Mohd Zobir B Hussein

List of Publications by Year
in descending order

296	11,056	31902 53	51492 86
papers	citations	h-index	g-index

297	297	297	13187
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Poly(lactic acid)/Poly(ethylene glycol) Polymer Nanocomposites: Effects of Graphene Nanoplatelets. Polymers, 2014, 6, 93-104.	2.0	416
2	Visible Light-Induced Degradation of Methylene Blue in the Presence of Photocatalytic ZnS and CdS Nanoparticles. International Journal of Molecular Sciences, 2012, 13, 12242-12258.	1.8	349
3	Preparation of cellulose nanofibers with hydrophobic surface characteristics. Cellulose, 2010, 17, 299-307.	2.4	275
4	Carbon-Based Nanomaterials/Allotropes: A Glimpse of Their Synthesis, Properties and Some Applications. Materials, 2018, 11, 295.	1.3	239
5	Carbon Nanomaterials for the Treatment of Heavy Metal-Contaminated Water and Environmental Remediation. Nanoscale Research Letters, 2019, 14, 341.	3.1	202
6	The Effect of Sodium Dodecyl Sulfate (SDS) and Cetyltrimethylammonium Bromide (CTAB) on the Properties of ZnO Synthesized by Hydrothermal Method. International Journal of Molecular Sciences, 2012, 13, 13275-13293.	1.8	200
7	Controlled release of a plant growth regulator, Î±-naphthaleneacetate from the lamella of Znâ€“Al-layered double hydroxide nanocomposite. Journal of Controlled Release, 2002, 82, 417-427.	4.8	181
8	Characterization of TiO2â€“Chitosan/Glass photocatalyst for the removal of a monoazo dye via photodegradationâ€“adsorption process. Journal of Hazardous Materials, 2009, 164, 138-145.	6.5	173
9	Preparation of Fe3O4 magnetic nanoparticles coated with gallic acid for drug delivery. International Journal of Nanomedicine, 2012, 7, 5745.	3.3	160
10	Green Synthesis and Characterization of Silver/Chitosan/Polyethylene Glycol Nanocomposites without any Reducing Agent. International Journal of Molecular Sciences, 2011, 12, 4872-4884.	1.8	153
11	Photocatalytic treatment of 4-chlorophenol in aqueous ZnO suspensions: Intermediates, influence of dosage and inorganic anions. Journal of Hazardous Materials, 2009, 168, 57-63.	6.5	149
12	Znâ€“Al layered double hydroxide prepared at different molar ratios: Preparation, characterization, optical and dielectric properties. Journal of Solid State Chemistry, 2012, 191, 271-278.	1.4	133
13	Cathodic electrodeposition of SnS in the presence of EDTA in aqueous media. Solar Energy Materials and Solar Cells, 1998, 55, 237-249.	3.0	128
14	Cathodic electrodeposition of SnS thin films from aqueous solution. Solar Energy Materials and Solar Cells, 1996, 40, 347-357.	3.0	122
15	Chitosan-Based Agronanochemicals as a Sustainable Alternative in Crop Protection. Molecules, 2020, 25, 1611.	1.7	118
16	Copper oxide nanoparticles-loaded zeolite and its characteristics and antibacterial activities. Journal of Materials Science and Technology, 2017, 33, 889-896.	5.6	115
17	Synthesis and Technology of Nanoemulsion-Based Pesticide Formulation. Nanomaterials, 2020, 10, 1608.	1.9	115
18	Nanocomposite-based controlled release formulation of an herbicide, 2,4-dichlorophenoxyacetate incapsulated in zincâ€“aluminium-layered double hydroxide. Science and Technology of Advanced Materials, 2005, 6, 956-962.	2.8	112

#	Article	IF	Citations
19	Hydrothermal synthesis of zinc oxide nanoparticles using rice as soft biotemplate. Chemistry Central Journal, 2013, 7, 136.	2.6	111
20	Influence of the Polyvinyl Pyrrolidone Concentration on Particle Size and Dispersion of ZnS Nanoparticles Synthesized by Microwave Irradiation. International Journal of Molecular Sciences, 2012, 13, 12412-12427.	1.8	103
21	Characterisation of calcium carbonate and its polymorphs from cockle shells (Anadara granosa). Powder Technology, 2011, 213, 188-191.	2.1	101
22	Effects of Graphene Nanoplatelets and Reduced Graphene Oxide on Poly(lactic acid) and Plasticized Poly(lactic acid): A Comparative Study. Polymers, 2014, 6, 2232-2246.	2.0	100
23	Effect of zinc oxide amounts on the properties and antibacterial activities of zeolite/zinc oxide nanocomposite. Materials Science and Engineering C, 2016, 68, 505-511.	3.8	100
24	Application of natural kaolin as support for the immobilization of lipase from Candida rugosa as biocatalsyt for effective esterification. Applied Clay Science, 2005, 29, 111-116.	2.6	96
25	Synthesis, characterization, and antimicrobial activity of an ampicillin-conjugated magnetic nanoantibiotic for medical applications. International Journal of Nanomedicine, 2014, 9, 3801.	3.3	96
26	Sustained release of anticancer agent phytic acid from its chitosan-coated magnetic nanoparticles for drug-delivery system. International Journal of Nanomedicine, 2017, Volume 12, 2361-2372.	3.3	94
27	Graphene Nanoplatelets as Novel Reinforcement Filler in Poly(lactic acid)/Epoxidized Palm Oil Green Nanocomposites: Mechanical Properties. International Journal of Molecular Sciences, 2012, 13, 10920-10934.	1.8	92
28	Improvement of the crystallinity and photocatalytic property of zinc oxide as calcination product of Znâ€“Al layered double hydroxide. Journal of Alloys and Compounds, 2012, 539, 154-160.	2.8	91
29	Nanocarrier-Based Therapeutics and Theranostics Drug Delivery Systems for Next Generation of Liver Cancer Nanodrug Modalities . International Journal of Nanomedicine, 2020, Volume 15, 1437-1456.	3.3	91
30	Graphene oxide as a nanocarrier for controlled release and targeted delivery of an anticancer active agent, chlorogenic acid. Materials Science and Engineering C, 2017, 74, 177-185.	3.8	89
31	Thermal, optical and dielectric properties of Znâ€“Al layered double hydroxide. Applied Clay Science, 2012, 56, 68-76.	2.6	85
32	Synthesis and characterization of ZnO nanostructures using palm olein as biotemplate. Chemistry Central Journal, 2013, 7, 71.	2.6	84
33	A novel method for the synthesis of calcium carbonate (aragonite) nanoparticles from cockle shells. Powder Technology, 2013, 235, 70-75.	2.1	84
34	Cytotoxicity of nickel zinc ferrite nanoparticles on cancer cells of epithelial origin. International Journal of Nanomedicine, 2013, 8, 2497.	3.3	84
35	Removal of dyes using immobilized titanium dioxide illuminated by fluorescent lamps. Journal of Hazardous Materials, 2005, 125, 113-120.	6.5	81
36	Synthesis, Antibacterial and Thermal Studies of Cellulose Nanocrystal Stabilized ZnO-Ag Heterostructure Nanoparticles. Molecules, 2013, 18, 6269-6280.	1.7	81

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37	Development of antiproliferative nanohybrid compound with controlled release property using ellagic acid as the active agent. International Journal of Nanomedicine, 2011, 6, 1373.	3.3	78
38	Photocatalytic removal of 2,4,6-trichlorophenol from water exploiting commercial ZnO powder. Desalination, 2010, 263, 176-182.	4.0	76
39	Plasticized poly(lactic acid) with low molecular weight poly(ethylene glycol): Mechanical, thermal, and morphology properties. Journal of Applied Polymer Science, 2013, 130, 4576-4580.	1.3	76
40	Preparation and properties of poly(vinyl alcohol)/chitosan blend bionanocomposites reinforced with cellulose nanocrystals/ZnO-Ag multifunctional nanosized filler. International Journal of Nanomedicine, 2014, 9, 1909.	3.3	76
41	Palm Kernel Shell as an effective adsorbent for the treatment of heavy metal contaminated water. Scientific Reports, 2019, 9, 18955.	1.6	76
42	Preparation and Characterization of Molecularly Imprinted Polymer as SPE Sorbent for Melamine Isolation. Polymers, 2013, 5, 1215-1228.	2.0	75
43	Drug delivery system for an anticancer agent, chlorogenate-Zn/Al-layered double hydroxide nanohybrid synthesised using direct co-precipitation and ion exchange methods. Journal of Solid State Chemistry, 2014, 217, 31-41.	1.4	72
44	Graphene Oxide-Gallic Acid Nanodelivery System for Cancer Therapy. Nanoscale Research Letters, 2016, 11, 491.	3.1	67
45	Layered double hydroxide nanocomposite for drug delivery systems; bio-distribution, toxicity and drug activity enhancement. Chemistry Central Journal, 2014, 8, 47.	2.6	66
46	Development of a controlled-release anti-parkinsonian nanodelivery system using levodopa as the active agent. International Journal of Nanomedicine, 2013, 8, 1103.	3.3	63
47	Immobilisation of lipase from Candida rugosa on layered double hydroxides of Mg/Al and its nanocomposite as biocatalyst for the synthesis of ester. Catalysis Today, 2004, 93-95, 405-410.	2.2	62
48	Folic acid targeted Mn:ZnS quantum dots for theranostic applications of cancer cell imaging and therapy. International Journal of Nanomedicine, 2016, 11, 413.	3.3	62
49	The ability of streptomycin-loaded chitosan-coated magnetic nanocomposites to possess antimicrobial and antituberculosis activities. International Journal of Nanomedicine, 2015, 10, 3269.	3.3	61
50	Gadolinium-based layered double hydroxide and graphene oxide nano-carriers for magnetic resonance imaging and drug delivery. Chemistry Central Journal, 2017, 11, 47.	2.6	60
51	Electrochemical-assisted photodegradation of mixed dye and textile effluents using TiO2 thin films. Journal of Hazardous Materials, 2007, 146, 73-80.	6.5	59
52	Nanomaterials-Upconverted Hydroxyapatite for Bone Tissue Engineering and a Platform for Drug Delivery. International Journal of Nanomedicine, 2021, Volume 16, 6477-6496.	3.3	59
53	Oil Palm Waste-Based Precursors as a Renewable and Economical Carbon Sources for the Preparation of Reduced Graphene Oxide from Graphene Oxide. Nanomaterials, 2017, 7, 182.	1.9	58
54	Inorganic nanolayers: structure, preparation, and biomedical applications. International Journal of Nanomedicine, 2015, 10, 5609.	3.3	57

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55	Enzymatic synthesis of methyl adipate ester using lipase from Candida rugosa immobilised on Mg, Zn and Ni of layered double hydroxides (LDHs). Journal of Molecular Catalysis B: Enzymatic, 2008, 50, 33-39.	1.8	56
56	Preparation of Chitosanâ€“Hexaconazole Nanoparticles as Fungicide Nanodelivery System for Combating Ganoderma Disease in Oil Palm. Molecules, 2019, 24, 2498.	1.7	55
57	Synthesis and characterization of (zinc-layered-gallate) nanohybrid using structural memory effect. Materials Chemistry and Physics, 2009, 113, 491-496.	2.0	54
58	Synthesis of (cinnamate-zinc layered hydroxide) intercalation compound for sunscreen application. Chemistry Central Journal, 2013, 7, 26.	2.6	54
59	Drug delivery system based on magnetic iron oxide nanoparticles coated with (polyvinyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5 0 5 2021, 60, 733-747.	3.4	53
60	Sustained release formulation of an anti-tuberculosis drug based on para-amino salicylic acid-zinc layered hydroxide nanocomposite. Chemistry Central Journal, 2013, 7, 72.	2.6	51
61	Preparation and controlled-release studies of a protocatechuic acid-magnesium/aluminum-layered double hydroxide nanocomposite. International Journal of Nanomedicine, 2013, 8, 1975.	3.3	51
62	Synthesis, characterization, controlled release, and antibacterial studies of a novel streptomycin chitosan magnetic nanoantibiotic. International Journal of Nanomedicine, 2014, 9, 549.	3.3	50
63	Synthesis of protocatechuic acidâ€“zinc/aluminiumâ€“layered double hydroxide nanocomposite as an anticancer nanodelivery system. Journal of Solid State Chemistry, 2015, 221, 21-31.	1.4	49
64	Engineered Nanomaterials: The Challenges and Opportunities for Nanomedicines. International Journal of Nanomedicine, 2021, Volume 16, 161-184.	3.3	49
65	Development of Drug Delivery Systems Based on Layered Hydroxides for Nanomedicine. International Journal of Molecular Sciences, 2014, 15, 7750-7786.	1.8	48
66	Activated carbon derived from peat soil as a framework for the preparation of shape-stabilized phase change material. Energy, 2015, 82, 468-478.	4.5	48
67	An Overview of the Oil Palm Industry: Challenges and Some Emerging Opportunities for Nanotechnology Development. Agronomy, 2020, 10, 356.	1.3	47
68	Preparation, Characterization and Thermal Degradation of Polyimide (4-APS/BTDA)/SiO2 Composite Films. International Journal of Molecular Sciences, 2012, 13, 4860-4872.	1.8	46
69	Antimicrobial and Controlled Release Studies of a Novel Nystatin Conjugated Iron Oxide Nanocomposite. BioMed Research International, 2014, 2014, 1-13.	0.9	46
70	Characterization of thymoquinone/hydroxypropyl-Î²-cyclodextrin inclusion complex: Application to anti-allergy properties. European Journal of Pharmaceutical Sciences, 2019, 133, 167-182.	1.9	46
71	Synthesis of layered organicâ€“inorganic nanohybrid material: an organic dye, naphthol blue black in magnesiumâ€“aluminum layered double hydroxide inorganic lamella. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2002, 88, 98-102.	1.7	45
72	Effect of graphene nanoplatelets as nanofiller in plasticized poly(lactic acid) nanocomposites. Journal of Thermal Analysis and Calorimetry, 2014, 118, 1551-1559.	2.0	45

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73	Improved Anticancer Effect of Magnetite Nanocomposite Formulation of GALLIC Acid (Fe3O4-PEG-GA) Against Lung, Breast and Colon Cancer Cells. Nanomaterials, 2018, 8, 83.	1.9	45
74	Dual Drugs Anticancer Nanoformulation using Graphene Oxide-PEG as Nanocarrier for Protocatechuic Acid and Chlorogenic Acid. Pharmaceutical Research, 2019, 36, 91.	1.7	45
75	Electrodeposition of tin selenide thin film semiconductor: effect of the electrolytes concentration on the film properties. Solar Energy Materials and Solar Cells, 2003, 79, 125-132.	3.0	44
76	Sorption removal of arsenic by cerium-exchanged zeolite P. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2008, 149, 204-208.	1.7	44
77	Release behavior and toxicity profiles towards A549 cell lines of ciprofloxacin from its layered zinc hydroxide intercalation compound. Chemistry Central Journal, 2013, 7, 119.	2.6	44
78	Preparation and characterization of 6-mercaptopurine-coated magnetite nanoparticles as a drug delivery system. Drug Design, Development and Therapy, 2013, 7, 1015.	2.0	43
79	Palm Kernel Shell Activated Carbon as an Inorganic Framework for Shape-Stabilized Phase Change Material. Nanomaterials, 2018, 8, 689.	1.9	43
80	In VitroSustained Release Study of Gallic Acid Coated with Magnetite-PEG and Magnetite-PVA for Drug Delivery System. Scientific World Journal, The, 2014, 2014, 1-11.	0.8	42
81	A Review on Characterizations and Biocompatibility of Functionalized Carbon Nanotubes in Drug Delivery Design. Journal of Nanomaterials, 2014, 2014, 1-20.	1.5	42
82	Successful transfer of plasmid DNA intoin vitrocells transfected with an inorganic plasmidâ€“Mg/Al-LDH nanobiocomposite material as a vector for gene expression. Nanotechnology, 2009, 20, 045602.	1.3	41
83	Controlled release and angiotensin-converting enzyme inhibition properties of an antihypertensive drug based on a perindopril erbumine-layered double hydroxide nanocomposite. International Journal of Nanomedicine, 2012, 7, 2129.	3.3	41
84	Bacillus cereus as a biotemplating agent for the synthesis of zinc oxide with raspberry- and plate-like structures. Journal of Inorganic Biochemistry, 2009, 103, 1145-1150.	1.5	40
85	Facile Synthesis of Calcium Carbonate Nanoparticles from Cockle Shells. Journal of Nanomaterials, 2012, 2012, 1-5.	1.5	40
86	Trends in Nanotechnology and Its Potentialities to Control Plant Pathogenic Fungi: A Review. Biology, 2021, 10, 881.	1.3	40
87	Preparation of hippurate-zinc layered hydroxide nanohybrid and its synergistic effect with tamoxifen on HepG2 cell lines. International Journal of Nanomedicine, 2011, 6, 3099.	3.3	39
88	Development of a Fluorescence Resonance Energy Transfer (FRET)-Based DNA Biosensor for Detection of Synthetic Oligonucleotide of Ganoderma boninense. Biosensors, 2013, 3, 419-428.	2.3	39
89	Nanomaterials for the Treatment of Heavy Metal Contaminated Water. Polymers, 2022, 14, 583.	2.0	39
90	Electrochemical-assisted photodegradation of dye on TiO2 thin films: investigation on the effect of operational parameters. Journal of Hazardous Materials, 2005, 118, 197-203.	6.5	38

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91	Herbicide-Intercalated Zinc Layered Hydroxide Nanohybrid for a Dual-Guest Controlled Release Formulation. International Journal of Molecular Sciences, 2012, 13, 7328-7342.	1.8	38
92	The effect of polymers onto the size of zinc layered hydroxide salt and its calcined product. Solid State Sciences, 2009, 11, 368-375.	1.5	37
93	Characterization and in vitro studies of the anticancer effect of oxidized carbon nanotubes functionalized with betulinic acid. Drug Design, Development and Therapy, 2014, 8, 2333.	2.0	37
94	Release of a liver anticancer drug, sorafenib from its PVA/LDH- and PEG/LDH-coated iron oxide nanoparticles for drug delivery applications. Scientific Reports, 2020, 10, 21521.	1.6	37
95	Comparison of In Situ Polymerization and Solution-Dispersion Techniques in the Preparation of Polyimide/Montmorillonite (MMT) Nanocomposites. International Journal of Molecular Sciences, 2011, 12, 6040-6050.	1.8	36
96	Controlled-release formulation of antihistamine based on cetirizine zinc-layered hydroxide nanocomposites and its effect on histamine release from basophilic leukemia (RBL-2H3) cells. International Journal of Nanomedicine, 2012, 7, 3351.	3.3	36
97	Graphene Oxideâ€“PEGâ€“Protocatechuic Acid Nanocomposite Formulation with Improved Anticancer Properties. Nanomaterials, 2018, 8, 820.	1.9	36
98	Gallateâ€“Znâ€“Al-layered double hydroxide as an intercalated compound with new controlled release formulation of anticarcinogenic agent. Journal of Physics and Chemistry of Solids, 2010, 71, 1565-1570.	1.9	35
99	Controlled-release approaches towards the chemotherapy of tuberculosis. International Journal of Nanomedicine, 2012, 7, 5451.	3.3	34
100	Induction of apoptosis in cancer cells by NiZn ferrite nanoparticles through mitochondrial cytochrome C release. International Journal of Nanomedicine, 2013, 8, 4115.	3.3	34
101	Preparation of Tween 80-Zn/Al-Levodopa-Layered Double Hydroxides Nanocomposite for Drug Delivery System. Scientific World Journal, The, 2014, 2014, 1-10.	0.8	34
102	Chlorogenic acid intercalated Gadoliniumâ€“Zinc/Aluminium layered double hydroxide and gold nanohybrid for MR imaging and drug delivery. Materials Chemistry and Physics, 2020, 240, 122232.	2.0	34
103	Synthesis of organo-mineral nanohybrid material: indole-2-carboxylate in the lamella of Znâ€“Al-layered double hydroxide. Materials Chemistry and Physics, 2004, 85, 427-431.	2.0	33
104	Dye-interleaved nanocomposite: Evan's Blue in the lamella of Mgâ€“Al-layered double hydroxide. Dyes and Pigments, 2004, 63, 135-140.	2.0	32
105	Synthesis and characterization of [4-(2,4-dichlorophenoxybutyrate)-zinc layered hydroxide] nanohybrid. Solid State Sciences, 2010, 12, 770-775.	1.5	32
106	Release behaviour and toxicity evaluation of levodopa from carboxylated single-walled carbon nanotubes. Beilstein Journal of Nanotechnology, 2015, 6, 243-253.	1.5	32
107	Effect of supporting electrolytes in electrochemically-assisted photodegradation of an azo dye. Journal of Photochemistry and Photobiology A: Chemistry, 2005, 172, 316-321.	2.0	31
108	Size-Controlled Synthesis of Fe3O4Magnetic Nanoparticles in the Layers of Montmorillonite. Journal of Nanomaterials, 2014, 2014, 1-9.	1.5	31

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109	Toxicity and Metabolism of Layered Double Hydroxide Intercalated with Levodopa in a Parkinsonâ€™s Disease Model. International Journal of Molecular Sciences, 2014, 15, 5916-5927.	1.8	31
110	Oil Palm Trunk as a Raw Material for Activated Carbon Production. Journal of Porous Materials, 2001, 8, 327-334.	1.3	30
111	Development of Tat-Conjugated Dendrimer for Transdermal DNA Vaccine Delivery. Journal of Pharmacy and Pharmaceutical Sciences, 2016, 19, 325.	0.9	30
112	Graphene Oxide as a Nanocarrier for a Theranostics Delivery System of Protocatechuic Acid and Gadolinium/Gold Nanoparticles. Molecules, 2018, 23, 500.	1.7	30
113	Some Emerging Opportunities of Nanotechnology Development for Soilless and Microgreen Farming. Agronomy, 2021, 11, 1213.	1.3	30
114	Immobilization of Lipase From <I>Candida rugosa</I> on Layered Double Hydroxides for Esterification Reaction. Applied Biochemistry and Biotechnology, 2004, 118, 313-320.	1.4	29
115	LDH-intercalated d-gluconate: Generation of a new food additive-inorganic nanohybrid compound. Journal of Physics and Chemistry of Solids, 2009, 70, 948-954.	1.9	29
116	Anodization Parameters Influencing the Growth of Titania Nanotubes and Their Photoelectrochemical Response. International Journal of Photoenergy, 2012, 2012, 1-9.	1.4	29
117	Enhanced fungicidal efficacy onGanoderma boninenseby simultaneous co-delivery of hexaconazole and dazomet from their chitosan nanoparticles. RSC Advances, 2019, 9, 27083-27095.	1.7	29
118	Increased ROS Scavenging and Antioxidant Efficiency of Chlorogenic Acid Compound Delivered via a Chitosan Nanoparticulate System for Efficient In Vitro Visualization and Accumulation in Human Renal Adenocarcinoma Cells. International Journal of Molecular Sciences, 2019, 20, 4667.	1.8	29
119	Effect of bath temperature on the electrodeposition of copper tin selenide films from aqueous solution. Materials Letters, 2004, 58, 2199-2202.	1.3	28
120	In Vitro Inhibition of Histamine Release Behavior of Cetirizine Intercalated into Zn/Al- and Mg/Al-Layered Double Hydroxides. International Journal of Molecular Sciences, 2012, 13, 5899-5916.	1.8	28
121	Optical and Thermal Properties of Zn/Al-Layered Double Hydroxide Nanocomposite Intercalated with Sodium Dodecyl Sulfate. Journal of Spectroscopy, 2014, 2014, 1-10.	0.6	28
122	Synthesis of a monophasic nanohybrid for a controlled release formulation of two active agents simultaneously. Applied Clay Science, 2012, 58, 60-66.	2.6	27
123	Preparation and characterization of an anti-inflammatory agent based on a zinc-layered hydroxide-salicylate nanohybrid and its effect on viability of Vero-3 cells. International Journal of Nanomedicine, 2013, 8, 297.	3.3	27
124	Novel kojic acid-polymer-based magnetic nanocomposites for medical applications. International Journal of Nanomedicine, 2014, 9, 351.	3.3	27
125	Development of a biocompatible nanodelivery system for tuberculosis drugs based on isoniazid-Mg/Al layered double hydroxide. International Journal of Nanomedicine, 2014, 9, 4749.	3.3	27
126	Preparation and properties of poly(vinyl alcohol)/chitosan blend bio-nanocomposites reinforced by cellulose nanocrystals. Chinese Journal of Polymer Science (English Edition), 2014, 32, 1620-1627.	2.0	27

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127	Induction of a robust immune response against avian influenza virus following transdermal inoculation with H5-DNA vaccine formulated in modified dendrimer-based delivery system in mouse model. International Journal of Nanomedicine, 2017, Volume 12, 8573-8585.	3.3	27
128	Electrochemical Energy Storage Potentials of Waste Biomass: Oil Palm Leaf- and Palm Kernel Shell-Derived Activated Carbons. Energies, 2018, 11, 3410.	1.6	27
129	Physicochemical properties of hydroxyapatite/montmorillonite nanocomposite prepared by powder sintering. Results in Physics, 2019, 15, 102540.	2.0	27
130	Synthesis and Characterization of Chitosan-Based Nanodelivery Systems to Enhance the Anticancer Effect of Sorafenib Drug in Hepatocellular Carcinoma and Colorectal Adenocarcinoma Cells. Nanomaterials, 2021, 11, 497.	1.9	27
131	Title is missing!. Journal of Nanoparticle Research, 2000, 2, 293-298.	0.8	26
132	Photocatalytic Degradation of 2,4-dichlorophenol in Irradiated Aqueous ZnO Suspension. International Journal of Chemistry, 2010, 2, .	0.3	26
133	Antituberculosis nanodelivery system with controlled-release properties based on para-amino salicylate–zinc aluminum-layered double-hydroxide nanocomposites. Drug Design, Development and Therapy, 2013, 7, 1365.	2.0	26
134	Influence of sodium dodecyl sulfate concentration on the photocatalytic activity and dielectric properties of intercalated sodium dodecyl sulfate into Znâ€“Cdâ€“Al layered double hydroxide. Materials Research Bulletin, 2015, 62, 122-131.	2.7	26
135	Designing of the Anticancer Nanocomposite with Sustained Release Properties by Using Graphene Oxide Nanocarrier with Phenethyl Isothiocyanate as Anticancer Agent. Pharmaceutics, 2018, 10, 109.	2.0	26
136	Mesoporous ZnO/ZnAl2O4 mixed metal oxide-based Zn/Al layered double hydroxide as an effective anode material for visible light photodetector. Materials Science in Semiconductor Processing, 2021, 121, 105370.	1.9	26
137	Synthesis of 4-Chlorophenoxyacetate-Zinc-Aluminium-Layered Double Hydroxide Nanocomposite: Physico-Chemical and Controlled Release Properties. Journal of Nanoscience and Nanotechnology, 2007, 7, 2852-2862.	0.9	25
138	Sustained Release of Prindopril Erbumine from Its Chitosan-Coated Magnetic Nanoparticles for Biomedical Applications. International Journal of Molecular Sciences, 2013, 14, 23639-23653.	1.8	25
139	Novel Anti-Tuberculosis Nanodelivery Formulation of Ethambutol with Graphene Oxide. Molecules, 2017, 22, 1560.	1.7	25
140	Preparation of chitosan nanoparticles as a drug delivery system for perindopril erbumine. Polymer Composites, 2018, 39, 544-552.	2.3	25
141	Synthesis and properties of magnetic nanotheranostics coated with polyethylene glycol/5-fluorouracil/layered double hydroxide . International Journal of Nanomedicine, 2019, Volume 14, 6661-6678.	3.3	25
142	Acid fuchsin-interleaved Mgâ€“Al-layered double hydroxide for the formation of an organicâ€“inorganic hybrid nanocomposite. Materials Letters, 2004, 58, 329-332.	1.3	24
143	Controlled-release formulation of perindopril erbumine loaded PEG-coated magnetite nanoparticles for biomedical applications. Journal of Materials Science, 2014, 49, 8487-8497.	1.7	24
144	Preparation and characterization of ZnO/ZnAl2O4-mixed metal oxides for dye-sensitized photodetector using Zn/Al-layered double hydroxide as precursor. Journal of Nanoparticle Research, 2019, 21, 1.	0.8	24

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145	Chitosan-Based Agronanofungicides as a Sustainable Alternative in the Basal Stem Rot Disease Management. Journal of Agricultural and Food Chemistry, 2020, 68, 4305-4314.	2.4	24
146	Production of highly enantioselective (â˜)-menthyl butyrate using Candida rugosa lipase immobilized on epoxy-activated supports. Food Chemistry, 2008, 106, 437-443.	4.2	23
147	Phase Controlled Monodispersed CdS Nanocrystals Synthesized in Polymer Solution Using Microwave Irradiation. Journal of Inorganic and Organometallic Polymers and Materials, 2012, 22, 830-836.	1.9	23
148	Biocompatible polymers coated on carboxylated nanotubes functionalized with betulinic acid for effective drug delivery. Journal of Materials Science: Materials in Medicine, 2016, 27, 26.	1.7	23
149	Comparative study of Mg/Al- and Zn/Al-layered double hydroxide-perindopril erbumine nanocomposites for inhibition of angiotensin-converting enzyme. International Journal of Nanomedicine, 2012, 7, 4251.	3.3	22
150	Synthesis and controlled release properties of 2,4-dichlorophenoxy acetateâ€“zinc layered hydroxide nanohybrid. Journal of Solid State Chemistry, 2013, 203, 19-24.	1.4	22
151	Synthesis of (Hexaconazole-Zinc/Aluminum-Layered Double Hydroxide Nanocomposite) Fungicide Nanodelivery System for Controlling Ganoderma Disease in Oil Palm. Journal of Agricultural and Food Chemistry, 2018, 66, 806-813.	2.4	22
152	A Potent Antifungal Agent for Basal Stem Rot Disease Treatment in Oil Palms Based on Chitosan-Dazomet Nanoparticles. International Journal of Molecular Sciences, 2019, 20, 2247.	1.8	22
153	Synthesis of nanocomposite 2-methyl-4-chlorophenoxyacetic acid with layered double hydroxide: physicochemical characterization and controlled release properties. Journal of Nanoparticle Research, 2013, 15, 1.	0.8	21
154	The in vitro therapeutic activity of betulinic acid nanocomposite on breast cancer cells (MCF-7) and normal fibroblast cell (3T3). Journal of Materials Science, 2014, 49, 8171-8182.	1.7	21
155	Gadolinium-Doped Gallic Acid-Zinc/Aluminium-Layered Double Hydroxide/Gold Theranostic Nanoparticles for a Bimodal Magnetic Resonance Imaging and Drug Delivery System. Nanomaterials, 2017, 7, 244.	1.9	21
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