Ricardo Rojas

List of Publications by Year
in descending order

23	792	567281 15	642732 23
papers	citations	h-index	g-index

23	23	23	1026
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Layered double hydroxide applications in biomedical implants. Applied Clay Science, 2022, 224, 106514.	5.2	19
2	Antimicrobial modification of polypropylene films by photograft and layered double hydroxides assembly. Reactive and Functional Polymers, 2022, 178, 105349.	4.1	3
3	Synthetic and biological identities of layered double hydroxides nanocarriers functionalized with risedronate. Applied Clay Science, 2020, 199, 105880.	5.2	6
4	Ciprofloxacin-intercalated layered double hydroxide-in-hybrid films as composite dressings for controlled antimicrobial topical delivery. Materials Science and Engineering C, 2020, 111, 110859.	7.3	29
5	A closer look into the physical interactions between lipid membranes and layered double hydroxide nanoparticles. Colloids and Surfaces B: Biointerfaces, 2020, 191, 110998.	5.0	6
6	Reactivity and Heavy Metal Removal Capacity of Calcium Alginate Beads Loaded with Caâ€“Al Layered Double Hydroxides. ChemEngineering, 2019, 3, 22.	2.4	8
7	Pros and cons of coating layered double hydroxide nanoparticles with polyacrylate. Applied Clay Science, 2019, 172, 11-18.	5.2	14
8	Relevance of proteinâ€“protein interactions on the biological identity of nanoparticles. Colloids and Surfaces B: Biointerfaces, 2018, 166, 330-338.	5.0	16
9	Structural and morphological aspects of (fluoro)quinolone delivery by layered double hydroxide nanoparticles. New Journal of Chemistry, 2018, 42, 19144-19152.	2.8	4
10	Risedronate functionalized layered double hydroxides nanoparticles with bone targeting capabilities. Applied Clay Science, 2017, 141, 257-264.	5.2	14
11	A systematic approach to the synthesis of LDH nanoparticles by response surface methodology. Applied Clay Science, 2017, 137, 151-159.	5.2	17
12	Layered double hydroxide nanoparticles customization by polyelectrolyte adsorption: mechanism and effect on particle aggregation. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 533, 316-322.	4.7	20
13	Removal of heavy metals from simulated wastewater by in situ formation of layered double hydroxides. Chemical Engineering Journal, 2016, 306, 1035-1040.	12.7	116
14	Effect of particle size on copper removal by layered double hydroxides. Chemical Engineering Journal, 2016, 303, 331-337.	12.7	36
15	Effect of the protein corona on the colloidal stability and reactivity of LDH-based nanocarriers. Journal of Materials Chemistry B, 2016, 4, 2008-2016.	5.8	52
16	Structural and physicochemical aspects of drug release from layered double hydroxides and layered hydroxide salts. Applied Clay Science, 2015, 109-110, 119-126.	5.2	45
17	Copper, lead and cadmium removal by Ca Al layered double hydroxides. Applied Clay Science, 2014, 87, 254-259.	5.2	115
18	Effect of structure and bonding on the interfacial properties and the reactivity of layered double hydroxides and Zn hydroxide salts. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2013, 419, 166-173.	4.7	26

#	Article	IF	Citations
19	The effect of interlayer anion on the reactivity of Mgâ€“Al layered double hydroxides: Improving and extending the customization capacity of anionic clays. Journal of Colloid and Interface Science, 2011, 359, 136-141.	9.4	29
20	Dissolution kinetics and mechanism of Mgâ€“Al layered double hydroxides: A simple approach to describe drug release in acid media. Journal of Colloid and Interface Science, 2010, 351, 134-139.	9.4	98
21	Amperometric flow injection analysis as a new approach for studying disperse systems. Electrochimica Acta, 2009, 55, 475-479.	5.2	3
22	EDTA modified LDHs as Cu2+ scavengers: Removal kinetics and sorbent stability. Journal of Colloid and Interface Science, 2009, 331, 425-431.	9.4	94
23	Intercalation of metal-edta complexes in Niâ€“Zn layered hydroxysalts and study of their thermal stability. Microporous and Mesoporous Materials, 2008, 112, 262-272.	4.4	22