

Petr Kovr

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

23
papers

286
citations

9
h-index

16
g-index

23
ext. papers

318
ext. citations

4.7
avg. IF

2.93
L-index

#	Paper	IF	Citations
23	Selection of Covalent Organic Framework Pore Functionalities for Differential Adsorption of Microcystin Toxin Analogues. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 15053-15063	9.5	6
22	How N-(pyridin-4-yl)pyridin-4-amine and its methyl and nitro derivatives are arranged in the interlayer space of zirconium sulfophenylphosphonate: a problem solved by experimental and calculation methods. <i>Journal of Computer-Aided Molecular Design</i> , 2020 , 34, 683-695	4.2	
21	Robust Aluminum and Iron Phosphinate Metal-Organic Frameworks for Efficient Removal of Bisphenol A. <i>Inorganic Chemistry</i> , 2020 , 59, 5538-5545	5.1	9
20	Extraction of Ibuprofen from Natural Waters Using a Covalent Organic Framework. <i>Molecules</i> , 2020 , 25,	4.8	9
19	Adsorption of nerve agent simulants onto vermiculite structure: Experiments and modelling. <i>Journal of Hazardous Materials</i> , 2020 , 382, 121001	12.8	9
18	How Intercalated Sodium, Copper, and Iron Cations Influence the Structural Arrangement of Zirconium Sulfophenylphosphonate Layers? Theoretical and Experimental Points of View. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 2488-2495	3.8	2
17	Alkaline-earth metal phenylphosphonates and their intercalation chemistry. <i>Dalton Transactions</i> , 2018 , 47, 2867-2880	4.3	3
16	Structural Arrangement of 4-[4-(Dimethylamino)phenylazo]pyridine PushPull Molecules in Acidic Layered Hosts Solved by Experimental and Calculation Methods. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 115-123	2.3	4
15	Geometry optimization of zirconium sulfophenylphosphonate layers by molecular simulation methods. <i>Journal of Molecular Modeling</i> , 2017 , 24, 10	2	7
14	Influence of 1,2-alkanediols on the structure of their intercalates with strontium phenylphosphonate solved by molecular simulation and experimental methods. <i>Journal of Molecular Modeling</i> , 2016 , 22, 143	2	3
13	Intercalation of 1,n-diols into strontium phenylphosphonate: how the shape of the host layers influences arrangement of the guest molecules. <i>Journal of Colloid and Interface Science</i> , 2015 , 460, 181-83	9.3	6
12	Intercalates of Strontium Phenylphosphonate with Alcohols Structure Analysis by Experimental and Molecular Modeling Methods. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 1552-1561	2.3	6
11	Agglomeration of ZnS nanoparticles without capping additives at different temperatures. <i>Open Chemistry</i> , 2014 , 12, 312-317	1.6	2
10	Molecular modelling of zinc sulphide nanoparticles stabilized by cetyltrimethylammonium bromide. <i>Journal of the Serbian Chemical Society</i> , 2014 , 79, 1545-1559	0.9	
9	Insight into the Structure of Layered Zinc Hydroxide Salts Intercalated with Dodecyl Sulfate Anions. <i>Journal of Physical Chemistry C</i> , 2014 , 118, 27131-27141	3.8	26
8	Precipitation, stabilization and molecular modeling of ZnS nanoparticles in the presence of cetyltrimethylammonium bromide. <i>Journal of Colloid and Interface Science</i> , 2012 , 377, 58-63	9.3	21
7	Intercalation of paracetamol into the hydrotalcite-like host. <i>Journal of Solid State Chemistry</i> , 2011 , 184, 3329-3335	3.3	22

6	Porphyrins Intercalated in Zn/Al and Mg/Al Layered Double Hydroxides: Properties and Structural Arrangement. <i>Chemistry of Materials</i> , 2010 , 22, 2481-2490	9.6	57
5	Inorganic/Organic Hybrid Materials: Layered Zinc Hydroxide Salts with Intercalated Porphyrin Sensitizers. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 16321-16328	3.8	31
4	Mg-Al layered double hydroxide intercalated with porphyrin anions: molecular simulations and experiments. <i>Journal of Molecular Modeling</i> , 2010 , 16, 223-33	2	17
3	Molecular modeling of surface modification of Wyoming and Cheto montmorillonite by methylene blue. <i>Journal of Molecular Modeling</i> , 2009 , 15, 1391-6	2	5
2	Layered double hydroxide intercalated with p-methylbenzoate and p-bromobenzoate: molecular simulations and XRD analysis. <i>Journal of Colloid and Interface Science</i> , 2008 , 319, 19-24	9.3	15
1	Molecular modeling of layered double hydroxide intercalated with benzoate, modeling and experiment. <i>Journal of Molecular Modeling</i> , 2007 , 13, 937-42	2	26