

List of Publications by Citations

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Version: 2024-04-09

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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.

46 papers	929 citations	19 h-index	29 g-index
51 ext. papers	1,214 ext. citations	6.7 avg, IF	4.75 L-index

#	Paper	IF	Citations
46	Dual changes in conformation and optical properties of fluorophores within a metal-organic framework during framework construction and associated sensing event. <i>Journal of the American Chemical Society</i> , 2014 , 136, 12201-4	16.4	122
45	Anticancer drug encapsulated in inorganic lattice can overcome drug resistance. <i>Journal of Materials Chemistry</i> , 2010 , 20, 9463		84
44	Emerging nanomaterials with advanced drug delivery functions; focused on methotrexate delivery. <i>Coordination Chemistry Reviews</i> , 2018 , 359, 32-51	23.2	54
43	Review of Clay-Drug Hybrid Materials for Biomedical Applications: Administration Routes. <i>Clays and Clay Minerals</i> , 2016 , 64, 115-130	2.1	48
42	Inorganic nanovehicle targets tumor in an orthotopic breast cancer model. <i>Scientific Reports</i> , 2014 , 4, 4430	4.9	46
41	Layered Double Hydroxide and Polypeptide Thermogel Nanocomposite System for Chondrogenic Differentiation of Stem Cells. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 42668-42675	9.5	36
40	Inorganic-polymer nanohybrid carrier for delivery of a poorly-soluble drug, ursodeoxycholic acid. <i>International Journal of Pharmaceutics</i> , 2010 , 402, 117-22	6.5	34
39	Anionic clay as the drug delivery vehicle: tumor targeting function of layered double hydroxide-methotrexate nanohybrid in C33A orthotopic cervical cancer model. <i>International Journal of Nanomedicine</i> , 2016 , 11, 337-48	7.3	33
38	2D Nanostructured Metal Hydroxides with Gene Delivery and Theranostic Functions; A Comprehensive Review. <i>Chemical Record</i> , 2018 , 18, 1033-1053	6.6	29
37	Aripiprazole-montmorillonite: a new organic-inorganic nanohybrid material for biomedical applications. <i>Chemistry - A European Journal</i> , 2013 , 19, 4869-75	4.8	28
36	2-Dimensional Nanomaterials with Imaging and Diagnostic Functions for Nanomedicine; A Review. <i>Bulletin of the Chemical Society of Japan</i> , 2020 , 93, 1-12	5.1	27
35	Drug-Ceramic 2-Dimensional Nanoassemblies for Drug Delivery System in Physiological Condition. <i>Journal of the American Ceramic Society</i> , 2012 , 95, 2758-2765	3.8	24
34	A nanohybrid system for taste masking of sildenafil. <i>International Journal of Nanomedicine</i> , 2012 , 7, 1635-49	7.3	20
33	Inorganic-inorganic nanohybrids for drug delivery, imaging and photo-therapy: recent developments and future scope. <i>Chemical Science</i> , 2021 , 12, 5044-5063	9.4	20
32	Highly ordered nanoporous carbon films with tunable pore diameters and their excellent sensing properties. <i>Chemistry - A European Journal</i> , 2015 , 21, 697-703	4.8	19
31	Recent trends in nano photo-chemo therapy approaches and future scopes. <i>Coordination Chemistry Reviews</i> , 2020 , 411, 213252	23.2	19
30	Intracrystalline structure and release pattern of ferulic acid intercalated into layered double hydroxide through various synthesis routes. <i>Applied Clay Science</i> , 2015 , 112-113, 32-39	5.2	19

29	Intercalative Ion-Exchange Route to Amino Acid Layered Double Hydroxide Nanohybrids and Their Sorption Properties. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 925-930	2.3	19
28	Highly Condensed Boron Cage Cluster Anions in 2D Carrier and Its Enhanced Antitumor Efficiency for Boron Neutron Capture Therapy. <i>Advanced Functional Materials</i> , 2018 , 28, 1704470	15.6	19
27	Enabling Nanohybrid Drug Discovery through the Soft Chemistry Telescope. <i>Industrial & Engineering Chemistry Research</i> , 2016 , 55, 11211-11224	3.9	17
26	Doxorubicin Encapsulated in TPGS-Modified 2D-Nanodisks Overcomes Multidrug Resistance. <i>Chemistry - A European Journal</i> , 2020 , 26, 2470-2477	4.8	17
25	Theranostic Bioabsorbable Bone Fixation Plate with Drug-Layered Double Hydroxide Nanohybrids. <i>Advanced Healthcare Materials</i> , 2016 , 5, 2765-2775	10.1	17
24	A novel geopolymer route to porous carbon: high CO adsorption capacity. <i>Chemical Communications</i> , 2019 , 55, 3266-3269	5.8	17
23	Implantable multireservoir device with stimulus-responsive membrane for on-demand and pulsatile delivery of growth hormone. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 11664-11672	11.5	15
22	Bio-Layered Double Hydroxides Nanohybrids for Theranostics Applications. <i>Structure and Bonding</i> , 2015 , 137-175	0.9	13
21	2D Inorganic-Antimalarial Drug-Polymer Hybrid with pH-Responsive Solubility. <i>Chemistry - an Asian Journal</i> , 2015 , 10, 2264-71	4.5	13
20	Enhanced thermal stability and mechanical property of EVA nanocomposites upon addition of organo-intercalated LDH nanoparticles. <i>Polymer</i> , 2019 , 177, 274-281	3.9	11
19	Niclosamide-Clay Intercalate Coated with Nonionic Polymer for Enhanced Bioavailability toward COVID-19 Treatment. <i>Polymers</i> , 2021 , 13,	4.5	11
18	Alendronate-Anionic Clay Nanohybrid for Enhanced Osteogenic Proliferation and Differentiation. <i>Journal of Korean Medical Science</i> , 2019 , 34, e37	4.7	11
17	Effect of organo-smectite clays on the mechanical properties and thermal stability of EVA nanocomposites. <i>Applied Clay Science</i> , 2020 , 196, 105750	5.2	10
16	Highly Enhanced Photocatalytic Water-Splitting Activity of Gallium Zinc Oxynitride Derived from Flux-Assisted Zn/Ga Layered Double Hydroxides. <i>Industrial & Engineering Chemistry Research</i> , 2018 , 57, 16264-16271	3.9	9
15	Stabilization of antioxidant gallate in layered double hydroxide by exfoliation and reassembling reaction. <i>Solid State Sciences</i> , 2018 , 80, 65-71	3.4	8
14	Most facile synthesis of Zn-Al:LDHs nanosheets at room temperature via environmentally friendly process and their high power generation by flexoelectricity. <i>Materials Today Energy</i> , 2018 , 10, 254-263	7	8
13	Recent Developments on Semiconducting Polymer Nanoparticles as Smart Photo-Therapeutic Agents for Cancer Treatments-A Review. <i>Polymers</i> , 2021 , 13,	4.5	7
12	Bovine Serum Albumin-Coated Niclosamide-Zein Nanoparticles as Potential Injectable Medicine against COVID-19. <i>Materials</i> , 2021 , 14,	3.5	6

11	Recent progress in layered double hydroxides as a cancer theranostic nanoplatfrom. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2021 , 13, e1679	9.2	6
10	Vectorized Clay Nanoparticles in Therapy and Diagnosis. <i>Clays and Clay Minerals</i> , 2019 , 67, 25-43	2.1	5
9	A geopolymer route to micro- and meso-porous carbon.. <i>RSC Advances</i> , 2020 , 10, 6814-6821	3.7	5
8	Monolayer Graphitic Carbon Nitride as Metal-Free Catalyst with Enhanced Performance in Photo- and Electro-Catalysis.. <i>Nano-Micro Letters</i> , 2022 , 14, 55	19.5	5
7	Brimonidine-montmorillonite hybrid formulation for topical drug delivery to the eye. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 7914-7920	7.3	4
6	Hydrotalcite-Niclosamide Nanohybrid as Oral Formulation towards SARS-CoV-2 Viral Infections. <i>Pharmaceuticals</i> , 2021 , 14,	5.2	4
5	Niclosamide encapsulated in mesoporous silica and geopolymer: A potential oral formulation for COVID-19. <i>Microporous and Mesoporous Materials</i> , 2021 , 326, 111394	5.3	3
4	Y(III) ion substituted 2D anionic clay (I); in-vitro cytotoxicity and intercellular uptake behavior. <i>Applied Clay Science</i> , 2019 , 176, 58-65	5.2	2
3	NICLOSAMIDE-EXFOLIATED ANIONIC CLAY NANOHYBRID REPURPOSED AS AN ANTIVIRAL DRUG FOR TACKLING COVID-19; ORAL FORMULATION WITH TWEEN 60/EUDRAGIT S100. <i>Clays and Clay Minerals</i> , 2021 , 1-14	2.1	1
2	Chitosan hybrids for cosmeceutical applications in skin, hair and dental care: an update. <i>Emergent Materials</i> , ¹	3.5	1
1	Injectable niclosamide nanohybrid as an anti-SARS-CoV-2 strategy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021 , 208, 112063	6	0