

Ke-Zhi Wang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Ultralong Persistent Room Temperature Phosphorescence of Metal Coordination Polymers Exhibiting Reversible pH-Responsive Emission. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 15489-15496.	8.0	153
2	Recent progress in carbonyl-based organic polymers as promising electrode materials for lithium-ion batteries (LIBs). <i>Journal of Materials Chemistry A</i> , 2020, 8, 11906-11922.	10.3	134
3	Ruthenium(II) Complex of Hbopip: A Synthesis, Characterization, pH-Induced Luminescence "On/Off" Switch, and Avid Binding to DNA. <i>Journal of Physical Chemistry B</i> , 2006, 110, 2364-2371.	2.6	104
4	Smart Luminescent Coordination Polymers toward Multimode Logic Gates: Time-Resolved, Tribochromic and Excitation-Dependent Fluorescence/Phosphorescence Emission. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 17399-17407.	8.0	102
5	Bright red electroluminescent devices using novel second-ligand-contained europium complexes as emitting layers. <i>Journal of Materials Chemistry</i> , 2001, 11, 790-793.	6.7	101
6	Highly Sensitive and Selective Difunctional Ruthenium(II) Complex-Based Chemosensor for Dihydrogen Phosphate Anion and Ferrous Cation. <i>Inorganic Chemistry</i> , 2013, 52, 2306-2316.	4.0	99
7	Novel 3D Ln(III)-CuI Supramolecular Architecture Based on 2D MOFs with (6,3) Topology. <i>Inorganic Chemistry</i> , 2007, 46, 2956-2958.	4.0	88
8	A Triphenylamine-Grafted Imidazo[4,5- <i>f</i>][1,10]phenanthroline Ruthenium(II) Complex: Acid-Base and Photoelectric Properties. <i>Inorganic Chemistry</i> , 2010, 49, 3752-3763.	4.0	86
9	Lanthanide doped coordination polymers with tunable afterglow based on phosphorescence energy transfer. <i>Chemical Communications</i> , 2017, 53, 7752-7755.	4.1	85
10	Syntheses and DNA-binding studies of two ruthenium(II) complexes containing one ancillary ligand of bpy or phen: [Ru(bpy)(pp[2,3]p) ₂](ClO ₄) ₂ and [Ru(phen)(pp[2,3]p) ₂](ClO ₄) ₂ . <i>Journal of Inorganic Biochemistry</i> , 2005, 99, 1685-1691.	3.5	83
11	Dual Molecular Light Switches for pH and DNA Based on a Novel Ru(II) Complex. A Non-Intercalating Ru(II) Complex for DNA Molecular Light Switch. <i>Inorganic Chemistry</i> , 2011, 50, 6425-6436.	4.0	74
12	Carbazole-functionalized europium complex and its high-efficiency organic electroluminescent properties. <i>Journal of Applied Physics</i> , 2003, 94, 4729-4731.	2.5	73
13	Syntheses, spectroscopic and crystal structural studies of novel imidazo[4,5- <i>f</i>][1,10]-phenanthroline derivatives and their Eu(III) ternary complexes with dibenzoylmethane. <i>Polyhedron</i> , 2002, 21, 313-319.	2.2	67
14	Luminescent pH sensing and DNA binding properties of a novel ruthenium(II) complex. <i>Journal of Inorganic Biochemistry</i> , 2004, 98, 1017-1022.	3.5	65
15	Ruthenium(II) complex of 2-(9-anthryl)-1H-imidazo[4,5- <i>f</i>][1,10]phenanthroline: synthesis, spectrophotometric pH titrations and DNA interaction. <i>New Journal of Chemistry</i> , 2006, 30, 208-214.	2.8	61
16	Reversible Mechanochromic Delayed Fluorescence in 2D Metal-Organic Micro/Nanosheets: Switching Singlet-Triplet States through Transformation between Exciplex and Excimer. <i>Advanced Science</i> , 2018, 5, 1801187.	11.2	61
17	The interesting DNA-binding properties of three novel dinuclear Ru(II) complexes with varied lengths of flexible bridges. <i>Journal of Inorganic Biochemistry</i> , 2011, 105, 435-443.	3.5	59
18	pH luminescence switch, DNA binding and photocleavage, and cytotoxicity of a dinuclear ruthenium complex. <i>Dalton Transactions</i> , 2013, 42, 5764.	3.3	55

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19	Langmuir-Blodgett Film and Second Harmonic Generation of a Europium Hemicyanine Complex, Me ₂ NC ₆ H ₄ CH:CHC ₅ H ₄ NC ₁₆ H ₃₃ +Eu(NTA) ₄ . Langmuir, 1994, 10, 1910-1912.	3.5	54
20	Molecular Light Switches for Calf Thymus DNA Based on Three Ru(II) Bipyridyl Complexes with Variations of Heteroatoms. Journal of Physical Chemistry C, 2007, 111, 16577-16585.	3.1	54
21	One-dimensional co-crystallized coordination polymers showing reversible mechanochromic luminescence: cation-anion interaction directed rapid self-recovery. Chemical Communications, 2020, 56, 5267-5270.	4.1	51
22	pH- and DNA-induced dual molecular light switches based on a novel ruthenium(II) complex. Journal of Inorganic Biochemistry, 2009, 103, 1395-1404.	3.5	47
23	A β -D-Glucopyranoside-Grafted Ru(II) Complex: Synthesis and Acid-Base and DNA-Binding Properties. Journal of Physical Chemistry B, 2009, 113, 11039-11047.	2.6	47
24	pH effects on optical and DNA binding properties of a thiophene-containing ruthenium(II) complex. Inorganica Chimica Acta, 2011, 370, 132-140.	2.4	46
25	DNA Binding and Photocleavage Properties, Cellular Uptake and Localization, and in-Vitro Cytotoxicity of Dinuclear Ruthenium(II) Complexes with Varying Lengths in Bridging Alkyl Linkers. Inorganic Chemistry, 2016, 55, 1412-1422.	4.0	45
26	Visible-Light-Excited Singlet-Oxygen Luminescence Probe Based on Re(CO) ₃ Cl. European Journal of Inorganic Chemistry, 2008, 2008, 5214-5219.	2.0	43
27	Layer-by-Layer Assembly of Graphene Oxide and a Ru(II) Complex and Significant Photocurrent Generation Properties. Langmuir, 2013, 29, 14314-14320.	3.5	43
28	Synthesis, Characterization, and Second-Harmonic Generation Studies of Surfactant Ruthenium(II) Diimine Complexes in Langmuir-Blodgett Films. X-ray Crystal Structure of fac-ClRe(CO) ₃ L (L = Tj ETQqO O O rgBTz Overlock 10 Tf 50 3	2.9	42
29	pH luminescence switching, dihydrogen phosphate sensing, and cellular uptake of a heterobimetallic ruthenium(II)-ruthenium(II) complex. Dalton Transactions, 2014, 43, 3273-3284.	3.3	39
30	Preparation, Characterization, and Second-Harmonic Generation of a Langmuir-Blodgett Film Based on a Rare-Earth Coordination Compound. Chemistry of Materials, 1994, 6, 1986-1989.	6.7	36
31	Ruthenium(II) complexes of 6-hydroxydipyrido[3,2-a:2',3'-c]phenazine: self-association, and concentration-dependent acid-base and DNA-binding properties. New Journal of Chemistry, 2008, 32, 970.	2.8	36
32	DNA- and RNA-binding and enhanced DNA-photocleavage properties of a ferrocenyl-containing ruthenium(II) complex. Journal of Inorganic Biochemistry, 2012, 107, 104-110.	3.5	36
33	Chromogenic and fluorogenic sensing properties toward cations and anions by a terpyridine/phenylimidazo [4,5-f]phenanthroline hybrid. Sensors and Actuators B: Chemical, 2012, 169, 312-319.	7.8	35
34	pH-Switchable π -Conjugated Near-Infrared Luminescence Based on a Dinuclear Ruthenium(II) Complex. Inorganic Chemistry, 2017, 56, 4775-4779.	4.0	35
35	A comparative study of the interaction of two structurally analogue ruthenium(II) complexes with DNA. Journal of Inorganic Biochemistry, 2004, 98, 2011-2015.	3.5	34
36	A Carbazole-Containing Difunctional Ru(II) Complex That Functions as a pH-Induced Emission Switch and an Efficient Sensitizer for Solar Cells. European Journal of Inorganic Chemistry, 2009, 2009, 508-518.	2.0	34

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37	Synthesis and the Effect of a Peripheral N-Arylcarbazole Moiety on the Acid-Base and DNA Binding Properties of a Novel Rull Complex. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 430-436.	2.0	33
38	Hydrothermal synthesis and structural characterization of two novel lanthanide supramolecular coordination polymers with nano-chains. <i>Journal of Molecular Structure</i> , 2003, 649, 85-93.	3.6	31
39	Studies of Langmuir-Blodgett Films of an Ion Pair Metal Complex Containing Eu(III)-Ru(II) Dual Chromophores. <i>Journal of Physical Chemistry B</i> , 2006, 110, 7402-7408.	2.6	30
40	Lanthanide-pyridyl-2,5-dicarboxylate N-oxide frameworks with rutile topology. <i>CrystEngComm</i> , 2012, 14, 512-518.	2.6	29
41	Synthesis, DNA binding and photocleavage, and cellular uptake of an alkyl chain-linked dinuclear ruthenium(II) complex. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2015, 143, 89-99.	3.8	29
42	First proton-induced near-infrared fluorescent switch at room temperature of a novel Ru(II) complex. <i>Inorganic Chemistry Communication</i> , 2002, 5, 841-843.	3.9	28
43	Photoelectric properties of polyoxometalate-based thin films – Recent advances and future perspective. <i>Polyhedron</i> , 2014, 82, 80-87.	2.2	28
44	Ionized cluster beam deposition and electrical bistability of C ₆₀ tetracyanoquinodimethane thin films. <i>Applied Physics Letters</i> , 1996, 68, 2192-2194.	3.3	26
45	Synthesis, pH-induced “off-on” luminescence switching, and partially intercalative DNA-binding and DNA photocleavage properties of an β -D-allopyranoside-grafted ruthenium(II) complex. <i>Journal of Inorganic Biochemistry</i> , 2012, 113, 66-76.	3.5	26
46	Near-IR/Visible-Emitting Thiophenyl-Based Ru(II) Complexes: Efficient Photodynamic Therapy, Cellular Uptake, and DNA Binding. <i>Inorganic Chemistry</i> , 2019, 58, 14244-14259.	4.0	26
47	Water cluster supported architecture of lanthanide coordination polymers with pyrazinetricarboxylic acid. <i>CrystEngComm</i> , 2009, 11, 278-283.	2.6	25
48	Recent advances in ruthenium complex-based light-driven water oxidation catalysts. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2015, 152, 95-105.	3.8	25
49	Architecture of zero-, one-, two- and three-dimensional structures based on metal ions and pyrazine-2,6-dicarboxylic acid. <i>Polyhedron</i> , 2008, 27, 717-726.	2.2	24
50	pH and copper ion luminescence on/off sensing by a dipyrazinylpyridine-appended ruthenium complex. <i>Sensors and Actuators B: Chemical</i> , 2015, 221, 614-624.	7.8	23
51	A highly sensitive and selective visible-light excitable luminescent probe for singlet oxygen based on a dinuclear ruthenium complex. <i>Dalton Transactions</i> , 2017, 46, 3325-3331.	3.3	23
52	A Comparative Study of the Optical and Electroluminescent Properties of Eu(III) Complexes with TTA and 2-(2-Pyridyl)azoles: The Crystal Structure of [Eu(TTA) ₃ (PBO)]. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 3731-3737.	2.0	22
53	Synthesis and Optical and Electroluminescent Properties of Two New Solution-Processable N ⁺ O-Re(I) Complexes. <i>Journal of Physical Chemistry C</i> , 2007, 111, 5211-5217.	3.1	22
54	Off-on-off pH luminescence switching and DNA binding properties of a free terpyridine-appended ruthenium complex. <i>Journal of Inorganic Biochemistry</i> , 2014, 141, 70-78.	3.5	22

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55	Synthesis, spectrophotometric pH titrations and DNA binding properties of a cyclometalated iridium(III) complex of tetrapyrido[3,2-a:2',3'-c:3'',2''-h:2''',3''-j]phenazine. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 1716-1722.	6.7	21
56	Study of a novel C ₆₀ -bis(2,2'-bicyanovinyl)pyridine complex thin film. <i>Applied Physics Letters</i> , 1996, 68, 2441-2443.	3.3	20
57	Synthesis, photophysics, photochemistry, electrochemistry and structural studies of luminescent rhenium(I) surfactant complexes; non-linear optical properties in Langmuir-Blodgett films. <i>Journal of Materials Chemistry</i> , 1998, 8, 89-97.	6.7	20
58	A Ru(II) complex with 2-(4-(methylsulfonyl)phenyl)-1H-imidazo[4,5-f][1,10]phenanthroline: Synthesis, characterization, and acid-base and DNA-binding properties. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 79, 1815-1822.	3.9	20
59	Enhanced photocurrent generation from an electrostatically self-assembled film of sandwich-type tetracadmium(II) tungstophosphate/hemicyanine. <i>Electrochimica Acta</i> , 2013, 92, 236-242.	5.2	20
60	Second-Order Nonlinear Optical Langmuir-Blodgett Films Based on a Series of Azo Rare-Earth Coordination Compounds. <i>Chemistry of Materials</i> , 1995, 7, 1047-1049.	6.7	19
61	Synthetic and electroluminescent properties of two novel europium complexes with benzimidazole derivatives as second ligands. <i>Synthetic Metals</i> , 2002, 128, 241-245.	3.9	19
62	Recent Progress in Polynuclear Ruthenium Complex-Based DNA Binders/Structural Probes and Anticancer Agents. <i>Current Medicinal Chemistry</i> , 2020, 27, 3735-3752.	2.4	19
63	Synthesis, Crystal Structure, and Optical and Photoelectrochemical Properties of a Rhenium(I) Complex. <i>Organometallics</i> , 2011, 30, 712-716.	2.3	18
64	Synergistically enhanced photoelectrochemical properties of a layer-by-layer hybrid film based on graphene oxide and a free terpyridyl-grafted ruthenium complex. <i>Journal of Materials Chemistry A</i> , 2015, 3, 3441-3449.	10.3	18
65	Effects of elemental composition variations of Keggin polyoxometalates on photocurrent generation of their layer-by-layer self-assembled films with a hemicyanine dye. <i>Electrochimica Acta</i> , 2015, 166, 215-222.	5.2	18
66	Photoelectrochemical properties of electrostatically self-assembled multilayer films formed by a cobalt complex and graphene oxide. <i>Journal of Colloid and Interface Science</i> , 2013, 402, 107-113.	9.4	17
67	Photoelectrochemical properties of electrostatically self-assembled multilayer films formed by three bipolar hemicyanines and H ₄ SiW ₁₂ O ₄₀ . <i>Materials Research Bulletin</i> , 2013, 48, 595-602.	5.2	17
68	pH controllable photocurrent switching and molecular half-subtractor calculations based on a monolayer composite film of a dinuclear Ru(II) complex and graphene oxide. <i>Journal of Materials Chemistry C</i> , 2017, 5, 3390-3396.	5.5	17
69	Preparation, Characterization, and Photoelectric Properties of an Electrostatically Self-Assembled Film Based on Tungstophosphoric Acid and a Binuclear Ru(II) Complex. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 4089-4096.	0.9	16
70	Redox- and photovoltaic-active nanocomposite thin films of graphene oxide and a ruthenium terpyridyl complex. <i>Electrochimica Acta</i> , 2014, 134, 319-326.	5.2	16
71	pH-induced photocurrent switching based on a highly stable drop-casting film of imidazole moiety-containing dinuclear Ru(II) Complex. <i>Electrochimica Acta</i> , 2014, 146, 776-783.	5.2	16
72	A phenylcarbazole functionalized ruthenium dye for efficient dye-sensitized solar cells. <i>Solar Energy</i> , 2011, 85, 2497-2506.	6.1	15

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73	Synthesis, characterization and crystal structure of $\text{Me}_2\text{NC}_6\text{H}_4\text{—CHC}_5\text{H}_4\text{N}(\text{C}_2\text{H}_5)_2 + [\text{La}(\text{TTA})_4] \cdot (\text{TTA}^-) \cdot \text{Tj} \cdot \text{ETQq}_1 \cdot 1.1$	0.7843	14
74	Three-dimensional high-rate electropolymerized thin film with exceptionally high photocurrent based on a triphenylamine-containing ruthenium complex. <i>Electrochimica Acta</i> , 2019, 298, 265-278.	5.2	14
75	Recent Advances on Dark and Light-Activated Cytotoxicity of Imidazole-Containing Ruthenium Complexes. <i>Mini-Reviews in Medicinal Chemistry</i> , 2016, 16, 272-289.	2.4	14
76	Hybrid self-assembled multilayer film formed by alternating layers of $\text{H}_4\text{SiW}_{12}\text{O}_{40}$ and 1,10-diaminodecane (DAD). <i>Materials Research Bulletin</i> , 2002, 37, 2447-2451.	5.2	13
77	Graphene oxide supported mononuclear aquaruthenium complex ultrathin films with enhanced photoelectric conversion and electrocatalytic water oxidation. <i>Electrochimica Acta</i> , 2015, 172, 77-87.	5.2	13
78	New applications of ruthenium solar cell sensitizers N3 and N719 as luminescence turn-on anion sensors. <i>Inorganica Chimica Acta</i> , 2009, 362, 5155-5162.	2.4	12
79	Ytterbium Coordination Polymer with Four Different Coordination Numbers: The First Structural Characterization of Lanthanide Phthalate Complex. <i>Chinese Journal of Chemistry</i> , 2002, 20, 813-815.	4.9	12
80	Synthesis, and Acid-Base and DNA-Binding Properties of a Thiophen-Appended Ruthenium Complex. <i>Australian Journal of Chemistry</i> , 2011, 64, 206.	0.9	12
81	A 3D electropolymerized thin film based on a thiophene-functionalized $\text{Ru}(\text{bpy})_3^{2+}$ complex: electrochemical and photoelectrochemical insights. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 3518-3528.	6.0	12
82	A Highly Photoactive Bilayer Lipid Membrane Doped with a Rare-Earth Complex. <i>Chemistry of Materials</i> , 1994, 6, 1910-1911.	6.7	10
83	Crystalline Organic Molecular Thin Film with Electrical Switching Property: A Scanning Probe Microscopy and Optical Spectroscopy Study. <i>Journal of Physical Chemistry B</i> , 2004, 108, 19348-19353.	2.6	10
84	Cyclometalated iridium(III) complex of 6-hydroxydipyrido[3,2-a:1',2'-c]phenazine: synthesis, and acid-base and avid DNA binding properties. <i>Applied Organometallic Chemistry</i> , 2011, 25, 521-529.	3.5	10
85	Preparation and Photocatalytic Activity of an Electrostatically Self-Assembled Film Made of $[\text{PMo}_{12}\text{O}_{40}]^{3-}$ and a Bipolar Hemicyanine Cation. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 9813-9817.	0.9	10
86	pH and DNA luminescence switching, DNA photocleavage and cytotoxic properties of two thiophene-containing ruthenium(II) complexes. <i>European Journal of Medicinal Chemistry</i> , 2014, 87, 10-22.	5.5	10
87	Improved photocurrent generation of three hybrid films made of $[\text{BW}_{11}\text{Co}(\text{H}_2\text{O})_9]^{7-}$ and hemicyanines with alkyl linkers of varying length. <i>Solar Energy Materials and Solar Cells</i> , 2020, 209, 110447.	6.2	10
88	Electrochemical and Photoelectrochemical Investigation of New Electrostatic Self-Assembled Films Based on Prussian Blue and a Binuclear Ru(II) Complex. <i>Journal of Nanoscience and Nanotechnology</i> , 2010, 10, 2053-2059.	0.9	9
89	Preparation and electrochemical and photoelectrochemical properties of a covalently self-assembled monolayer film based on a bis-terpyridyl ruthenium(II) complex. <i>Thin Solid Films</i> , 2013, 542, 251-256.	1.8	9
90	The effects of linear assembly of two carbazole groups on acid-base and DNA-binding properties of a ruthenium(II) complex. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 111, 196-203.	3.9	9

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91	Unusual Photoelectrochemical Properties of Electropolymerized Films of a Triphenylamine-Containing Organic Small Molecule. <i>Langmuir</i> , 2019, 35, 12620-12629.	3.5	9
92	Preparation and Electrochemical and Electrocatalytic Properties of Nanocomposite Multilayer Film Based on a Keggin-Type Phosphomolybdate. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 9861-9864.	0.9	8
93	The effects of structural variations of thiophene-containing Ru(II) complexes on the acid-base and DNA binding properties. <i>Journal of Biomolecular Structure and Dynamics</i> , 2013, 31, 316-330.	3.5	8
94	A highly selective turn-on colorimetric and luminescence sensor based on a triphenylamine-appended ruthenium(II) dye for detecting mercury ion. <i>Chinese Chemical Letters</i> , 2015, 26, 580-584.	9.0	8
95	pH-Sensitive Near-IR Emitting Dinuclear Ruthenium Complex for Recognition, Two-Photon Luminescent Imaging, and Subcellular Localization of Cancer Cells. <i>ACS Applied Bio Materials</i> , 2020, 3, 5420-5427.	4.6	8
96	Effect of terminal ligands on assembly of manganese(II) complexes with pyrazine-2,6-dicarboxylic acid. <i>Journal of Molecular Structure</i> , 2006, 798, 155-161.	3.6	7
97	Electrochemical and Photoelectrochemical Investigation of New Self-Assembled Films Based on Prussian Blue and a Terpyridyl Rull Complex. <i>Australian Journal of Chemistry</i> , 2015, 68, 426.	0.9	7
98	Second-Order Nonlinear Optical Langmuir-Blodgett Films Made of a Series of Ferrocenyl Lanthanoid Complexes. <i>Chemistry Letters</i> , 1995, 24, 1049-1050.	1.3	6
99	The Convenient Synthesis of Amphiphilic Phenanthroline Derivatives. <i>Synthetic Communications</i> , 2003, 33, 3477-3482.	2.1	6
100	Preparation, Characterization, and Photoelectric Properties of an Electrostatically Self-Assembled Film Based on Colloidal Tungsten Trioxide and a Dinuclear Ru(II) Complex. <i>Journal of Nanoscience and Nanotechnology</i> , 2010, 10, 2203-2207.	0.9	6
101	Electroluminescence from single-layer thin-film devices based on three binuclear Ru(II) complexes with different length of flexible bridges. <i>Thin Solid Films</i> , 2011, 519, 3883-3889.	1.8	6
102	Terpyridyl covalently functionalized silica microsphere for "naked-eye" colorimetric detection of ferrous ion in fully aqueous system. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 499, 54-59.	4.7	6
103	Chemosensing properties and logic gate behaviors of graphene quantum dot-appended terpyridine. <i>Materials Science and Engineering C</i> , 2019, 99, 657-668.	7.3	6
104	Oxidative electropolymerization films of a styrene-appending ruthenium complex with highly performed electrochemical, solar photoelectric conversion and photoelectrochemical oxygen reduction properties. <i>Electrochimica Acta</i> , 2022, 403, 139672.	5.2	6
105	Self-Assembled Films of a Biferrocenyl-Containing Hemicyanine Derivative with SiW ₁₂ O ₄₀ : Preparation, UV-Visible Spectroscopy and Electrochemical Properties. <i>Journal of Nanoscience and Nanotechnology</i> , 2010, 10, 2108-2112.	0.9	5
106	Large photocurrent generation of an ITO electrode modified with a red copper(II) complex. <i>Solar Energy</i> , 2011, 85, 1780-1786.	6.1	5
107	Inducement and stabilization of G-quadruplex DNA by a thiophene-containing dinuclear ruthenium(II) complex. <i>Journal of Coordination Chemistry</i> , 2017, 70, 2094-2112.	2.2	5
108	Photoelectric active hybrid film based on Rull terpyridyl complex and EuIII substituted Keggin polyoxometalate of [Eu(BW11O39)2]15 ⁻ . <i>Electrochimica Acta</i> , 2017, 256, 291-298.	5.2	5

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109	Recent advances in electrodes modified with ruthenium complexes for electrochemical and photoelectrochemical water oxidation. <i>Advances in Inorganic Chemistry</i> , 2019, , 305-341.	1.0	5
110	DNA groove-binding and acid-base properties of a Ru(II) complex containing anthryl moieties. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2020, 39, 592-614.	1.1	5
111	Electrodeposited thiophene-containing organic small molecule-modified ITO electrode with highly efficient photoelectric conversion and photoelectrochemical oxygen reduction. <i>Electrochimica Acta</i> , 2020, 362, 137150.	5.2	5
112	Synthesis and electronic coupling studies of cyclometalated diruthenium complexes bridged by 3,3'-bis(5,5'-tetrakis(benzimidazol-2-yl)-biphenyl. <i>Dalton Transactions</i> , 2021, 50, 4219-4230.	3.3	5
113	The Effects of Grafting of 2-Pyridyl to [Ru(bpy) ₂ (Hpip)] ²⁺ on Acid-Base and DNA-Binding Properties: Experimental and DFT Studies. <i>Journal of Biomolecular Structure and Dynamics</i> , 2011, 28, 955-968.	3.5	4
114	Synthesis, crystal structure, and properties of a double-helical zinc(II) coordination polymer with Ozagrel drug. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 86, 187-190.	3.9	4
115	Preparation and Photoelectrochemical Properties of a Self-Assembled Film Based on Wheel Type Polyoxomolybdate and Hemicyanine Derivative. <i>Journal of Nanoscience and Nanotechnology</i> , 2014, 14, 3808-3812.	0.9	4
116	An Electrostatically Self-Assembled Thin Film Made of Zn-Substituted Tungstoborate and Rhodamine B with Photoelectrochemical Properties. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 3674-3678.	0.9	3
117	Four photoelectroactive composite films based on [BW 11 O 39 M(H 2 O)] 7 ⁻ (M = Zn, Cu) and bipolar hemicyanines. <i>Materials Research Bulletin</i> , 2017, 92, 1-8.	5.2	2
118	Bipolar Hemicyanine-Based Photodynamic Modulation of Type I Pathway for Efficient Sterilization and Real-Time Monitoring. <i>ACS Applied Bio Materials</i> , 2022, 5, 2549-2555.	4.6	2
119	Study of decacyclene-1,4-bis-(1,1-dicyanovinyl) benzene composite film with electronic switching characteristic. <i>Journal of Materials Science Letters</i> , 1996, 15, 977.	0.5	1
120	Preparation, Characterization, and Photoelectric Properties of a Covalently Self-Assembled Monolayer of Ferrocenyl Hemicyanine. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 9997-10002.	0.9	1
121	Photoelectrochemical Properties of Graphene Oxide-Based Electrostatically Self-Assembled Film. <i>Journal of Nanoscience and Nanotechnology</i> , 2014, 14, 3932-3936.	0.9	1
122	Ultrathin ruthenium(II) complex-H ₄ SiW ₁₂ O ₄₀ multilayer film. <i>Journal of Nanoscience and Nanotechnology</i> , 2008, 8, 1248-53.	0.9	1
123	Preparation and second-harmonic generation properties of a self-assembled multilayer film based on nanoporous isopolyoxomolybdate and bipolar hemicyanine. <i>Journal of Nanoscience and Nanotechnology</i> , 2008, 8, 1355-8.	0.9	1