Petr KovÃ¡Å

List of Publications by Year in descending order

23 papers	353 citations	840119 11 h-index	794141 19 g-index
23 all docs	23 docs citations	23 times ranked	544 citing authors

#	Article	IF	Citations
1	Selection of Covalent Organic Framework Pore Functionalities for Differential Adsorption of Microcystin Toxin Analogues. ACS Applied Materials & Interfaces, 2021, 13, 15053-15063.	4.0	22
2	Adsorption of nerve agent simulants onto vermiculite structure: Experiments and modelling. Journal of Hazardous Materials, 2020, 382, 121001.	6.5	12
3	Extraction of Ibuprofen from Natural Waters Using a Covalent Organic Framework. Molecules, 2020, 25, 3132.	1.7	19
4	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. Journal of Computer-Aided Molecular Design, 2020, 34, 683-695.	1.3	0
5	Robust Aluminum and Iron Phosphinate Metalâ€“Organic Frameworks for Efficient Removal of Bisphenol A. Inorganic Chemistry, 2020, 59, 5538-5545.	1.9	17
6	How Intercalated Sodium, Copper, and Iron Cations Influence the Structural Arrangement of Zirconium Sulfophenylphosphonate Layers? Theoretical and Experimental Points of View. Journal of Physical Chemistry C, 2019, 123, 2488-2495.	1.5	3
7	Alkaline-earth metal phenylphosphonates and their intercalation chemistry. Dalton Transactions, 2018, 47, 2867-2880.	1.6	5
8	Geometry optimization of zirconium sulfophenylphosphonate layers by molecular simulation methods. Journal of Molecular Modeling, 2018, 24, 10.	0.8	7
9	Structural Arrangement of 4â€[4â€(Dimethylamino)phenylazo]pyridine Pushâ€“Pull Molecules in Acidic Layered Hosts Solved by Experimental and Calculation Methods. European Journal of Inorganic Chemistry, 2017, 2017, 115-123.	1.0	4
10	Influence of 1,2-alkanediols on the structure of their intercalates with strontium phenylphosphonate solved by molecular simulation and experimental methods. Journal of Molecular Modeling, 2016, 22, 143.	0.8	3
11	Intercalates of Strontium Phenylphosphonate with Alcohols â€“ Structure Analysis by Experimental and Molecular Modeling Methods. European Journal of Inorganic Chemistry, 2015, 2015, 1552-1561.	1.0	6
12	Intercalation of 1, n -diols into strontium phenylphosphonate: How the shape of the host layers influences arrangement of the guest molecules. Journal of Colloid and Interface Science, 2015, 460, 181-188.	5.0	6
13	Molecular modelling of zinc sulphide nanoparticles stabilized by cetyltrimethylammonium bromide. Journal of the Serbian Chemical Society, 2014, 79, 1545-1559.	0.4	0
14	Insight into the Structure of Layered Zinc Hydroxide Salts Intercalated with Dodecyl Sulfate Anions. Journal of Physical Chemistry C, 2014, 118, 27131-27141.	1.5	35
15	Agglomeration of ZnS nanoparticles without capping additives at different temperatures. Open Chemistry, 2014, 12, 312-317.	1.0	2
16	Precipitation, stabilization and molecular modeling of ZnS nanoparticles in the presence of cetyltrimethylammonium bromide. Journal of Colloid and Interface Science, 2012, 377, 58-63.	5.0	23
17	Intercalation of paracetamol into the hydrotalcite-like host. Journal of Solid State Chemistry, 2011, 184, 3329-3335.	1.4	26
18	Mg-Al layered double hydroxide intercalated with porphyrin anions: molecular simulations and experiments. Journal of Molecular Modeling, 2010, 16, 223-233.	0.8	20

#	Article	IF	Citations
19	Porphyrins Intercalated in Zn/Al and Mg/Al Layered Double Hydroxides: Properties and Structural Arrangement. Chemistry of Materials, 2010, 22, 2481-2490.	3.2	59
20	Inorganicâ"Organic Hybrid Materials: Layered Zinc Hydroxide Salts with Intercalated Porphyrin Sensitizers. Journal of Physical Chemistry C, 2010, 114, 16321-16328.	1.5	35
21	Molecular modeling of surface modification of Wyoming and Cheto montmorillonite by methylene blue. Journal of Molecular Modeling, 2009, 15, 1391-1396.	0.8	5
22	Layered double hydroxide intercalated with p-methylbenzoate and p-bromobenzoate: Molecular simulations and XRD analysis. Journal of Colloid and Interface Science, 2008, 319, 19-24.	5.0	15
23	Molecular modeling of layered double hydroxide intercalated with benzoate, modeling and experiment. Journal of Molecular Modeling, 2007, 13, 937-942.	0.8	29