

List of Publications by Citations

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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.

90 papers	3,759 citations	37 h-index	59 g-index
100 ext. papers	4,467 ext. citations	7.8 avg, IF	5.62 L-index

#	Paper	IF	Citations
90	Upconverting near-infrared light through energy management in core-shell-shell nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 13419-23	16.4	282
89	Organocatalytic asymmetric synthesis of 1,1-diarylethanes by transfer hydrogenation. <i>Journal of the American Chemical Society</i> , 2015 , 137, 383-9	16.4	224
88	Complex bioactive alkaloid-type polycycles through efficient catalytic asymmetric multicomponent aza-Diels-Alder reaction of indoles with oxetane as directing group. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 2027-31	16.4	171
87	Two-photon-excited near-infrared emissive carbon dots as multifunctional agents for fluorescence imaging and photothermal therapy. <i>Nano Research</i> , 2017 , 10, 3113-3123	10	170
86	A core-shell-shell nanoplatform upconverting near-infrared light at 808 nm for luminescence imaging and photodynamic therapy of cancer. <i>Scientific Reports</i> , 2015 , 5, 10785	4.9	132
85	Self-Monitoring and Self-Delivery of Photosensitizer-Doped Nanoparticles for Highly Effective Combination Cancer Therapy in Vitro and in Vivo. <i>ACS Nano</i> , 2015 , 9, 9741-56	16.7	129
84	X-ray structure and mechanism of RNA polymerase II stalled at an antineoplastic monofunctional platinum-DNA adduct. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 9584-9	11.5	105
83	Poking cells for efficient vector-free intracellular delivery. <i>Nature Communications</i> , 2014 , 5, 4466	17.4	84
82	Tubulin assembly, taxoid site binding, and cellular effects of the microtubule-stabilizing agent dictyostatin. <i>Biochemistry</i> , 2005 , 44, 15053-63	3.2	84
81	A Platinum(IV) Anticancer Prodrug Targeting Nucleotide Excision Repair To Overcome Cisplatin Resistance. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 15564-15568	16.4	84
80	Chalcoptatin, a dual-targeting and p53 activator-containing anticancer platinum(IV) prodrug with unique mode of action. <i>Chemical Communications</i> , 2015 , 51, 6301-4	5.8	81
79	A Cisplatin-Loaded Immunochemotherapeutic Nanohybrid Bearing Immune Checkpoint Inhibitors for Enhanced Cervical Cancer Therapy. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 3426-3430	16.4	80
78	Pyrimidinone-peptoid hybrid molecules with distinct effects on molecular chaperone function and cell proliferation. <i>Bioorganic and Medicinal Chemistry</i> , 2008 , 16, 3291-301	3.4	74
77	Photoaffinity labeling reveals nuclear proteins that uniquely recognize cisplatin-DNA interstrand cross-links. <i>Biochemistry</i> , 2009 , 48, 4916-25	3.2	69
76	Emerging platinum(iv) prodrugs to combat cisplatin resistance: from isolated cancer cells to tumor microenvironment. <i>Dalton Transactions</i> , 2019 , 48, 2536-2544	4.3	67
75	Combined chemotherapy and photodynamic therapy using a nanohybrid based on layered double hydroxides to conquer cisplatin resistance. <i>Chemical Communications</i> , 2015 , 51, 11587-90	5.8	66
74	A General Strategy for Ligand Exchange on Upconversion Nanoparticles. <i>Inorganic Chemistry</i> , 2017 , 56, 872-877	5.1	62

73	Structure-activity and high-content imaging analyses of novel tubulysins. <i>Chemical Biology and Drug Design</i> , 2007 , 70, 75-86	2.9	60
72	Monofunctional platinum-DNA adducts are strong inhibitors of transcription and substrates for nucleotide excision repair in live mammalian cells. <i>Cancer Research</i> , 2012 , 72, 790-800	10.1	59
71	Layered double hydroxide nanostructures and nanocomposites for biomedical applications. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 5583-5601	7.3	58
70	Oleylamine-Mediated Synthesis of Small NaYbF ₄ Nanoparticles with Tunable Size. <i>Chemistry of Materials</i> , 2019 , 31, 4779-4786	9.6	57
69	Folic acid conjugated self-assembled layered double hydroxide nanoparticles for high-efficacy-targeted drug delivery. <i>Chemical Communications</i> , 2013 , 49, 10938-40	5.8	56
68	Size Controllable and Surface Tunable Zeolitic Imidazolate Framework-8-Poly(acrylic acid sodium salt) Nanocomposites for pH Responsive Drug Release and Enhanced in Vivo Cancer Treatment. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 32990-33000	9.5	54
67	Heterodinuclear Pt(IV)-Ru(II) anticancer prodrugs to combat both drug resistance and tumor metastasis. <i>Chemical Communications</i> , 2016 , 52, 10735-8	5.8	54
66	A Photocaged, Water-Oxidizing, and Nucleolus-Targeted Pt(IV) Complex with a Distinct Anticancer Mechanism. <i>Journal of the American Chemical Society</i> , 2020 , 142, 7803-7812	16.4	53
65	Multimodal Upconversion Nanoplatform with a Mitochondria-Targeted Property for Improved Photodynamic Therapy of Cancer Cells. <i>Inorganic Chemistry</i> , 2016 , 55, 3872-80	5.1	53
64	Nanocomposite-strengthened dissolving microneedles for improved transdermal delivery to human skin. <i>Advanced Healthcare Materials</i> , 2014 , 3, 555-64	10.1	46
63	Self-Assembly of Electron Donor-Acceptor-Based Carbazole Derivatives: Novel Fluorescent Organic Nanoprobes for Both One- and Two-Photon Cellular Imaging. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 11355-65	9.5	46
62	An upconversion nanoplatform for simultaneous photodynamic therapy and Pt chemotherapy to combat cisplatin resistance. <i>Dalton Transactions</i> , 2016 , 45, 13052-60	4.3	45
61	Upconverting Near-Infrared Light through Energy Management in Core-Shell Nanoparticles. <i>Angewandte Chemie</i> , 2013 , 125, 13661-13665	3.6	44
60	Recognition of platinum-DNA damage by poly(ADP-ribose) polymerase-1. <i>Biochemistry</i> , 2010 , 49, 6177-83	3.2	44
59	Synthesis and biological evaluation of (-)-16-normethyldictyostatin: a potent analogue of (-)-dictyostatin. <i>Organic Letters</i> , 2005 , 7, 2873-6	6.2	44
58	Phorbiplatin, a Highly Potent Pt(IV) Antitumor Prodrug That Can Be Controllably Activated by Red Light. <i>Chem</i> , 2019 , 5, 3151-3165	16.2	43
57	Monochalcoplatin: An Actively Transported, Quickly Reducible, and Highly Potent Pt Anticancer Prodrug. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 9098-9102	16.4	42
56	An upconversion nanoprobe operating in the first biological window. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 3548-3555	7.3	41

55	Role of endonucleases XPF and XPG in nucleotide excision repair of platinated DNA and cisplatin/oxaliplatin cytotoxicity. <i>ChemBioChem</i> , 2011 , 12, 1115-23	3.8	39
54	Synthesis and biological evaluation of purealin and analogues as cytoplasmic dynein heavy chain inhibitors. <i>Journal of Medicinal Chemistry</i> , 2006 , 49, 2063-76	8.3	39
53	A Cancer Cell-Selective and Low-Toxic Bifunctional Heterodinuclear Pt(IV)-Ru(II) Anticancer Prodrug. <i>Inorganic Chemistry</i> , 2018 , 57, 2917-2924	5.1	36
52	Improved polyvinylpyrrolidone microneedle arrays with non-stoichiometric cyclodextrin. <i>Journal of Materials Chemistry B</i> , 2014 , 2, 1699-1705	7.3	36
51	Multi-targeted organometallic ruthenium(II)-arene anticancer complexes bearing inhibitors of poly(ADP-ribose) polymerase-1: A strategy to improve cytotoxicity. <i>Journal of Inorganic Biochemistry</i> , 2014 , 131, 47-55	4.2	35
50	Upconversion in Nanostructured Materials: From Optical Tuning to Biomedical Applications. <i>Chemistry - an Asian Journal</i> , 2018 , 13, 373-385	4.5	34
49	A diamond nanoneedle array for potential high-throughput intracellular delivery. <i>Advanced Healthcare Materials</i> , 2013 , 2, 1103-7	10.1	33
48	Cytotoxic (salen)ruthenium(III) anticancer complexes exhibit different modes of cell death directed by axial ligands. <i>Chemical Science</i> , 2017 , 8, 6865-6870	9.4	33
47	Novel Pt-loaded layered double hydroxide nanoparticles for efficient and cancer-cell specific delivery of a cisplatin prodrug. <i>Journal of Materials Chemistry B</i> , 2014 , 2, 4868-4875	7.3	31
46	Facile Synthesis of Nitrogen-Rich Carbon Dots as Fertilizers for Mung Bean Sprouts. <i>Advanced Sustainable Systems</i> , 2019 , 3, 1800132	5.9	30
45	Chemoresistant lung cancer stem cells display high DNA repair capability to remove cisplatin-induced DNA damage. <i>British Journal of Pharmacology</i> , 2017 , 174, 302-313	8.6	28
44	High-content analysis of cancer-cell-specific apoptosis and inhibition of in vivo angiogenesis by synthetic (-)-pironetin and analogs. <i>Chemical Biology and Drug Design</i> , 2009 , 74, 358-68	2.9	28
43	Catalytic enantioselective synthesis of chiral tetraarylmethanes. <i>Nature Catalysis</i> , 2020 , 3, 1010-1019	36.5	25
42	Synthesis of Core/Shell ScF ₃ Nanoparticles for Thermal Enhancement of Upconversion. <i>Chemistry of Materials</i> , 2021 , 33, 158-163	9.6	24
41	Efficient co-delivery of a Pt(IV) prodrug and a p53 activator to enhance the anticancer activity of cisplatin. <i>Chemical Communications</i> , 2015 , 51, 7859-62	5.8	23
40	Visualizing inhibition of nucleosome mobility and transcription by cisplatin-DNA interstrand crosslinks in live mammalian cells. <i>Cancer Research</i> , 2013 , 73, 4451-60	10.1	22
39	Blue-Pumped Deep Ultraviolet Lasing from Lanthanide-Doped Lu ₆ O ₅ F ₈ Upconversion Nanocrystals. <i>Advanced Optical Materials</i> , 2020 , 8, 1900968	8.1	22
38	Firmly anchored photosensitizer Chlorin e6 to layered double hydroxide nanoflakes for highly efficient photodynamic therapy in vivo. <i>Chemical Communications</i> , 2017 , 53, 2339-2342	5.8	21

37	An upconversion nanoplatform with extracellular pH-driven tumor-targeting ability for improved photodynamic therapy. <i>Nanoscale</i> , 2018 , 10, 4432-4441	7.7	21
36	Recent advances in the synthesis, stability, and activation of platinum(IV) anticancer prodrugs. <i>Coordination Chemistry Reviews</i> , 2021 , 442, 213991	23.2	21
35	Mono- and di-bromo platinum(IV) prodrugs via oxidative bromination: synthesis, characterization, and cytotoxicity. <i>Dalton Transactions</i> , 2015 , 44, 19918-26	4.3	20
34	A Platinum(IV) Anticancer Prodrug Targeting Nucleotide Excision Repair To Overcome Cisplatin Resistance. <i>Angewandte Chemie</i> , 2016 , 128, 15793-15797	3.6	20
33	Diamond-Nanoneedle-Array-Facilitated Intracellular Delivery and the Potential Influence on Cell Physiology. <i>Advanced Healthcare Materials</i> , 2016 , 5, 1157-68	10.1	19
32	A Cisplatin-Loaded Immunochemotherapeutic Nanohybrid Bearing Immune Checkpoint Inhibitors for Enhanced Cervical Cancer Therapy. <i>Angewandte Chemie</i> , 2018 , 130, 3484-3488	3.6	15
31	Synthesis, Structure, and Cytotoxicity of Oxaliplatin-Based Platinum(IV) Anticancer Prodrugs Bearing One Axial Fluoride. <i>Inorganic Chemistry</i> , 2018 , 57, 8227-8235	5.1	15
30	A monofunctional platinum(II)-based anticancer agent from a salicylanilide derivative: Synthesis, antiproliferative activity, and transcription inhibition. <i>Journal of Inorganic Biochemistry</i> , 2015 , 142, 118-23	4.2	14
29	Dense diamond nanoneedle arrays for enhanced intracellular delivery of drug molecules to cell lines. <i>Journal of Materials Science</i> , 2015 , 50, 7800-7807	4.3	14
28	BODI-Pt, a Green-Light-Activatable and Carboplatin-Based Platinum(IV) Anticancer Prodrug with Enhanced Activation and Cytotoxicity. <i>Inorganic Chemistry</i> , 2020 , 59, 11823-11833	5.1	14
27	Graphitic Carbon Nanocubes Derived from ZIF-8 for Photothermal Therapy. <i>Inorganic Chemistry</i> , 2016 , 55, 5750-2	5.1	13
26	Synthesis and Cytotoxic Study of a Platinum(IV) Anticancer Prodrug with Selectivity toward Luteinizing Hormone-Releasing Hormone (LHRH) Receptor-Positive Cancer Cells. <i>Inorganic Chemistry</i> , 2019 , 58, 11076-11084	5.1	13
25	Investigation of the Subcellular Neurotoxicity of Amyloid- β Using a Device Integrating Microfluidic Perfusion and Chemotactic Guidance. <i>Advanced Healthcare Materials</i> , 2017 , 6, 1600895	10.1	11
24	Halogenated PtIV Complexes from N-Halosuccinimide Oxidation of PtII Antitumor Drugs: Synthesis, Mechanistic Investigation, and Cytotoxicity. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 1706-1712	7.2	11
23	New antiestrogens from a library screen of homoallylic amides, allylic amides, and C-cyclopropylalkylamides. <i>Bioorganic and Medicinal Chemistry</i> , 2005 , 13, 157-64	3.4	11
22	Synthesis, Cytotoxicity, and Mechanistic Investigation of Platinum(IV) Anticancer Complexes Conjugated with Poly(ADP-ribose) Polymerase Inhibitors. <i>Inorganic Chemistry</i> , 2019 , 58, 16279-16291	5.1	11
21	Monochalcoplatin: An Actively Transported, Quickly Reducible, and Highly Potent PtIV Anticancer Prodrug. <i>Angewandte Chemie</i> , 2018 , 130, 9236-9240	3.6	11
20	Electrotaxis of tumor-initiating cells of H1975 lung adenocarcinoma cells is associated with both activation of stretch-activated cation channels (SACCs) and internal calcium release. <i>Bioelectrochemistry</i> , 2018 , 124, 80-92	5.6	10

19	Characterization of inhibitors of glucocorticoid receptor nuclear translocation: a model of cytoplasmic dynein-mediated cargo transport. <i>Assay and Drug Development Technologies</i> , 2012 , 10, 46-60 ^{2.1}	10
18	An intramolecular photoswitch can significantly promote photoactivation of Pt(IV) prodrugs. <i>Chemical Science</i> , 2021 , 12, 6536-6542	9.4 10
17	Self-assembled Lipid Nanoparticles for Ratiometric Codelivery of Cisplatin and siRNA Targeting XPF to Combat Drug Resistance in Lung Cancer. <i>Chemistry - an Asian Journal</i> , 2019 , 14, 1570-1576	4.5 9
16	Stability, Reduction, and Cytotoxicity of Platinum(IV) Anticancer Prodrugs Bearing Carbamate Axial Ligands: Comparison with Their Carboxylate Analogues. <i>Inorganic Chemistry</i> , 2020 , 59, 11676-11687	5.1 9
15	Nanomaterial-mediated platinum drug-based combinatorial cancer therapy. <i>View</i> , 2021 , 2, 20200030	7.8 8
14	Platinated benzonaphthyrindione is a stronger inhibitor of poly(ADP-ribose) polymerase-1 and a more potent anticancer agent than is the parent inhibitor. <i>European Journal of Medicinal Chemistry</i> , 2014 , 71, 366-73	6.8 7
13	Plasmonic-doped melanin-mimic for CXCR4-targeted NIR-II photoacoustic computed tomography-guided photothermal ablation of orthotopic hepatocellular carcinoma. <i>Acta Biomaterialia</i> , 2021 , 129, 245-257	10.8 7
12	On the hydrolytic stability of unsymmetric platinum(IV) anticancer prodrugs containing axial halogens. <i>Inorganic Chemistry Frontiers</i> , 2021 , 8, 3794-3802	6.8 6
11	Platinum-containing heterometallic complexes in cancer therapy: advances and perspectives. <i>Inorganic Chemistry Frontiers</i> ,	6.8 5
10	Selectivity profile of afatinib for EGFR-mutated non-small-cell lung cancer. <i>Molecular BioSystems</i> , 2016 , 12, 1552-63	4
9	Organocatalytic Discrimination of Non-Directing Aryl and Heteroaryl Groups: Enantioselective Synthesis of Bioactive Indole-Containing Triarylmethanes. <i>Chemical Science</i> ,	9.4 4
8	Optimization of axial ligands to promote the photoactivation of BODIPY-conjugated platinum(IV) anticancer prodrugs. <i>Dalton Transactions</i> , 2021 , 50, 13737-13747	4.3 3
7	Vaccine Delivery: Nanocomposite-Strengthened Dissolving Microneedles for Improved Transdermal Delivery to Human Skin (Adv. Healthcare Mater. 4/2014). <i>Advanced Healthcare Materials</i> , 2014 , 3, 462-462 ^{10.1}	2
6	Intracellular Delivery: Diamond-Nanoneedle-Array-Facilitated Intracellular Delivery and the Potential Influence on Cell Physiology (Adv. Healthcare Mater. 10/2016). <i>Advanced Healthcare Materials</i> , 2016 , 5, 1116	10.1 2
5	An erythrocyte-delivered photoactivatable oxaliplatin nanoprodug for enhanced antitumor efficacy and immune response. <i>Chemical Science</i> , 2021 , 12, 14353-14362	9.4 1
4	DNA Damage Repair Pathways and Repair of Cisplatin-Induced DNA Damage 2018 ,	1
3	A platinum-based fluorescent "turn on" sensor to decipher the reduction of platinum(IV) prodrugs.. <i>Dalton Transactions</i> , 2022 ,	4.3 1
2	Mineral Hydrogel from Inorganic Salts: Biocompatible Synthesis, All-in-One Charge Storage, and Possible Implications in the Origin of Life. <i>Advanced Functional Materials</i> , 2022 , 32, 2109302	15.6 1

1	Extracellular Vesicles for the Diagnosis of Cancers. <i>Small Structures</i> ,2100096	8.7	o
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