Ä½uboÅ¡ Å JankoviÄ•

List of Publications by Year
in descending order

33	878	567281 15	454955 30
papers	citations	h-index	g-index

33	33	33	1213
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Near-IR study of the impact of alkyl-ammonium and -phosphonium cations on the hydration of montmorillonite. Journal of Molecular Structure, 2022, 1256, 132568.	3.6	15
2	Immobilisation of diuron herbicide employing smectites. Materials Today Communications, 2022, 31, 103252.	1.9	0
3	Luminescence of Reichardt's dye in polyelectrolyte-modified saponite colloids. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 642, 128663.	4.7	1
4	Formamide-Based Post-impact Thermal Prebiotic Synthesis in Simulated Craters: Intermediates, Products and Mechanism. Frontiers in Astronomy and Space Sciences, 2022, 9, .	2.8	2
5	Comparative study of alkylammonium- and alkylphosphonium-based analogues of organo-montmorillonites. Applied Clay Science, 2021, 200, 105894.	5.2	18
6	Preparation, characterization and adsorption properties of tetraalkylphosphonium organobeidellites. Applied Clay Science, 2021, 204, 105989.	5.2	7
7	Stability of Atrazineâ€“Smectite Intercalates: Density Functional Theory and Experimental Study. Minerals (Basel, Switzerland), 2021, 11, 554.	2.0	7
8	Prebiotic synthesis at impact craters: the role of Fe-clays and iron meteorites. Chemical Communications, 2019, 55, 10563-10566.	4.1	13
9	Structural characterization of organo-montmorillonites prepared from a series of primary alkylamines salts: Mid-IR and near-IR study. Applied Clay Science, 2019, 176, 11-20.	5.2	158
10	Montmorillonite modified with unconventional surfactants from the series of octylammonium-based cations: Structural characterization and hydration properties. Applied Clay Science, 2018, 158, 102-112.	5.2	13
11	Prediction of compatibility of organomodified clay with various polymers using rheological measurements. Polymer Testing, 2018, 69, 359-365.	4.8	13
12	Thermal stability of tetrabutyl-phosphonium and -ammonium exchanged montmorillonite: Influence of acid treatment. Applied Clay Science, 2017, 138, 63-73.	5.2	16
13	Properties of natural rubber composites with structurally different clay intercalable surfactants. Journal of Polymer Research, 2017, 24, 1.	2.4	7
14	Preparation of antibacterial chlorhexidine/vermiculite and release study. International Journal of Mineral Processing, 2017, 159, 1-6.	2.6	14
15	XRD, SAXS, and PALS investigations of three different polymers reinforced with tetraoctylammonium exchanged montmorillonite. International Journal of Polymer Analysis and Characterization, 2016, 21, 524-536.	1.9	5
16	Near-infrared spectroscopy as an effective tool for monitoring the conformation of alkylammonium surfactants in montmorillonite interlayers. Vibrational Spectroscopy, 2016, 84, 44-52.	2.2	36
17	(9,10-Dihydroxyoctadecyl)ammonium: A Structurally Unique Class of Clay Intercalable Surfactants. European Journal of Inorganic Chemistry, 2015, 2015, 2841-2850.	2.0	5
18	Near-infrared study of the interaction of pyridine with acid-treated montmorillonite. Vibrational Spectroscopy, 2015, 76, 22-30.	2.2	14

#	Article	IF	Citations
19	Direct observation of spin-injection in tyrosinate-functionalized single-wall carbon nanotubes. Carbon, 2014, 67, 424-433.	10.3	7
20	Application of oxone immobilized on montmorillonite for an efficient oxidation of mannose thioglycoside. Monatshefte FÃ¼r Chemie, 2013, 144, 969-973.	1.8	1
21	Unique photoactive nanocomposites based on rhodamine 6G/polymer/montmorillonite hybrid systems. Journal of Polymer Science, Part B: Polymer Physics, 2013, 51, 1672-1679.	2.1	17
22	Controlled Synthesis of Carbonâ€Encapsulated Copper Nanostructures by Using Smectite Clays as Nanotemplates. Chemistry - A European Journal, 2012, 18, 9305-9311.	3.3	10
23	Degradation of surfactant-modified montmorillonites in HCl. Materials Chemistry and Physics, 2012, 134, 768-776.	4.0	24
24	Characterization of systematically selected organo-montmorillonites for polymer nanocomposites. Applied Clay Science, 2011, 51, 438-444.	5.2	44
25	Benefits of near-infrared spectroscopy for characterization of selected organo-montmorillonites. Vibrational Spectroscopy, 2011, 57, 8-8.	2.2	31
26	Synthesis and characterization of low dimensional ZnS- and PbS-semiconductor particles on a montmorillonite template. Physical Chemistry Chemical Physics, 2010, 12, 14236.	2.8	18
27	Evaluation of first-row transition metal oxides supported on clay minerals for catalytic growth of carbon nanostructures. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2008, 152, 44-49.	3.5	36
28	Catalytic production of carbon nanotubes over Feâ€“Ni bimetallic catalysts supported on MgO. Diamond and Related Materials, 2007, 16, 155-160.	3.9	82
29	Clayâ^'Fulleropyrrolidine Nanocomposites. Journal of the American Chemical Society, 2006, 128, 6154-6163.	13.7	46
30	Carbon Nanotubes Encapsulating Superconducting Single-Crystalline Tin Nanowires. Nano Letters, 2006, 6, 1131-1135.	9.1	86
31	Effect of the exchangeable cations on the spectral properties of methylene blue in clay dispersions. Journal of Colloid and Interface Science, 2004, 274, 126-132.	9.4	51
32	Metal cation-exchanged montmorillonite catalyzed protection ofÂaromaticÂaldehydes with Ac2O. Journal of Catalysis, 2003, 218, 227-233.	6.2	72
33	Catalytic Properties of a Heated Ammonium-Saturated Dioctahedral Smectite. Collection of Czechoslovak Chemical Communications, 2000, 65, 1527-1536.	1.0	9