemistry</i> , 2019, 272, 234-243.	2.9	29
13	A Comparative Study of the Acidity toward the Aqueous Phase and Adsorptive Properties of Al13-Pillared Montmorillonite and Al13-Pillared Saponite. <i>Journal of Physical Chemistry B</i> , 1999, 103, 2897-2902.	2.6	28
14	Conditions for the formation of pure birnessite during the oxidation of Mn(II) cations in aqueous alkaline medium. <i>Journal of Solid State Chemistry</i> , 2017, 248, 18-25.	2.9	27
15	MnOx/TiO2 Catalysts for VOCs Abatement by Coupling Non-thermal Plasma and Photocatalysis. <i>Plasma Chemistry and Plasma Processing</i> , 2016, 36, 1485-1499.	2.4	26
16	Mn-analcime: Synthesis, characterization and application to cyclohexene oxidation. <i>Microporous and Mesoporous Materials</i> , 2014, 196, 158-164.	4.4	25
17	Acidic properties of a clay prepared from the reaction of zirconyl chloride solution containing sulfate ions with montmorillonite. <i>Applied Catalysis A: General</i> , 2003, 252, 411-419.	4.3	16
18	Étude des propriétés adsorbantes d'une argile pontée vis-à-vis de Cu ²⁺ et Cd ²⁺ en fonction du pH. <i>Journal De Chimie Physique Et De Physico-Chimie Biologique</i> , 1995, 92, 1486-1505.	0.2	13

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19	Zirconium and sulfated zirconium pillared clays: a combined intercalation solution study and solid characterization. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2004, 251, 109-115.	4.7	11
20	Design and Characterization of Type I Cellulose-Polyaniline Composites from Various Cellulose Sources: A Comparative Study. <i>Chemistry Africa</i> , 2020, 3, 783-792.	2.4	11
21	Production of lignin-containing cellulose nanofibrils by the combination of different mechanical processes. <i>Industrial Crops and Products</i> , 2022, 183, 114991.	5.2	10
22	Optimization of Hydrothermal and Diluted Acid Pretreatments of Tunisian <i>Luffa cylindrica</i> (L.) Fibers for 2G Bioethanol Production through the Cubic Central Composite Experimental Design CCD: Response Surface Methodology. <i>BioMed Research International</i> , 2017, 2017, 1-14.	1.9	9
23	Interaction of ammonium with birnessite: Evidence of a chemical and structural transformation in alkaline aqueous medium. <i>Journal of Solid State Chemistry</i> , 2018, 258, 543-550.	2.9	9
24	A new method for elaborating mesoporous SiO ₂ /montmorillonite composite materials. <i>Journal of Sol-Gel Science and Technology</i> , 2015, 75, 436-446.	2.4	6
25	Titanate nanotubes as ethanol decomposition catalysts: Effect of coupling photocatalysis with non-thermal plasma. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017, 346, 485-492.	3.9	5
26	Non-aggressive way using zirconium acetate for preparation of zirconium pillared clay developing high sulfur thermal stability over 830Å°C. <i>Studies in Surface Science and Catalysis</i> , 2000, , 1053-1062.	1.5	4
27	Sulfated Zr-pillared saponite: preparation, properties and thermal stability. <i>Studies in Surface Science and Catalysis</i> , 2002, , 903-910.	1.5	4
28	Synthesis and characterization of Al-pillared montmorillonite in presence of Mn(II). <i>Applied Clay Science</i> , 2011, 53, 691-695.	5.2	3
29	Al-Mn-silicate nanobubbles phase as an intermediate in zeolite formation. <i>Applied Clay Science</i> , 2016, 123, 202-209.	5.2	1
30	Characterization and Catalytic Activity of Mn(salen) Supported on a Silica/Clay-Mineral Composite: Influence of the Complex/Support Interaction on the Catalytic Efficiency. <i>Chemistry Africa</i> , 2019, 2, 77-87.	2.4	1
31	Mixture effects in alkane/cycloalkane hydroconversion over Pt/HUSY: Carbon number impact. <i>Fuel</i> , 2022, 318, 123651.	6.4	1
32	In situ preparation of zirconium sulfate pillared clay: study of acidic properties. <i>Applied Catalysis A: General</i> , 2004, 268, 25-25.	4.3	0