

Ahmet Nedim Ay

List of Publications by Year in descending order

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1039406

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#	ARTICLE	IF	CITATIONS
1	Boron removal by hydrotalcite-like, carbonate-free Mg ²⁺ Al ³⁺ NO ₃ -LDH and a rationale on the mechanism. <i>Microporous and Mesoporous Materials</i> , 2007, 98, 1-5.	2.2	101
2	Bioinorganic Magnetic Core-Shell Nanocomposites Carrying Antiarthritic Agents: Intercalation of Ibuprofen and Glucuronic Acid into Mg ²⁺ Al ³⁺ -Layered Double Hydroxides Supported on Magnesium Ferrite. <i>Inorganic Chemistry</i> , 2009, 48, 8871-8877.	1.9	99
3	Layered double hydroxides with interlayer borate anions: A critical evaluation of synthesis methodology and pH-independent orientations in nano-galleries. <i>Applied Clay Science</i> , 2011, 51, 308-316.	2.6	58
4	Carborane-layered double hydroxide nanohybrids for potential targeted- and magnetically targeted-BNCT applications. <i>Dalton Transactions</i> , 2017, 46, 3303-3310.	1.6	31
5	Magnetic nanocomposites with drug-intercalated layered double hydroxide shell supported on commercial magnetite and laboratory-made magnesium ferrite core materials. <i>Materials Science and Engineering C</i> , 2011, 31, 851-857.	3.8	24
6	5-Fluorouracil intercalated iron oxide@layered double hydroxide core-shell nano-composites with isotropic and anisotropic architectures for shape-selective drug delivery applications. <i>Materials Science and Engineering C</i> , 2015, 55, 562-568.	3.8	22
7	MONODENTATE CHROMIUM(III) ASCORBATE COMPLEXES PREPARED VIA CHROMATE REDUCTION IN THF. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2002, 32, 1071-1084.	1.8	17
8	A mononuclear, mixed (salicylato) (nicotinamide) complex of Zn(II) with penta- and hexa-coordination sites: a novel framework structure. <i>Journal of the Iranian Chemical Society</i> , 2012, 9, 591-597.	1.2	14
9	Boron isotopic fractionation in aqueous boric acid solutions over synthetic minerals: Effect of layer and surface charge on fractionation factor. <i>Applied Clay Science</i> , 2015, 107, 117-121.	2.6	13
10	Prolate spheroidal hematite particles equatorially belt with drug-carrying layered double hydroxide disks: Ring Nebula-like nanocomposites. <i>Nanoscale Research Letters</i> , 2011, 6, 116.	3.1	9
11	Effects of Neutral, Cationic, and Anionic Chromium Ascorbate Complexes on Isolated Human Mitochondrial and Genomic DNA. <i>BMB Reports</i> , 2003, 36, 403-408.	1.1	5
12	Layered double hydroxide-borate composites supported on magnetic nanoparticles: preparation, characterization and molecular dynamics simulations. <i>Journal of Porous Materials</i> , 2020, 27, 735-743.	1.3	3
13	Importance of the interlayer orientation in borate-intercalating layered double hydroxides. <i>Journal of Thermal Analysis and Calorimetry</i> , 2011, 103, 897-902.	2.0	2