

Zhi Ping Xu

List of Publications by Year in descending order

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292
papers

17,891
citations

12330
69
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20358
116
g-index

297
all docs

297
docs citations

297
times ranked

18087
citing authors

#	ARTICLE	IF	CITATIONS
1	Engineering lattice defects in 2D nanomaterials for enhancing biomedical performances. Particuology, 2022, 64, 121-133.	3.6	7
2	Effects of nanoparticles on the blood coagulation system (nanoparticle interface with the blood) Tj ETQq0 0 0 rgBT /Overlock ₂ 10 Tf 50 7		
3	Dynamic nano-assemblies based on two-dimensional inorganic nanoparticles: Construction and preclinical demonstration. Advanced Drug Delivery Reviews, 2022, 180, 114031.	13.7	14
4	Strategy for Cytoplasmic Delivery Using Inorganic Particles. Pharmaceutical Research, 2022, 39, 1035-1045.	3.5	10
5	Fluorescence detection and imaging of intracellular sulphite using a remote light activatable photochromic nanoprobe. Journal of Materials Chemistry B, 2022, 10, 3366-3374.	5.8	7
6	Material Nanotechnology Is Sustaining Modern Agriculture. ACS Agricultural Science and Technology, 2022, 2, 232-239.	2.3	10
7	Tailoring functional nanoparticles for oral vaccine delivery: Recent advances and future perspectives. Composites Part B: Engineering, 2022, 236, 109826.	12.0	22
8	MnO ₂ -shelled Doxorubicin/Curcumin nanoformulation for enhanced colorectal cancer chemo-immunotherapy. Journal of Colloid and Interface Science, 2022, 617, 315-325.	9.4	12
9	Foliar application of clay-delivered RNA interference for whitefly control. Nature Plants, 2022, 8, 535-548.	9.3	65
10	Therapeutic gasâ€releasing nanomedicines with controlled release: Advances and perspectives. Exploration, 2022, 2, .	11.0	19
11	Two-dimensional nanomaterials for tumor microenvironment modulation and anticancer therapy. Advanced Drug Delivery Reviews, 2022, 187, 114360.	13.7	31
12	Determination and Imaging of Small Biomolecules and Ions Using Ruthenium(II) Complex-Based Chemosensors. Topics in Current Chemistry, 2022, 380, .	5.8	22
13	PD-L1-Targeted Co-Delivery of Two Chemotherapeutics for Efficient Suppression of Skin Cancer Growth. Pharmaceutics, 2022, 14, 1488.	4.5	0
14	Creating Structural Defects of Drugâ€Free Copperâ€Containing Layered Double Hydroxide Nanoparticles to Synergize Photothermal/Photodynamic/Chemodynamic Cancer Therapy. Small Structures, 2021, 2, 2000112.	12.0	54
15	Lipid-encapsulated upconversion nanoparticle for near-infrared light-mediated carbon monoxide release for cancer gas therapy. European Journal of Pharmaceutics and Biopharmaceutics, 2021, 158, 211-221.	4.3	26
16	Efficient delivery of clay-based nanovaccines to the mouse spleen promotes potent anti-tumor immunity for both prevention and treatment of lymphoma. Nano Research, 2021, 14, 1326-1334.	10.4	26
17	Targeted Molecular Imaging of Cardiovascular Diseases by Iron Oxide Nanoparticles. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, 601-613.	2.4	44
18	ATP stabilised and sensitised calcium phosphate nanoparticles as effective adjuvants for a DNA vaccine against cancer. Journal of Materials Chemistry B, 2021, 9, 7435-7446.	5.8	13

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19	Enhancing Tumor Accumulation and Cellular Uptake of Layered Double Hydroxide Nanoparticles by Coating/Detaching pH-Triggered Charge-Convertible Polymers. ACS Omega, 2021, 6, 3822-3830.	3.5	13
20	Synergistic Cancer Photochemotherapy via Layered Double Hydroxide-Based Trimodal Nanomedicine at Very Low Therapeutic Doses. ACS Applied Materials & Interfaces, 2021, 13, 7115-7126.	8.0	61
21	Calcium-bisphosphonate Nanoparticle Platform as a Prolonged Nanodrug and Bone-Targeted Delivery System for Bone Diseases and Cancers. ACS Applied Bio Materials, 2021, 4, 2490-2501.	4.6	7
22	Nanobody: A Small Antibody with Big Implications for Tumor Therapeutic Strategy. International Journal of Nanomedicine, 2021, Volume 16, 2337-2356.	6.7	51
23	Responsive small-molecule luminescence probes for sulfite/bisulfite detection in food samples. TrAC - Trends in Analytical Chemistry, 2021, 136, 116199.	11.4	81
24	Synergistic Inhibition of Drug-Resistant Colon Cancer Growth with PI3K/mTOR Dual Inhibitor BEZ235 and Nano-Emulsified Paclitaxel via Reducing Multidrug Resistance and Promoting Apoptosis. International Journal of Nanomedicine, 2021, Volume 16, 2173-2186.	6.7	24
25	Mannose-Functionalized Biodegradable Nanoparticles Efficiently Deliver DNA Vaccine and Promote Anti-tumor Immunity. ACS Applied Materials & Interfaces, 2021, 13, 14015-14027.	8.0	35
26	From Design to Clinic: Engineered Nanobiomaterials for Immune Normalization Therapy of Cancer. Advanced Materials, 2021, 33, e2008094.	21.0	60
27	Oxygen-derived free radicals: Production, biological importance, bioimaging, and analytical detection with responsive luminescent nanoprobe. View, 2021, 2, 20200139.	5.3	13
28	Albumin-stabilized layered double hydroxide nanoparticles synergized combination chemotherapy for colorectal cancer treatment. Nanomedicine: Nanotechnology, Biology, and Medicine, 2021, 34, 102369.	3.3	21
29	Encapsulating Anti-Parasite Benzimidazole Drugs into Lipid-Coated Calcium Phosphate Nanoparticles to Efficiently Induce Skin Cancer Cell Apoptosis. Frontiers in Nanotechnology, 2021, 3, .	4.8	5
30	Heat/pH-boosted release of 5-fluorouracil and albumin-bound paclitaxel from Cu-doped layered double hydroxide nanomedicine for synergistical chemo-photo-therapy of breast cancer. Journal of Controlled Release, 2021, 335, 49-58.	9.9	37
31	Sheet-like clay nanoparticles deliver RNA into developing pollen to efficiently silence a target gene. Plant Physiology, 2021, 187, 886-899.	4.8	32
32	Cancer Immunotherapy: From Design to Clinic: Engineered Nanobiomaterials for Immune Normalization Therapy of Cancer (Adv. Mater. 30/2021). Advanced Materials, 2021, 33, 2170237.	21.0	4
33	Immunostimulatory photochemotherapeutic nanocapsule for enhanced colon cancer treatment. Nanophotonics, 2021, 10, 3321-3337.	6.0	6
34	Artificial cells for the treatment of liver diseases. Acta Biomaterialia, 2021, 130, 98-114.	8.3	7
35	Engineering Chameleon Prodrug Nanovesicles to Increase Antigen Presentation and Inhibit PD-L1 Expression for Circumventing Immune Resistance of Cancer. Advanced Materials, 2021, 33, e2102668.	21.0	36
36	Eco-friendly biomolecule-nanomaterial hybrids as next-generation agrochemicals for topical delivery. EcoMat, 2021, 3, e12132.	11.9	16

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37	Inhibiting corneal neovascularization by sustainably releasing anti-VEGF and anti-inflammation drugs from silica-thermogel nanohybrids. <i>Materials Science and Engineering C</i> , 2021, 128, 112274.	7.3	15
38	Development of manganese dioxide-based nanoprobe for fluorescence detection and imaging of glutathione. <i>New Journal of Chemistry</i> , 2021, 45, 12377-12383.	2.8	4
39	Vitamin E-facilitated carbon monoxide pro-drug nanomedicine for efficient light-responsive combination cancer therapy. <i>Biomaterials Science</i> , 2021, 9, 6086-6097.	5.4	17
40	Two-dimensional layered double hydroxide nanoadjuvant: recent progress and future direction. <i>Nanoscale</i> , 2021, 13, 7533-7549.	5.6	48
41	Influence of nanoparticles on the haemostatic balance: between thrombosis and haemorrhage. <i>Biomaterials Science</i> , 2021, 10, 10-50.	5.4	15
42	Enhanced Mucosal Transport of Polysaccharide- α -Calcium Phosphate Nanocomposites for Oral Vaccination. <i>ACS Applied Bio Materials</i> , 2021, 4, 7865-7878.	4.6	9
43	Biomimetic 2D layered double hydroxide nanocomposites for hyperthermia-facilitated homologous targeting cancer photo-chemotherapy. <i>Journal of Nanobiotechnology</i> , 2021, 19, 351.	9.1	12
44	2D Layered Double Hydroxide Nanoparticles: Recent Progress toward Preclinical/Clinical Nanomedicine. <i>Small Methods</i> , 2020, 4, 1900343.	8.6	100
45	Understanding of the high hydrothermal stability of a catalyst prepared from Mn slag for low-temperature selective catalytic reduction of NO. <i>Journal of Hazardous Materials</i> , 2020, 381, 120935.	12.4	12
46	Bisphosphonate Stabilized Calcium Phosphate Nanoparticles for Effective Delivery of Plasmid DNA to Macrophages. <i>ACS Applied Bio Materials</i> , 2020, 3, 986-996.	4.6	16
47	Recent advances in heparinization of polymeric membranes for enhanced continuous blood purification. <i>Journal of Materials Chemistry B</i> , 2020, 8, 878-894.	5.8	18
48	Responsive nanosensor for ratiometric luminescence detection of hydrogen sulfide in inflammatory cancer cells. <i>Analytica Chimica Acta</i> , 2020, 1103, 156-163.	5.4	31
49	A hydrogen peroxide activatable nanoprobe for light-controlled α -double-check α -multi-colour fluorescence imaging. <i>Nanoscale</i> , 2020, 12, 22527-22533.	5.6	15
50	Nanovaccine α 's rapid induction of anti-tumor immunity significantly improves malignant cancer immunotherapy. <i>Nano Today</i> , 2020, 35, 100923.	11.9	31
51	Enhanced Oral Vaccine Efficacy of Polysaccharide-Coated Calcium Phosphate Nanoparticles. <i>ACS Omega</i> , 2020, 5, 18185-18197.	3.5	35
52	Dual-target IL-12-containing nanoparticles enhance T cell functions for cancer immunotherapy. <i>Cellular Immunology</i> , 2020, 349, 104042.	3.0	38
53	Different Approaches to Develop Nanosensors for Diagnosis of Diseases. <i>Advanced Science</i> , 2020, 7, 2001476.	11.2	31
54	An artificial protein-probe hybrid as a responsive probe for ratiometric detection and imaging of hydrogen peroxide in cells. <i>Journal of Materials Chemistry B</i> , 2020, 8, 5420-5424.	5.8	14

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55	Nanostructuring a Widely Used Antiworm Drug into the Lipid-Coated Calcium Phosphate Matrix for Enhanced Skin Tumor Treatment. ACS Applied Bio Materials, 2020, 3, 4230-4238.	4.6	4
56	Engineering a Therapy-Induced -Immunogenic Cancer Cell Death-Amplifier to Boost Systemic Tumor Elimination. Advanced Functional Materials, 2020, 30, 1909745.	14.9	87
57	Charge Reversion Simultaneously Enhances Tumor Accumulation and Cell Uptake of Layered Double Hydroxide Nanohybrids for Effective Imaging and Therapy. Small, 2020, 16, e2002115.	10.0	49
58	Short-term exposure to ZnO/MCB persistent free radical particles causes mouse lung lesions via inflammatory reactions and apoptosis pathways. Environmental Pollution, 2020, 261, 114039.	7.5	15
59	Targeted Drug Delivery: 2D Layered Double Hydroxide Nanoparticles: Recent Progress toward Preclinical/Clinical Nanomedicine (Small Methods 2/2020). Small Methods, 2020, 4, 2070008.	8.6	4
60	Enhanced Prevention of Breast Tumor Metastasis by Nanoparticle-Delivered Vitamin E in Combination with Interferon- γ . Advanced Healthcare Materials, 2020, 9, e1901706.	7.6	23
61	Recent advances in the development of responsive probes for selective detection of cysteine. Coordination Chemistry Reviews, 2020, 408, 213182.	18.8	137
62	PD-L1 Distribution and Perspective for Cancer Immunotherapy-Blockade, Knockdown, or Inhibition. Frontiers in Immunology, 2019, 10, 2022.	4.8	270
63	Integrating Fluorinated Polymer and Manganese-Layered Double Hydroxide Nanoparticles as pH-activated ¹⁹ F MRI Agents for Specific and Sensitive Detection of Breast Cancer. Small, 2019, 15, e1902309.	10.0	49
64	Indoor CO ₂ Control through Mesoporous Amine-Functionalized Silica Monoliths. Industrial & Engineering Chemistry Research, 2019, 58, 19465-19474.	3.7	20
65	Investigating the Use of Layered Double Hydroxide Nanoparticles as Carriers of Metal Oxides for Theranostics of ROS-Related Diseases. ACS Applied Bio Materials, 2019, 2, 5930-5940.	4.6	38
66	Development of Multifunctional Clay-Based Nanomedicine for Elimination of Primary Invasive Breast Cancer and Prevention of Its Lung Metastasis and Distant Inoculation. ACS Applied Materials & Interfaces, 2019, 11, 35566-35576.	8.0	45
67	Enhancing PD-1 Gene Silence in T Lymphocytes by Comparing the Delivery Performance of Two Inorganic Nanoparticle Platforms. Nanomaterials, 2019, 9, 159.	4.1	31
68	Alkaline fermentation of waste activated sludge with calcium hydroxide to improve short-chain fatty acids production and extraction efficiency via layered double hydroxides. Bioresource Technology, 2019, 279, 117-123.	9.6	28
69	Potent and durable antibacterial activity of ZnO-dotted nanohybrids hydrothermally derived from ZnAl-layered double hydroxides. Colloids and Surfaces B: Biointerfaces, 2019, 181, 585-592.	5.0	20
70	Multifunctional lipid-coated calcium phosphate nanoplatfoms for complete inhibition of large triple negative breast cancer via targeted combined therapy. Biomaterials, 2019, 216, 119232.	11.4	27
71	Silencing PD-1 and PD-L1 with nanoparticle-delivered small interfering RNA increases cytotoxicity of tumor-infiltrating lymphocytes. Nanomedicine, 2019, 14, 955-967.	3.3	53
72	Nanoparticle-Based Nanomedicines to Promote Cancer Immunotherapy: Recent Advances and Future Directions. Small, 2019, 15, e1900262.	10.0	100

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73	Modifying layered double hydroxide nanoparticles for tumor imaging and therapy. <i>Clays and Clay Minerals</i> , 2019, 67, 72-80.	1.3	12
74	“Dual-Key-and-Lock” Ruthenium Complex Probe for Lysosomal Formaldehyde in Cancer Cells and Tumors. <i>Journal of the American Chemical Society</i> , 2019, 141, 8462-8472.	13.7	135
75	Insulin and epithelial growth factor (EGF) promote programmed death ligand 1(PD-L1) production and transport in colon cancer stem cells. <i>BMC Cancer</i> , 2019, 19, 153.	2.6	35
76	Clay Nanoparticles Facilitate Delivery of Antiviral RNA for Crop Protection. <i>Proceedings (mdpi)</i> , 2019, 36, 9.	0.2	0
77	Pretreating anaerobic fermentation liquid with calcium addition to improve short chain fatty acids extraction via in situ synthesis of layered double hydroxides. <i>Bioresource Technology</i> , 2019, 271, 190-195.	9.6	16
78	Enhanced combination cancer therapy using lipid-calcium carbonate/phosphate nanoparticles as a targeted delivery platform. <i>Nanomedicine</i> , 2019, 14, 77-92.	3.3	15
79	Iridium(III) Complex-Based Activatable Probe for Phosphorescent/Time-Gated Luminescent Sensing and Imaging of Cysteine in Mitochondria of Live Cells and Animals. <i>Chemistry - A European Journal</i> , 2019, 25, 1498-1506.	3.3	40
80	High and long-term antibacterial activity against <i>Escherichia coli</i> via synergy between the antibiotic penicillin G and its carrier ZnAl layered double hydroxide. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 174, 435-442.	5.0	40
81	Turn-On Fluorescence Probe for Nitric Oxide Detection and Bioimaging in Live Cells and Zebrafish. <i>ACS Sensors</i> , 2019, 4, 309-316.	7.8	56
82	Responsive Upconversion Nanoprobe for Background-Free Hypochlorous Acid Detection and Bioimaging. <i>Small</i> , 2019, 15, e1803712.	10.0	59
83	Nitrate removal from groundwater using negatively charged nanofiltration membrane. <i>Environmental Science and Pollution Research</i> , 2019, 26, 34197-34204.	5.3	19
84	Simultaneous release of polyphosphate and iron-phosphate from waste activated sludge by anaerobic fermentation combined with sulfate reduction. <i>Bioresource Technology</i> , 2019, 271, 182-189.	9.6	32
85	Enhanced delivery of siRNA to triple negative breast cancer cells <i>in vitro</i> and <i>in vivo</i> through functionalizing lipid-coated calcium phosphate nanoparticles with dual target ligands. <i>Nanoscale</i> , 2018, 10, 4258-4266.	5.6	64
86	Recent progress in upconversion luminescence nanomaterials for biomedical applications. <i>Journal of Materials Chemistry B</i> , 2018, 6, 192-209.	5.8	192
87	A review on fabricating heterostructures from layered double hydroxides for enhanced photocatalytic activities. <i>Catalysis Science and Technology</i> , 2018, 8, 1207-1228.	4.1	89
88	Optimization of Formulations Consisting of Layered Double Hydroxide Nanoparticles and Small Interfering RNA for Efficient Knockdown of the Target Gene. <i>ACS Omega</i> , 2018, 3, 4871-4877.	3.5	17
89	Performance of layered double hydroxides intercalated with acetate as biodenitrification carbon source: The effects of metal ions and particle size. <i>Bioresource Technology</i> , 2018, 259, 99-103.	9.6	18
90	Mannose-conjugated layered double hydroxide nanocomposite for targeted siRNA delivery to enhance cancer therapy. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 2355-2364.	3.3	52

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91	Layered double hydroxide nanoparticles: Impact on vascular cells, blood cells and the complement system. <i>Journal of Colloid and Interface Science</i> , 2018, 512, 404-410.	9.4	39
92	Nano- and micro-materials in the treatment of internal bleeding and uncontrolled hemorrhage. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 507-519.	3.3	37
93	High adjuvant activity of layered double hydroxide nanoparticles and nanosheets in anti-tumour vaccine formulations. <i>Dalton Transactions</i> , 2018, 47, 2956-2964.	3.3	34
94	Clay Nanoparticles Elicit Long-Term Immune Responses by Forming Biodegradable Depots for Sustained Antigen Stimulation. <i>Small</i> , 2018, 14, e1704465.	10.0	53
95	Clay nanoparticles co-deliver three antigens to promote potent immune responses against pathogenic <i>Escherichia coli</i> . <i>Journal of Controlled Release</i> , 2018, 292, 196-209.	9.9	24
96	Anionic Long-Circulating Quantum Dots for Long-Term Intravital Vascular Imaging. <i>Pharmaceutics</i> , 2018, 10, 244.	4.5	11
97	Brain Targeting Delivery Facilitated by Ligand-Functionalized Layered Double Hydroxide Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 20326-20333.	8.0	45
98	Novel theranostic nanoplatform for complete mice tumor elimination via MR imaging-guided acid-enhanced photothermo-/chemo-therapy. <i>Biomaterials</i> , 2018, 177, 40-51.	11.4	92
99	Novel iron oxide-cerium oxide core-shell nanoparticles as a potential theranostic material for ROS related inflammatory diseases. <i>Journal of Materials Chemistry B</i> , 2018, 6, 4937-4951.	5.8	67
100	Manipulating extracellular tumour pH: an effective target for cancer therapy. <i>RSC Advances</i> , 2018, 8, 22182-22192.	3.6	219
101	Activatable magnetic resonance nanosensor as a potential imaging agent for detecting and discriminating thrombosis. <i>Nanoscale</i> , 2018, 10, 15103-15115.	5.6	46
102	Efficient co-delivery of neo-epitopes using dispersion-stable layered double hydroxide nanoparticles for enhanced melanoma immunotherapy. <i>Biomaterials</i> , 2018, 174, 54-66.	11.4	86
103	Multifunctional Magnetized Porous Silica Covered with Poly(2-dimethylaminoethyl methacrylate) for pH Controllable Drug Release and Magnetic Resonance Imaging. <i>ACS Applied Nano Materials</i> , 2018, 1, 5027-5034.	5.0	23
104	X-ray fluorescence imaging of metals and metalloids in biological systems. <i>American Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 8, 169-188.	1.0	13
105	Controlling mesoporous silica-coating of layered double hydroxide nanoparticles for drug control release. <i>Microporous and Mesoporous Materials</i> , 2017, 238, 97-104.	4.4	18
106	Visualizing liver anatomy, physiology and pharmacology using multiphoton microscopy. <i>Journal of Biophotonics</i> , 2017, 10, 46-60.	2.3	31
107	Clay nanosheets for topical delivery of RNAi for sustained protection against plant viruses. <i>Nature Plants</i> , 2017, 3, 16207.	9.3	641
108	Increased PD-L1 expression in breast and colon cancer stem cells. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2017, 44, 602-604.	1.9	84

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109	Sustained Release of Brimonidine from a New Composite Drug Delivery System for Treatment of Glaucoma. ACS Applied Materials & Interfaces, 2017, 9, 7990-7999.	8.0	74
110	Manganese-Based Layered Double Hydroxide Nanoparticles as a T ₁ -MRI Contrast Agent with Ultrasensitive pH Response and High Relaxivity. Advanced Materials, 2017, 29, 1700373.	21.0	190
111	Shape-Controlled Hollow Mesoporous Silica Nanoparticles with Multifunctional Capping for In Vitro Cancer Treatment. Chemistry - A European Journal, 2017, 23, 10878-10885.	3.3	31
112	A Facile Way of Modifying Layered Double Hydroxide Nanoparticles with Targeting Ligand-Conjugated Albumin for Enhanced Delivery to Brain Tumour Cells. ACS Applied Materials & Interfaces, 2017, 9, 20444-20453.	8.0	45
113	Two-photon dual imaging platform for in vivo monitoring cellular oxidative stress in liver injury. Scientific Reports, 2017, 7, 45374.	3.3	35
114	Nanoformulations of albendazole as effective anticancer and antiparasite agents. Nanomedicine, 2017, 12, 2555-2574.	3.3	19
115	Effects of magnetic field strength and particle aggregation on relaxivity of ultra-small dual contrast iron oxide nanoparticles. Materials Research Express, 2017, 4, 116105.	1.6	38
116	Efficient induction of comprehensive immune responses to control pathogenic E. coli by clay nano-adjuvant with the moderate size and surface charge. Scientific Reports, 2017, 7, 13367.	3.3	23
117	Synergistic Effect between Surface Anhydride Group and Carbon-Metal Species during Catalytic Reduction of Nitric Oxide. Energy & Fuels, 2017, 31, 11258-11265.	5.1	8
118	MnAl Layered Double Hydroxide Nanoparticles as a Dual-Functional Platform for Magnetic Resonance Imaging and siRNA Delivery. Chemistry - A European Journal, 2017, 23, 14299-14306.	3.3	55
119	Devising new lipid-coated calcium phosphate/carbonate hybrid nanoparticles for controlled release in endosomes for efficient gene delivery. Journal of Materials Chemistry B, 2017, 5, 7194-7203.	5.8	34
120	Induction of virus resistance by exogenous application of double-stranded RNA. Current Opinion in Virology, 2017, 26, 49-55.	5.4	112
121	Visualization and Modeling of the In Vivo Distribution of Mesenchymal Stem Cells. Current Protocols in Stem Cell Biology, 2017, 43, 2B.8.1-2B.8.17.	3.0	3
122	Theoretical and Experimental Evidence for the Carbon-Oxygen Group Enhancement of NO Reduction. Environmental Science & Technology, 2017, 51, 14209-14216.	10.0	28
123	Membrane interactions and antimicrobial effects of layered double hydroxide nanoparticles. Physical Chemistry Chemical Physics, 2017, 19, 23832-23842.	2.8	26
124	Synergistic inhibition of colon cancer cell growth with nanoemulsion-loaded paclitaxel and PI3K/mTOR dual inhibitor BEZ235 through apoptosis. International Journal of Nanomedicine, 2016, 11, 1947.	6.7	28
125	Efficient and Durable Vaccine against Intimin $\hat{2}$ of Diarrheagenic <i>E. Coli</i> Induced by Clay Nanoparticles. Small, 2016, 12, 1627-1639.	10.0	57
126	A physiologically based kinetic model for elucidating the in vivo distribution of administered mesenchymal stem cells. Scientific Reports, 2016, 6, 22293.	3.3	23

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127	Nanotechnology promotes the R&D of new-generation micronutrient foliar fertilizers. RSC Advances, 2016, 6, 69465-69478.	3.6	23
128	Functional magnetic porous silica for T_1 and T_2 dual-modal magnetic resonance imaging and pH-responsive drug delivery of basic drugs. Nanotechnology, 2016, 27, 485702.	2.6	14
129	Direct synthesis of layered double hydroxide nanosheets for efficient siRNA delivery. RSC Advances, 2016, 6, 95518-95526.	3.6	21
130	Short- and Long-Term Tracking of Anionic Ultrasmall Nanoparticles in Kidney. ACS Nano, 2016, 10, 387-395.	14.6	95
131	Physiologically Based Pharmacokinetic Model for Long-Circulating Inorganic Nanoparticles. Nano Letters, 2016, 16, 939-945.	9.1	42
132	Efficient drug delivery using SiO ₂ -layered double hydroxide nanocomposites. Journal of Colloid and Interface Science, 2016, 470, 47-55.	9.4	66
133	PI3K/Akt/mTOR pathway dual inhibitor BEZ235 suppresses the stemness of colon cancer stem cells. Clinical and Experimental Pharmacology and Physiology, 2015, 42, 1317-1326.	1.9	76
134	Chelator-Free Labeling of Layered Double Hydroxide Nanoparticles for in Vivo PET Imaging. Scientific Reports, 2015, 5, 16930.	3.3	52
135	A new design of ionic complexation and its application for efficient protection of proteins. Polymer Chemistry, 2015, 6, 1688-1692.	3.9	0
136	Amine-functionalized SiO ₂ nanodot-coated layered double hydroxide nanocomposites for enhanced gene delivery. Nano Research, 2015, 8, 682-694.	10.4	79
137	In situ analysis of foliar zinc absorption and short-distance movement in fresh and hydrated leaves of tomato and citrus using synchrotron-based X-ray fluorescence microscopy. Annals of Botany, 2015, 115, 41-53.	2.9	34
138	Multi-step removal mechanism of pyrophosphate using CaFe-layered double hydroxide at high pH. Applied Clay Science, 2015, 105-106, 21-26.	5.2	9
139	Nanotechnology in the management of cervical cancer. Reviews in Medical Virology, 2015, 25, 72-83.	8.3	48
140	Preparation of optimized lipid-coated calcium phosphate nanoparticles for enhanced in vitro gene delivery to breast cancer cells. Journal of Materials Chemistry B, 2015, 3, 6805-6812.	5.8	77
141	Synchronous cyanide purification with metals removal in the co-treatment of Zn ²⁺ -CN and Ni electroplating wastewaters via the Ni ²⁺ -assisted precipitation of LDH. Separation and Purification Technology, 2015, 145, 92-97.	7.9	15
142	Pre-coating layered double hydroxide nanoparticles with albumin to improve colloidal stability and cellular uptake. Journal of Materials Chemistry B, 2015, 3, 3331-3339.	5.8	109
143	Real-time histology in liver disease using multiphoton microscopy with fluorescence lifetime imaging. Biomedical Optics Express, 2015, 6, 780.	2.9	42
144	Stabilization of layered double hydroxide nanoparticles by bovine serum albumin pre-coating for drug/gene delivery. Journal of Controlled Release, 2015, 213, e150-e151.	9.9	15

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145	Enhanced precipitation of cyanide from electroplating wastewater via self-assembly of bimetal cyanide complex. Separation and Purification Technology, 2015, 150, 179-185.	7.9	29
146	Zinc uptake and distribution in tomato plants in response to foliar supply of Zn hydroxide-nitrate nanocrystal suspension with controlled Zn solubility. Journal of Plant Nutrition and Soil Science, 2015, 178, 722-731.	1.9	7
147	Crosslinking to enhance colloidal stability and redispersity of layered double hydroxide nanoparticles. Journal of Colloid and Interface Science, 2015, 459, 10-16.	9.4	52
148	Monofunctional polymer nanoparticles prepared through intramolecularly cross-linking the polymer chains sparsely grafted on the surface of sacrificial silica spheres. Chemical Communications, 2015, 51, 1842-1845.	4.1	12
149	Diagnostic imaging and therapeutic application of nanoparticles targeting the liver. Journal of Materials Chemistry B, 2015, 3, 939-958.	5.8	126
150	Intravital Multiphoton Imaging of the Selective Uptake of Water-Dispersible Quantum Dots into Sinusoidal Liver Cells. Small, 2015, 11, 1711-1720.	10.0	37
151	Hierarchical layered double hydroxide nanocomposites: structure, synthesis and applications. Chemical Communications, 2015, 51, 3024-3036.	4.1	322
152	Particle size- and number-dependent delivery to cells by layered double hydroxide nanoparticles. Journal of Colloid and Interface Science, 2015, 437, 10-16.	9.4	28
153	Effective inhibition of colon cancer cell growth with MgAl-layered double hydroxide (LDH) loaded 5-FU and PI3K/mTOR dual inhibitor BEZ-235 through apoptotic pathways. International Journal of Nanomedicine, 2014, 9, 3403.	6.7	26
154	Influence of Hydrothermal Treatment on Physicochemical Properties and Drug Release of Anti-Inflammatory Drugs of Intercalated Layered Double Hydroxide Nanoparticles. Pharmaceutics, 2014, 6, 235-248.	4.5	29
155	Enhanced Cellular Delivery and Biocompatibility of a Small Layered Double Hydroxide-Liposome Composite System. Pharmaceutics, 2014, 6, 584-598.	4.5	14
156	Potential foliar fertilizers with copper and zinc dual micronutrients in nanocrystal suspension. Journal of Nanoparticle Research, 2014, 16, 1.	1.9	5
157	Potential for Layered Double Hydroxides-Based, Innovative Drug Delivery Systems. International Journal of Molecular Sciences, 2014, 15, 7409-7428.	4.1	94
158	Engineering small MgAl-layered double hydroxide nanoparticles for enhanced gene delivery. Applied Clay Science, 2014, 100, 66-75.	5.2	36
159	Polyethyleneimine-poly(ethylene glycol)-star-copolymers as efficient and biodegradable vectors for mammalian cell transfection. Journal of Biomedical Materials Research - Part A, 2014, 102, 2137-2146.	4.0	3
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