Shuo Shi

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	The novel STAT3 inhibitor WZ-2-033 causes regression of human triple-negative breast cancer and gastric cancer xenografts. Acta Pharmacologica Sinica, 2022, 43, 1013-1023.	6.1	12
2	Biodegradable oxygen-producing manganese-chelated metal organic frameworks for tumor-targeted synergistic chemo/photothermal/ photodynamic therapy. Acta Biomaterialia, 2022, 138, 463-477.	8.3	38
3	Nucleic Acid Architectonics for pH-Responsive DNA Systems and Devices. ACS Omega, 2022, 7, 3167-3176.	3.5	13
4	Dual-Responsive and ROS-Augmented Nanoplatform for Chemo/Photodynamic/Chemodynamic Combination Therapy of Triple Negative Breast Cancer. ACS Applied Materials & Interfaces, 2022, 14, 57-68.	8.0	32
5	Carbonic anhydrase IX-targeted H-APBC nanosystem combined with phototherapy facilitates the efficacy of PI3K/mTOR inhibitor and resists HIF-11±-dependent tumor hypoxia adaptation. Journal of Nanobiotechnology, 2022, 20, 187.	9.1	12
6	The Mechanisms of IncRNA-Mediated Multidrug Resistance and the Clinical Application Prospects of IncRNAs in Breast Cancer. Cancers, 2022, 14, 2101.	3.7	11
7	Treatment of triple negative breast cancer by near infrared light triggered mild-temperature photothermal therapy combined with oxygen-independent cytotoxic free radicals. Acta Biomaterialia, 2022, 148, 218-229.	8.3	18
8	A Fe(III)-porphyrin-oxaliplatin(IV) nanoplatform for enhanced ferroptosis and combined therapy. Journal of Controlled Release, 2022, 348, 660-671.	9.9	32
9	A PDA-DTC/Cu–MnO2 nanoplatform for MR imaging and multi-therapy for triple-negative breast cancer treatment. Chemical Communications, 2021, 57, 4158-4161.	4.1	14
10	An artificial intelligence process of immunoassay for multiple biomarkers based on logic gates. Analyst, The, 2021, 146, 889-895.	3.5	2
11	M2â€Like TAMs Function Reversal Contributes to Breast Cancer Eradication by Combination Dual Immune Checkpoint Blockade and Photothermal Therapy. Small, 2021, 17, e2007051.	10.0	34
12	Antiâ€Tumor Nanoplatforms: M2â€Like TAMs Function Reversal Contributes to Breast Cancer Eradication by Combination Dual Immune Checkpoint Blockade and Photothermal Therapy (Small 13/2021). Small, 2021, 17, 2170059.	10.0	1
13	Nanoparticleâ€Mediated siRNA Delivery and Multifunctional Modification Strategies for Effective Cancer Therapy. Advanced Materials Technologies, 2021, 6, 2001236.	5.8	13
14	Exploiting a New Approach to Destroy the Barrier of Tumor Microenvironment: Nano-Architecture Delivery Systems. Molecules, 2021, 26, 2703.	3.8	12
15	A self-amplified nanocatalytic system for achieving "1 + 1 + 1 > 3―chemody negative breast cancer. Journal of Nanobiotechnology, 2021, 19, 261.	namic ther	apy on triple
16	Metalâ€Polyphenolâ€Network Coated Prussian Blue Nanoparticles for Synergistic Ferroptosis and Apoptosis via Triggered GPX4 Inhibition and Concurrent In Situ Bleomycin Toxification. Small, 2021, 17, e2103919.	10.0	41
17	Dynamic-Inspired Perspective on the Molecular Inhibitor of Tau Aggregation by Glucose Gallates Based on Human Neurons. ACS Chemical Neuroscience, 2021, 12, 4162-4174.	3.5	6
18	Post-synthesis strategy to integrate porphyrinic metal–organic frameworks with CuS NPs for synergistic enhanced photo-therapy. Journal of Materials Chemistry B, 2020, 8, 935-944.	5.8	29

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19	A Ru ^{II} Polypyridyl Alkyne Complex Based Metal–Organic Frameworks for Combined Photodynamic/Photothermal/Chemotherapy. Chemistry - A European Journal, 2020, 26, 1668-1675.	3.3	29
20	A multifunctional SN38-conjugated nanosystem for defeating myelosuppression and diarrhea induced by irinotecan in esophageal cancer. Nanoscale, 2020, 12, 21234-21247.	5.6	13
21	New Strategy for Reducing Tau Aggregation Cytologically by A Hairpinlike Molecular Inhibitor, Tannic Acid Encapsulated in Liposome. ACS Chemical Neuroscience, 2020, 11, 3623-3634.	3.5	14
22	Glucose Oxidaseâ€Related Cancer Therapies. Advanced Therapeutics, 2020, 3, 2000110.	3.2	42
23	Cytokine-induced killer cells-assisted tumor-targeting delivery of Her-2 monoclonal antibody-conjugated gold nanostars with NIR photosensitizer for enhanced therapy of cancer. Journal of Materials Chemistry B, 2020, 8, 8368-8382.	5.8	29
24	Hepatoprotective Angelica sinensis silver nanoformulation against multidrug resistant bacteria and the integration of a multicomponent logic gate system. Nanoscale, 2020, 12, 19149-19158.	5.6	2
25	[Ru(phen) ₂ podppz] ²⁺ significantly inhibits glioblastoma growth <i>in vitro</i> and <i>vivo</i> with fewer side-effects than cisplatin. Dalton Transactions, 2020, 49, 8864-8871.	3.3	8
26	Orientation-Inspired Perspective on Molecular Inhibitor of Tau Aggregation by Curcumin Conjugated with Ruthenium(II) Complex Scaffold. Journal of Physical Chemistry B, 2020, 124, 2343-2353.	2.6	15
27	Nanotechnologies for enhancing cancer immunotherapy. Nano Research, 2020, 13, 2595-2616.	10.4	22
28	A Cu9S5 nanoparticle-based CpG delivery system for synergistic photothermal-, photodynamic- and immunotherapy. Communications Biology, 2020, 3, 343.	4.4	29
29	Novel Combined Spectral Indices Derived from Hyperspectral and Laser-Induced Fluorescence LiDAR Spectra for Leaf Nitrogen Contents Estimation of Rice. Remote Sensing, 2020, 12, 185.	4.0	5
30	Bone Marrow–Derived Mesenchymal Stem Cell–Mediated Dual-Gene Therapy for Glioblastoma. Human Gene Therapy, 2019, 30, 106-117.	2.7	28
31	Tumorâ€Targeted Drug and CpG Delivery System for Phototherapy and Docetaxelâ€Enhanced Immunotherapy with Polarization toward M1â€Type Macrophages on Triple Negative Breast Cancers. Advanced Materials, 2019, 31, e1904997.	21.0	238
32	A redox-activated theranostic nanoplatform: toward glutathione-response imaging guided enhanced-photodynamic therapy. Inorganic Chemistry Frontiers, 2019, 6, 2865-2872.	6.0	9
33	Luminescent Ru(<scp>ii</scp>)-thiol modified silver nanoparticles for lysosome targeted theranostics. Dalton Transactions, 2019, 48, 10393-10397.	3.3	15
34	G-quadruplex and duplex DNA binding studies of novel Ruthenium(II) complexes containing ascididemin ligands. Journal of Inorganic Biochemistry, 2019, 196, 110681.	3.5	17
35	Integrating <i>in situ</i> formation of nanozymes with mesoporous polydopamine for combined chemo, photothermal and hypoxia-overcoming photodynamic therapy. Chemical Communications, 2019, 55, 14785-14788.	4.1	44
36	Labelâ€free molecular probe based on Gâ€quadruplex and strand displacement for sensitive and selective detection and naked eye discrimination of exon 2 deletion of AIMP2. Chemical Biology and Drug Design, 2019, 93, 993-998.	3.2	3

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37	Analyzing the effect of the incidence angle on chlorophyll fluorescence intensity based on laser-induced fluorescence lidar. Optics Express, 2019, 27, 12541.	3.4	13
38	Regulation of multi-factors (tail/loop/link/ions) for G-quadruplex enantioselectivity of Δ- and Λ- [Ru(bpy)2(dppz-idzo)]2+. Dalton Transactions, 2018, 47, 5422-5430.	3.3	8
39	The application of time decay characteristics of laserâ€induced fluorescence in the classification of vegetation. Luminescence, 2017, 32, 17-21.	2.9	0
40	Quantitative Fluorescence Quenching on Antibody-conjugated Graphene Oxide as a Platform for Protein Sensing. Scientific Reports, 2017, 7, 40772.	3.3	32
41	Coordination polymer nanoparticles from nucleotide and lanthanide ions as a versatile platform for color-tunable luminescence and integrating Boolean logic operations. Nanoscale, 2017, 9, 9589-9597.	5.6	41
42	Integration of G-quadruplex and DNA-templated Ag NCs for nonarithmetic information processing. Chemical Science, 2017, 8, 4211-4222.	7.4	49
43	In-Situ Fixation of All-Inorganic Mo–Fe–S Clusters for the Highly Selective Removal of Lead(II). ACS Applied Materials & Interfaces, 2017, 9, 32720-32726.	8.0	65
44	The characterization of plant species using firstâ€derivative fluorescence spectra. Luminescence, 2017, 32, 348-352.	2.9	1
45	Potential of spectral ratio indices derived from hyperspectral LiDAR and laser-induced chlorophyll fluorescence spectra on estimating rice leaf nitrogen contents. Optics Express, 2017, 25, 6539.	3.4	18
46	Using Different Regression Methods to Estimate Leaf Nitrogen Content in Rice by Fusing Hyperspectral LiDAR Data and Laser-Induced Chlorophyll Fluorescence Data. Remote Sensing, 2016, 8, 526.	4.0	30
47	Versatile molybdenum disulfide based antibacterial composites for in vitro enhanced sterilization and in vivo focal infection therapy. Nanoscale, 2016, 8, 11642-11648.	5.6	117
48	[Ru(L) 2 (3-tppp)] 2+ (L = bpy, phen) stabilizes two different forms of the human telomeric G-quadruplex DNA. Inorganic Chemistry Communication, 2016, 72, 7-12.	3.9	9
49	Use of rhenium-188 for in vivo imaging and treatment of human cervical cancer cells transfected with lentivirus expressing sodium iodide symporter. Oncology Reports, 2016, 36, 2289-2297.	2.6	8
50	Three label-free thrombin aptasensors based on aptamers and [Ru(bpy) ₂ (o-mopip)] ²⁺ . Journal of Materials Chemistry B, 2016, 4, 1361-1367.	5.8	26
51	Laser-induced fluorescence characteristics of vegetation by a new excitation wavelength. Spectroscopy Letters, 2016, 49, 263-267.	1.0	19
52	Ultrasensitive and universal fluorescent aptasensor for the detection of biomolecules (ATP,) Tj ETQq0 0 0 rgBT /C Bioelectronics, 2016, 79, 205-212.)verlock 10 10.1	0 Tf 50 147 T 100
53	A universal label-free fluorescent aptasensor based on Ru complex and quantum dots for adenosine, dopamine and 17l²-estradiol detection. Biosensors and Bioelectronics, 2016, 79, 198-204.	10.1	100
54	A RET-supported logic gate combinatorial library to enable modeling and implementation of intelligent logic functions. Chemical Science, 2016, 7, 1853-1861.	7.4	68

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55	Binding Behaviors for Different Types of DNA Gâ€Quadruplexes: Enantiomers of [Ru(bpy) ₂ (L)] ²⁺ (L=dppz, dppzâ€idzo). Chemistry - A European Journal, 2015, 21, 11435-11445.	3.3	40
56	Effect of the Ancillary Ligands on the Spectral Properties and Gâ€Quadruplexes DNA Binding Behavior: A Combined Experimental and Theoretical Study. Chemistry - A European Journal, 2015, 21, 13390-13400.	3.3	17
57	Vegetation identification based on characteristics of fluorescence spectral spatial distribution. RSC Advances, 2015, 5, 56932-56935.	3.6	10
58	Sensitive detection for coralyne and mercury ions based on homo-A/T DNA by exonuclease signal amplification. Biosensors and Bioelectronics, 2015, 71, 439-444.	10.1	19
59	Molecular "light switch―[Ru(phen) ₂ dppzidzo] ²⁺ monitoring the aggregation of tau. Analyst, The, 2015, 140, 7513-7517.	3.5	11
60	Impacts of terminal modification of [Ru(phen) ₂ dppz] ²⁺ on the luminescence properties: a theoretical study. Dalton Transactions, 2015, 44, 19264-19274.	3.3	13
61	Cu2+ modulated silver nanoclusters as an on–off–on fluorescence probe for the selective detection of l-histidine. Biosensors and Bioelectronics, 2015, 66, 103-108.	10.1	62
62	Theranostic Studies of Human Sodium Iodide Symporter Imaging and Therapy Using 188Re: A Human Glioma Study in Mice. PLoS ONE, 2014, 9, e102011.	2.5	11
63	Ultrasensitive fluorescence detection of heparin based on quantum dots and a functional ruthenium polypyridyl complex. Biosensors and Bioelectronics, 2014, 55, 174-179.	10.1	43
64	Two structurally analogous ruthenium complexes as naked-eye and reversible molecular "light switch―for G-quadruplex DNA. Journal of Inorganic Biochemistry, 2014, 140, 64-71.	3.5	31
65	A label-free fluorescent probe for Hg2+ and biothiols based on graphene oxide and Ru-complex. Scientific Reports, 2014, 4, 5320.	3.3	45
66	[Ru(bpy)2dppz-idzo]2+: a colorimetric molecular "light switch―and powerful stabilizer for G-quadruplex DNA. Dalton Transactions, 2013, 42, 5661.	3.3	59
67	Label-free fluorescent DNA biosensors based on metallointercalators and nanomaterials. Methods, 2013, 64, 305-314.	3.8	19
68	A comparative study of the interaction of two structurally analogous ruthenium complexes with human telomeric G-quadruplex DNA. Journal of Inorganic Biochemistry, 2013, 121, 19-27.	3.5	34
69	A new fluorescence "switch on―assay for heparin detection by using a functional ruthenium polypyridyl complex. Analyst, The, 2013, 138, 3483.	3.5	25
70	Molecular Hairpin: A Possible Model for Inhibition of Tau Aggregation by Tannic Acid. Biochemistry, 2013, 52, 1893-1902.	2.5	41
71	Targeting Human Telomeric G-Quadruplex DNA and Inhibition of Telomerase Activity With [(dmb)2Ru(obip)Ru(dmb)2]4+. PLoS ONE, 2013, 8, e84419.	2.5	14
72	Label-free fluorescent DNA sensor for the detection of silver ions based on molecular light switch Ru complex and unmodified quantum dots. Analyst, The, 2013, 138, 421-424.	3.5	29

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73	A Naked-Eye On–Off–On Molecular "Light Switch―Based on a Reversible "Conformational Switchâ€ G-Quadruplex DNA. Inorganic Chemistry, 2012, 51, 12591-12593.	of 4.0	65
74	[Ru(bpy)2(bppp)]2+ binds two different forms of the human telomeric G-quadruplex structure. Inorganic Chemistry Communication, 2012, 24, 212-215.	3.9	12
75	A molecular light switch Ru complex and quantum dots for the label-free, aptamer-based detection of thrombin. Analyst, The, 2012, 137, 1550.	3.5	22
76	Molecular "light switch―for G-quadruplex DNA: cycling the switch on and off. Dalton Transactions, 2012, 41, 5789.	3.3	40
77	Polypyridyl Complexes of Ruthenium(II): Stabilization of Gâ€quadruplex DNA and Inhibition of Telomerase Activity. ChemPlusChem, 2012, 77, 551-562.	2.8	18
78	Cooperative folding of tau peptide by coordination of group IIB metal cations during heparin-induced aggregation. BioMetals, 2012, 25, 361-372.	4.1	12
79	Graphene oxide–Ru complex for label-free assay of DNA sequence and potassium ions via fluorescence resonance energy transfer. Analytical Methods, 2011, 3, 2472.	2.7	39
80	The Impacts of Hg(II) Tightly Binding on the Alzheimer's Tau Construct R3: Misfolding and Aggregation. Bulletin of the Chemical Society of Japan, 2011, 84, 1362-1367.	3.2	5
81	Flavonoids Inhibit Heparin-Induced Aggregation of the Third Repeat (R3) of Microtubule-Binding Domain of Alzheimer's Tau Protein. Bulletin of the Chemical Society of Japan, 2010, 83, 911-922.	3.2	6
82	Molecular "light switch―for G-quadruplexes and i-motif of human telomeric DNA: [Ru(phen)2(dppz)]2+. Dalton Transactions, 2010, 39, 2490.	3.3	84
83	Interaction of [Ru(bpy)2(dppz)]2+ with human telomeric DNA: Preferential binding to G-quadruplexes over i-motif. Biochimie, 2010, 92, 370-377.	2.6	108
84	Synthesis, characterization, and DNAâ€binding of chiral complexes Δ―and ĥâ€{Ru(bpy) ₂ (pyip)] ²⁺ . Chirality, 2009, 21, 276-283.	2.6	20
95	Synthesis, characterization, DNA-binding and DNA-photocleavage studies of [Ru(bpy)2(pmip)]2+ and		

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91	Experimental and theoretical studies on the DNA-binding and spectral properties of water-soluble complex [Ru(MeIm)4(dpq)]2+. Journal of Molecular Structure, 2008, 881, 156-166.	3.6	68
92	A combined computational and experimental study on DNA-photocleavage of Ru(ii) polypyridyl complexes [Ru(bpy)2(L)]2+ (L = pip, o-mopip and p-mopip). Dalton Transactions, 2008, , 291-301.	3.3	33
93	Promoting the Formation and Stabilization of G-Quadruplex by Dinuclear Rull Complex Ru2(obip)L4. Inorganic Chemistry, 2008, 47, 2910-2912.	4.0	79

Synthesis, characterization and DNA-binding of novel chiral complexes \hat{i} and \hat{b} -[Ru(bpy)2L]2+ (L=o-mopip) Tj ETQg0.0 0 rgBT/Overlock 3.5

95	Investigation on DNA Binding and Photo-Cleavage Properties of Water-Soluble Porphyrin and Metalloporphyrins. Transition Metal Chemistry, 2005, 30, 684-690.	1.4	6
96	Electronic effect of different positions of the –NO2 group on the DNA-intercalator of chiral complexes [Ru(bpy)2L]2+(L =o-npip, m-npip and p-npip). Dalton Transactions, 2005, , 2038.	3.3	84
97	Synthesis, characterization and antiviral activity against influenza virus of a series of novel manganese-substituted rare earth borotungstates heteropolyoxometalates. Antiviral Research, 2004, 62, 65-71.	4.1	46
98	Mercury mediated DNA–Au/Ag nanocluster ensembles to generate a gray code encoder for biocomputing. Materials Horizons, 0, , .	12.2	5