

# Stimuli-Responsive Therapeutic Metallodrugs

Chemical Reviews

119, 1138-1192

DOI: [10.1021/acs.chemrev.8b00209](https://doi.org/10.1021/acs.chemrev.8b00209)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Platinum(IV) dihydroxido diazido N-(heterocyclic)imine complexes are potently photocytotoxic when irradiated with visible light. <i>Chemical Science</i> , 2019, 10, 8610-8617.	3.7	25
2	A Nanobody-Conjugated DNA Nanoplatfom for Targeted Platinum-Drug Delivery. <i>Angewandte Chemie</i> , 2019, 131, 14362-14366.	1.6	21
3	Melanin-dot-mediated delivery of metallacycle for NIR-II/photoacoustic dual-modal imaging-guided chemo-photothermal synergistic therapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 16729-16735.	3.3	141
4	A Nanobody-Conjugated DNA Nanoplatfom for Targeted Platinum-Drug Delivery. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 14224-14228.	7.2	135
5	Unconventional Anticancer Metallodrugs and Strategies to Improve Their Pharmacological Profile. <i>Inorganics</i> , 2019, 7, 88.	1.2	7
6	Functionalization and cancer-targeting design of ruthenium complexes for precise cancer therapy. <i>Chemical Communications</i> , 2019, 55, 9904-9914.	2.2	100
7	Hydroxyquinoline-derived anticancer organometallics: Introduction of amphiphilic PTA as an ancillary ligand increases their aqueous solubility. <i>Journal of Inorganic Biochemistry</i> , 2019, 199, 110768.	1.5	33
8	Visible light-induced cytotoxicity studies on Co(II) complexes having an anthracene-based curcuminoid ligand. <i>Dalton Transactions</i> , 2019, 48, 12933-12942.	1.6	18
9	Recent Advances on Stimuli-Responsive Smart Materials and their Applications. <i>ChemPlusChem</i> , 2019, 84, 1103-1121.	1.3	97
10	Diplatinum(II) Catecholate of Photoactive Boron-Dipyrromethene for Lysosome-Targeted Photodynamic Therapy in Red Light. <i>Inorganic Chemistry</i> , 2019, 58, 9067-9075.	1.9	38
11	Enhanced Copper-Temozolomide Interactions by Protein for Chemotherapy against Glioblastoma Multiforme. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 41935-41945.	4.0	16
12	Half-Sandwich Ruthenium (II) complexes with triphenylamine modified dipyrindine skeleton and application in biology/luminescence imaging. <i>Applied Organometallic Chemistry</i> , 2019, 33, e5171.	1.7	10
13	On-Demand Biodegradable Boron Nitride Nanoparticles for Treating Triple Negative Breast Cancer with Boron Neutron Capture Therapy. <i>ACS Nano</i> , 2019, 13, 13843-13852.	7.3	68
14	ATP7B Binds Ruthenium(II) $\eta^5$ -Cymene Half-Sandwich Complexes: Role of Steric Hindrance and Ru(I) Coordination in Rescuing the Sequestration. <i>Inorganic Chemistry</i> , 2019, 58, 15659-15670.	1.9	18
15	I-Motif-Based in Situ Bipedal Hybridization Chain Reaction for Specific Activatable Imaging and Enhanced Delivery of Antisense Oligonucleotides. <i>Analytical Chemistry</i> , 2019, 91, 12538-12545.	3.2	19
16	Enhancing Cytotoxicity of a Monofunctional Platinum Complex via a Dual-DNA-Damage Approach. <i>Inorganic Chemistry</i> , 2019, 58, 13150-13160.	1.9	26
17	Bacterial Biofilm Bioinspired Persistent Luminescence Nanoparticles with Gut-Oriented Drug Delivery for Colorectal Cancer Imaging and Chemotherapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 36409-36419.	4.0	38
18	Ferrocene-Appended Iridium(III) Complexes: Configuration Regulation, Anticancer Application, and Mechanism Research. <i>Inorganic Chemistry</i> , 2019, 58, 14175-14184.	1.9	43

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19	Strong in vitro and vivo cytotoxicity of novel organoplatinum(II) complexes with quinoline-coumarin derivatives. <i>European Journal of Medicinal Chemistry</i> , 2019, 184, 111751.	2.6	54
20	Mitochondrion-targeted platinum complexes suppressing lung cancer through multiple pathways involving energy metabolism. <i>Chemical Science</i> , 2019, 10, 3089-3095.	3.7	119
21	A Pt(IV) prodrug of kateplatin with the bone-targeting pyrophosphate ligand. <i>Inorganica Chimica Acta</i> , 2019, 494, 98-104.	1.2	6
22	Diazido platinum(IV) complexes for photoactivated anticancer chemotherapy. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 1623-1638.	3.0	84
23	Enhanced Tumor Penetration and Chemotherapy Efficiency by Covalent Self-Assembled Nanomicelle Responsive to Tumor Microenvironment. <i>Biomacromolecules</i> , 2019, 20, 2637-2648.	2.6	19
24	Simultaneous and Reversible Triggering of the Phase Transfer and Luminescence Change of Amidine-Modified Carbon Dots by CO <sub>2</sub> . <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 22851-22857.	4.0	7
25	New platinum(II)-based DNA intercalator: Synthesis, characterization and anticancer activity. <i>Inorganic Chemistry Communication</i> , 2019, 105, 182-187.	1.8	8
26	Cu <sup>II</sup> and Au <sup>III</sup> Complexes with Glycoconjugated Dithiocarbamate Ligands for Potential Applications in Targeted Chemotherapy. <i>ChemMedChem</i> , 2019, 14, 1162-1172.	1.6	17
27	1,2,4-Triazole-quinoline/quinolone hybrids as potential anti-bacterial agents. <i>European Journal of Medicinal Chemistry</i> , 2019, 174, 1-8.	2.6	87
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29	An organoruthenium complex overcomes ABCG2-mediated multidrug resistance <i>via</i> multiple mechanisms. <i>Chemical Communications</i> , 2019, 55, 3833-3836.	2.2	11
30	Lysosome-Targeted Phosphine-Imine Half-Sandwich Iridium(III) Anticancer Complexes: Synthesis, Characterization, and Biological Activity. <i>Organometallics</i> , 2019, 38, 1761-1769.	1.1	34
31	Cyclodextrin-based polymer materials: From controlled synthesis to applications. <i>Progress in Polymer Science</i> , 2019, 93, 1-35.	11.8	88
32	Synthesis and Anticancer Activity of [RuCl <sub>2</sub> ( $\eta^6$ -arene)(aroylthiourea)] Complexes—High Activity against the Human Neuroblastoma (IMR-32) Cancer Cell Line. <i>ACS Omega</i> , 2019, 4, 6245-6256.	1.6	52
33	A mitochondria-targeting dinuclear Ir <sup>II</sup> -Ru complex as a synergistic photoactivated chemotherapy and photodynamic therapy agent against cisplatin-resistant tumour cells. <i>Chemical Communications</i> , 2019, 55, 12547-12550.	2.2	49
34	Synthesis, characterisation and influence of lipophilicity on cellular accumulation and cytotoxicity of unconventional platinum(IV) prodrugs as potent anticancer agents. <i>Dalton Transactions</i> , 2019, 48, 17228-17240.	1.6	30
35	Magnetic Nanoparticles Supporting Bio-responsive T1/T2 Magnetic Resonance Imaging. <i>Materials</i> , 2019, 12, 4096.	1.3	19
36	Thermoresponsive drug delivery to mitochondria <i>in vivo</i> . <i>Chemical Communications</i> , 2019, 55, 14645-14648.	2.2	24

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37	Classification of Metal-Based Drugs according to Their Mechanisms of Action. <i>CheM</i> , 2020, 6, 41-60.	5.8	231
38	Strategies for conjugating iridium(III) anticancer complexes to targeting peptides via copper-free click chemistry. <i>Inorganica Chimica Acta</i> , 2020, 503, 119396.	1.2	13
39	Design, synthesis and biological evaluation of naphthalenebenzimidazole platinum (II) complexes as potential antitumor agents. <i>European Journal of Medicinal Chemistry</i> , 2020, 188, 112033.	2.6	15
40	Light-induced disruption of an acyl hydrazone link as a novel strategy for drug release and activation: isoniazid as a proof-of-concept case. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 859-870.	3.0	12
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42	Cascaded Multiresponsive Self-Assembled <sup>19</sup> F MRI Nanoprobes with Redox-Triggered Activation and NIR-Induced Amplification. <i>Nano Letters</i> , 2020, 20, 363-371.	4.5	50
43	Rational design of anticancer platinum(IV) prodrugs. <i>Advances in Inorganic Chemistry</i> , 2020, 75, 149-182.	0.4	16
44	Nitric oxide-releasing platinum(IV) prodrug efficiently inhibits proliferation and metastasis of cancer cells. <i>Chemical Communications</i> , 2020, 56, 14051-14054.	2.2	15
45	Mechanistic studies of <i>in vitro</i> anti-proliferative and anti-inflammatory activities of the Zn(II)â€“NSAID complexes of 1,10-phenanthroline-5,6-dione in MDA-MB-231 cells. <i>Dalton Transactions</i> , 2020, 49, 11375-11384.	1.6	24
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47	Potential therapeutic approaches for a sleeping pathogen: tuberculosis a case for bioinorganic chemistry. <i>Journal of Biological Inorganic Chemistry</i> , 2020, 25, 685-704.	1.1	6
48	Multipleâ€“Color Platinum Complex with Superâ€“Large Stokes Shift for Superâ€“Resolution Imaging of Autolysosome Escape. <i>Angewandte Chemie</i> , 2020, 132, 19391-19398.	1.6	14
49	Multipleâ€“Color Platinum Complex with Superâ€“Large Stokes Shift for Superâ€“Resolution Imaging of Autolysosome Escape. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 19229-19236.	7.2	59
50	Photoactivatable Platinum-Based Anticancer Drugs: Mode of Photoactivation and Mechanism of Action. <i>Molecules</i> , 2020, 25, 5167.	1.7	29
51	<i>In situ</i> tumor-triggered subcellular precise delivery of multi-drugs for enhanced chemo-photothermal-starvation combination antitumor therapy. <i>Theranostics</i> , 2020, 10, 12158-12173.	4.6	12
52	Fatty acid-like Pt(IV) prodrugs overcome cisplatin resistance in ovarian cancer by harnessing CD36. <i>Chemical Communications</i> , 2020, 56, 10706-10709.	2.2	26
53	A Gallium(III) Complex that Engages Protein Disulfide Isomerase A3 (PDIA3) as an Anticancer Target. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 20147-20153.	7.2	32
54	Reactive Oxygen Species-Responsive Adaptable Self-Assembly of Peptides toward Advanced Biomaterials. <i>ACS Applied Bio Materials</i> , 2020, 3, 5529-5551.	2.3	21

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55	A Short-Lived but Highly Cytotoxic Vanadium(V) Complex as a Potential Drug Lead for Brain Cancer Treatment by Intratumoral Injections. <i>Angewandte Chemie</i> , 2020, 132, 15968-15972.	1.6	8
56	External-Radiation-Induced Local Hydroxylation Enables Remote Release of Functional Molecules in Tumors. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 21546-21552.	7.2	34
57	A Mitochondrion-Localized Two-Photon Photosensitizer Generating Carbon Radicals Against Hypoxic Tumors. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 20697-20703.	7.2	99
58	A Mitochondrion-Localized Two-Photon Photosensitizer Generating Carbon Radicals Against Hypoxic Tumors. <i>Angewandte Chemie</i> , 2020, 132, 20878-20884.	1.6	16
59	External-Radiation-Induced Local Hydroxylation Enables Remote Release of Functional Molecules in Tumors. <i>Angewandte Chemie</i> , 2020, 132, 21730-21736.	1.6	8
60	Synthesis and Antitumor Activity Evaluation of Cyclometalated <i>2H-Indazole Ruthenium(II) and Iridium(III) Complexes</i> . <i>ChemPlusChem</i> , 2020, 85, 1800-1812.	1.3	15
61	Synthesis, Characterization, and Biological Evaluation of the Polymeric Encapsulation of a Ruthenium(II) Polypyridine Complex with Pluronic F127/Poloxamer407 for Photodynamic Therapy Applications. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 3242-3248.	1.0	12
62	Preparation and the anticancer mechanism of configuration-controlled Fe(II)-Ir(III) heteronuclear metal complexes. <i>Dalton Transactions</i> , 2020, 49, 12599-12609.	1.6	14
63	Advances in alkynyl gold complexes for use as potential anticancer agents. <i>Coordination Chemistry Reviews</i> , 2020, 423, 213492.	9.5	51
64	Ru(II)/diclofenac-based complexes: DNA, BSA interaction and their anticancer evaluation against lung and breast tumor cells. <i>Dalton Transactions</i> , 2020, 49, 12643-12652.	1.6	26
65	A Mimosa-Inspired Cell-Surface-Anchored Ratiometric DNA Nanosensor for High-Resolution and Sensitive Response of Target Tumor Extracellular pH. <i>Analytical Chemistry</i> , 2020, 92, 15104-15111.	3.2	24
66	DNA and BSA binding study of an optically pure rosin derivative and its two copper(II) complexes. <i>Journal of Coordination Chemistry</i> , 2020, 73, 2632-2644.	0.8	4
67	Visible-to-NIR-Light Activated Release: From Small Molecules to Nanomaterials. <i>Chemical Reviews</i> , 2020, 120, 13135-13272.	23.0	296
68	Precisely Assembled Nanoparticles against Cisplatin Resistance via Cancer-Specific Targeting of Mitochondria and Imaging-Guided Chemo-Photothermal Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 43444-43455.	4.0	33
69	A Gallium(III) Complex that Engages Protein Disulfide Isomerase A3 (PDIA3) as an Anticancer Target. <i>Angewandte Chemie</i> , 2020, 132, 20322-20328.	1.6	1
70	Multifunctional nano-enabled delivery systems in Alzheimer's disease management. <i>Biomaterials Science</i> , 2020, 8, 5538-5554.	2.6	14
71	Smart Microenvironment-Responsive Organocopper(II) Supramolecular Polymers to Regulate the Stability and Anticancer Efficacy by Different Substituents. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 40013-40020.	4.0	8
72	Multispecific Platinum(IV) Complex Deters Breast Cancer via Interposing Inflammation and Immunosuppression as an Inhibitor of COX-2 and PD-1. <i>Angewandte Chemie</i> , 2020, 132, 23513-23521.	1.6	18

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73	Multispecific Platinum(IV) Complex Deters Breast Cancer via Interposing Inflammation and Immunosuppression as an Inhibitor of COXâ€² and PDâ€¹. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 23313-23321.	7.2	94
74	Two-photon photodynamic ablation of tumour cells using an RGD peptide-conjugated ruthenium(ii) photosensitiser. <i>Chemical Communications</i> , 2020, 56, 12542-12545.	2.2	21
75	Multiaction Platinum(IV) Prodrug Containing Thymidylate Synthase Inhibitor and Metabolic Modifier against Triple-Negative Breast Cancer. <i>Inorganic Chemistry</i> , 2020, 59, 12632-12642.	1.9	23
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78	Cationic carboxylate and thioacetate ruthenium(<sc>ii</sc>) complexes: synthesis and cytotoxic activity against anaplastic thyroid cancer cells. <i>Dalton Transactions</i> , 2020, 49, 8375-8388.	1.6	7
79	Near-infrared photocontrolled therapeutic release via upconversion nanocomposites. <i>Journal of Controlled Release</i> , 2020, 324, 104-123.	4.8	28
80	Engineering liposomal nanoparticles of cholesterol-tethered amphiphilic Pt(<sc>iv</sc>) prodrugs with prolonged circulation time in blood. <i>Dalton Transactions</i> , 2020, 49, 8107-8113.	1.6	10
81	Microenvironment-sensitive iridium(<sc>iii</sc>) complexes for disease theranostics. <i>Dalton Transactions</i> , 2020, 49, 9182-9190.	1.6	9
82	Necroptosis Induced by Ruthenium(II) Complexes as Dual Catalytic Inhibitors of Topoisomerase I/II. <i>Angewandte Chemie</i> , 2020, 132, 16774.	1.6	4
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84	CAIXplatins: Highly Potent Platinum(IV) Prodrugs Selective Against Carbonic Anhydraseâ€IX for the Treatment of Hypoxic Tumors. <i>Angewandte Chemie</i> , 2020, 132, 18715-18721.	1.6	16
85	Pharmacophore conjugation strategy for multi-targeting metal-based anticancer complexes. <i>Advances in Inorganic Chemistry</i> , 2020, , 257-285.	0.4	3
86	Necroptosis Induced by Ruthenium(II) Complexes as Dual Catalytic Inhibitors of Topoisomerase I/II. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 16631-16637.	7.2	47
87	Interfering in apoptosis and DNA repair of cancer cells to conquer cisplatin resistance by platinum(<sc>iv</sc>) prodrugs. <i>Chemical Science</i> , 2020, 11, 3829-3835.	3.7	58
88	Unexplored features of Ru(<sc>ii</sc>) polypyridyl complexes â€ towards combined cytotoxic and antimetastatic activity. <i>Metallomics</i> , 2020, 12, 784-793.	1.0	19
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90	Cisplatin binds to the MDM2 RING finger domain and inhibits the ubiquitination activity. <i>Chemical Communications</i> , 2020, 56, 4599-4602.	2.2	8

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92	Recent advances in platinum-based chemotherapeutics that exhibit inhibitory and targeted mechanisms of action. <i>Journal of Inorganic Biochemistry</i> , 2020, 207, 111070.	1.5	61
93	Imaging and therapeutic applications of Zn(II)-cryptolepine-curcumin molecular probes in cell apoptosis detection and photodynamic therapy. <i>Chemical Communications</i> , 2020, 56, 3999-4002.	2.2	44
94	A Short-lived but Highly Cytotoxic Vanadium(V) Complex as a Potential Drug Lead for Brain Cancer Treatment by Intratumoral Injections. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 15834-15838.	7.2	46
95	Nanotechnologies for enhancing cancer immunotherapy. <i>Nano Research</i> , 2020, 13, 2595-2616.	5.8	22
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97	Inorganic nano-carriers based smart drug delivery systems for tumor therapy. <i>Smart Materials in Medicine</i> , 2020, 1, 32-47.	3.7	163
98	Zwitterionic Ru(III) Complexes: Stability of Metal-Ligand Bond and Host-Guest Binding with Cucurbit[7]uril. <i>Inorganic Chemistry</i> , 2020, 59, 10185-10196.	1.9	5
99	Novel NHC-coordinated ruthenium(II) arene complexes achieve synergistic efficacy as safe and effective anticancer therapeutics. <i>European Journal of Medicinal Chemistry</i> , 2020, 203, 112605.	2.6	38
100	Ruthenium and iridium based mononuclear and multinuclear complexes: A Breakthrough of Next-Generation anticancer metallopharmaceuticals. <i>Inorganica Chimica Acta</i> , 2020, 512, 119858.	1.2	19
101	Combination of Ruthenium Complex and Doxorubicin Synergistically Inhibits Cancer Cell Growth by Down-Regulating PI3K/AKT Signaling Pathway. <i>Frontiers in Oncology</i> , 2020, 10, 141.	1.3	18
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103	Bioconjugates of Co(III) complexes with Schiff base ligands and cell penetrating peptides: Solid phase synthesis, characterization and antiproliferative activity. <i>Journal of Inorganic Biochemistry</i> , 2020, 206, 111041.	1.5	24
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105	pH-Sensitive nanoscale materials as robust drug delivery systems for cancer therapy. <i>Chinese Chemical Letters</i> , 2020, 31, 1345-1356.	4.8	124
106	Tumor-targeted supramolecular catalytic nanoreactor for synergistic chemo/chemodynamic therapy via oxidative stress amplification and cascaded Fenton reaction. <i>Chemical Engineering Journal</i> , 2020, 390, 124628.	6.6	77
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108	Crystal structure, DNA interaction and <i>in vitro</i> anticancer activity of Cu(II) and Pt(II) compounds based on benzimidazole-quinoline derivative. <i>Polyhedron</i> , 2020, 179, 114369.	1.0	11

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109	Protein binding studies with human serum albumin, molecular docking and <i>in vitro</i> cytotoxicity studies using HeLa cervical carcinoma cells of Cu(II)/Zn(II) complexes containing a carbohydrazone ligand. Dalton Transactions, 2020, 49, 2947-2965.	1.6	33
110	A Multi-action and Multi-target Ru(II)-Pt(IV) Conjugate Combining Cancer-Activated Chemotherapy and Photodynamic Therapy to Overcome Drug Resistant Cancers. Angewandte Chemie - International Edition, 2020, 59, 7069-7075.	7.2	172
111	Cyclometalated Gold(III)-Hydride Complexes Exhibit Visible Light-Induced Thiol Reactivity and Act as Potent Photo-Activated Anti-Cancer Agents. Angewandte Chemie, 2020, 132, 11139-11145.	1.6	14
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121	Bioorthogonal Activation of Dual Catalytic and Anti-Cancer Activities of Organogold(I) Complexes in Living Systems. Angewandte Chemie, 2021, 133, 4179-4187.	1.6	9
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125	An ER-Targeting Iridium(III) Complex That Induces Immunogenic Cell Death in Non-Small-Cell Lung Cancer. Angewandte Chemie, 2021, 133, 4707-4715.	1.6	28
126	An ER-Targeting Iridium(III) Complex That Induces Immunogenic Cell Death in Non-Small-Cell Lung Cancer. Angewandte Chemie - International Edition, 2021, 60, 4657-4665.	7.2	144



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127	Pt(II) and Au(III) complexes containing Schiff-base ligands: A promising source for antitumor treatment. <i>European Journal of Medicinal Chemistry</i> , 2021, 211, 113098.	2.6	59
128	BODIPY-linked cis-dichlorido zinc(ii) conjugates: the strategic design of organelle-specific next-generation theranostic photosensitizers. <i>Dalton Transactions</i> , 2021, 50, 103-115.	1.6	9
129	Responsive hyaluronic acid-gold cluster hybrid nanogel theranostic systems. <i>Biomaterials Science</i> , 2021, 9, 1363-1373.	2.6	19
130	Supramolecular coordination complexes as diagnostic and therapeutic agents. <i>Current Opinion in Chemical Biology</i> , 2021, 61, 19-31.	2.8	24
131	A novel Schiff base cobalt(III) complex induces a synergistic effect on cervical cancer cells by arresting early apoptosis stage. <i>BioMetals</i> , 2021, 34, 277-289.	1.8	4
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