

# Garry S Hanan

## List of Publications by Year in descending order

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156  
papers

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#	ARTICLE	IF	CITATIONS
1	Design, synthesis and photophysical studies of dipyrromethene-based materials: insights into their applications in organic photovoltaic devices. <i>Chemical Society Reviews</i> , 2014, 43, 3342-3405.	38.1	472
2	Designing tridentate ligands for ruthenium(ii) complexes with prolonged room temperature luminescence lifetimes. <i>Chemical Society Reviews</i> , 2005, 34, 133.	38.1	392
3	Synthesis and properties of mono- and oligo-nuclear Ru(II) complexes of tridentate ligands: The quest for long-lived excited states at room temperature. <i>Coordination Chemistry Reviews</i> , 2006, 250, 1763-1782.	18.8	221
4	Coordination Arrays: Tetranuclear Cobalt(II) Complexes with [2D- 2]-Grid Structure. <i>Angewandte Chemie International Edition in English</i> , 1997, 36, 1842-1844.	4.4	200
5	Design, synthesis and excited-state properties of mononuclear Ru(II) complexes of tridentate heterocyclic ligands. <i>Chemical Society Reviews</i> , 2014, 43, 6184.	38.1	155
6	Covalent multi-component systems of polyoxometalates and metal complexes: Toward multi-functional organic-inorganic hybrids in molecular and material sciences. <i>Coordination Chemistry Reviews</i> , 2014, 281, 64-85.	18.8	155
7	Luminescent polynuclear assemblies. <i>Chemical Society Reviews</i> , 2007, 36, 1466.	38.1	149
8	A Strategy for Improving the Room-Temperature Luminescence Properties of Ru(II) Complexes with Tridentate Ligands. <i>Journal of the American Chemical Society</i> , 2002, 124, 7912-7913.	13.7	130
9	Synthesis, Structure, and Properties of Dinuclear and Trinuclear Rack-Type Ru(II) Complexes. <i>Angewandte Chemie International Edition in English</i> , 1995, 34, 1122-1124.	4.4	129
10	Synthesis, structure, and properties of oligo-tridentate ligands; covalently assembled precursors of coordination arrays. <i>Canadian Journal of Chemistry</i> , 1997, 75, 169-182.	1.1	120
11	Blue-Emissive Cobalt(III) Complexes and Their Use in the Photocatalytic Trifluoromethylation of Polycyclic Aromatic Hydrocarbons. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 8027-8031.	13.8	106
12	Ruthenium Complexes of Easily Accessible Tridentate Ligands Based on the 2-Aryl-4,6-bis(2-pyridyl)-s-triazine Motif: Absorption Spectra, Luminescence Properties, and Redox Behavior. <i>Chemistry - A European Journal</i> , 2004, 10, 3640-3648.	3.3	101
13	Coordination Arrays: Synthesis and Characterisation of Rack-Type Dinuclear Complexes. <i>Chemistry - A European Journal</i> , 1996, 2, 1292-1302.	3.3	92
14	Self-assembly of discrete metallosupramolecular luminophores. <i>Coordination Chemistry Reviews</i> , 2008, 252, 903-921.	18.8	90
15	Discrete Covalent Organic-Inorganic Hybrids: Terpyridine Functionalized Polyoxometalates Obtained by a Modular Strategy and Their Metal Complexation. <i>Inorganic Chemistry</i> , 2011, 50, 6737-6745.	4.0	85
16	Synthesis, Crystal Structure and Photophysical Properties of Pyrene-Helicene Hybrids. <i>Chemistry - A European Journal</i> , 2013, 19, 16295-16302.	3.3	80
17	A Facile Route to Sterically Hindered and Non-Hindered 4-Aryl-2,2':6''-2''-Terpyridines. <i>Synlett</i> , 2005, 2005, 1251-1254.	1.8	78
18	Synthesis and Properties of the Elusive Ruthenium(II) Complexes of 4-Cyano-2,2':6''-terpyridine. <i>Inorganic Chemistry</i> , 2005, 44, 5-7.	4.0	78

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19	The Multichromophore Approach: Prolonged Room-Temperature Luminescence Lifetimes in Ru(II) Complexes Based on Tridentate Polypyridine Ligands. <i>Chemistry - A European Journal</i> , 2006, 12, 8539-8548.	3.3	78
20	Ruthenium(II) Complexes with Improved Photophysical Properties Based on Planar 4-(2-Pyrimidinyl)-2,2',6'-terpyridine Ligands. <i>Inorganic Chemistry</i> , 2007, 46, 2854-2863.	4.0	78
21	Synthesis, Structural, and Photophysical Investigation of Diimine Triscarbonyl Re(I) Tetrazolato Complexes. <i>Inorganic Chemistry</i> , 2011, 50, 1229-1241.	4.0	74
22	Self-Assembled Light-Harvesting Systems: Ru(II) Complexes Assembled about Rh <sup>+</sup> /Rh Cores. <i>Journal of the American Chemical Society</i> , 2007, 129, 10479-10488.	13.7	69
23	Photocatalytic Hydrogen Production Using a Red-Absorbing Ir(III)-Co(III) Dyad. <i>Inorganic Chemistry</i> , 2017, 56, 10875-10881.	4.0	59
24	Stoichiometrically Controlled Revocable Self-Assembled Spiro- versus Quadruple-Stranded Double-Decker-Type Coordination Cages. <i>Chemistry - A European Journal</i> , 2014, 20, 13122-13126.	3.3	58
25	Creating New Binding Sites in Ligands and Metal Complexes Using the Negishi Cross-Coupling Reaction. <i>Inorganic Chemistry</i> , 2003, 42, 5-7.	4.0	53
26	Near infra-red emitting Ru(II) complexes of tridentate ligands: electrochemical and photophysical consequences of a strong donor ligand with large bite angles. <i>Chemical Science</i> , 2014, 5, 4800-4811.	7.4	49
27	Facile syntheses of tridentate ligands for room-temperature luminescence in ruthenium complexes. <i>Chemical Communications</i> , 2002, , 1356-1357.	4.1	48
28	Self-Assembly, Characterisation, and Crystal Structure of Multinuclear Metal Complexes of the [2-3] and [3-3] Grid-Type. <i>Chemistry - A European Journal</i> , 2002, 8, 3458.	3.3	45
29	Preparation, Photophysics, and Electrochemistry of Segmented Comonomers Consisting of Thiophene and Pyrimidine Units: New Monomers for Hybrid Copolymers. <i>Journal of Physical Chemistry B</i> , 2007, 111, 11407-11418.	2.6	45
30	Carboxy-derived (tpy) <sub>2</sub> Ru <sup>2+</sup> complexes as sub-units in supramolecular architectures: The solubilized ligand 4-(4-carboxyphenyl)-4,4'-di-(tert-butyl)tpy and its homoleptic Ru(II) complex. <i>Inorganica Chimica Acta</i> , 2008, 361, 2259-2269.	2.4	41
31	Absorption and Emission Properties of Di- and Trinuclear Ruthenium(II) Rack-Type Complexes. <i>European Journal of Inorganic Chemistry</i> , 1999, 1999, 1409-1414.	2.0	40
32	Controlling the Direction of Photoinduced Energy Transfer in Multicomponent Species. <i>Chemistry - A European Journal</i> , 1999, 5, 3523-3527.	3.3	40
33	Thiacyclophanes containing the -S(CH <sub>2</sub> ) <sub>3</sub> S(CH <sub>2</sub> ) <sub>3</sub> S- linkage. Synthesis and structures of 2,6,10-trithia[11]-o-cyclophane (TT[II]OC), 2,6,10-trithia[11]-m-cyclophane (TT[11]MC), and the palladation product [Pd(TT[11]MC)][BF <sub>4</sub> ]. <i>Inorganic Chemistry</i> , 1992, 31, 3286-3291.	4.0	39
34	Near infra-red emission from a mer-Ru(II) complex: consequences of strong $\pi$ -donation from a neutral, flexible ligand with dual binding modes. <i>Chemical Communications</i> , 2014, 50, 6846.	4.1	39
35	Lanthanoid $\beta^2$ -triketones: a new class of highly efficient NIR emitters for bright NIR-OLEDs. <i>Chemical Communications</i> , 2014, 50, 11580-11582.	4.1	39
36	A Smorgasbord of 17 Cobalt Complexes Active for Photocatalytic Hydrogen Evolution. <i>Chemistry - A European Journal</i> , 2018, 24, 9820-9832.	3.3	39

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37	Dependence of complex structure on ligand conformation in palladium(II) complexes of the crown thioether ligands 2,5,8-trithia[9]-o-benzenophane (TT[9]OB) and 2,5,8-trithia[9]-m-benzenophane (TT[9]MB). Structures of PdCl <sub>2</sub> (TT[9]OB).cndot.DMSO and PdCl <sub>2</sub> (TT[9]MB). <i>Inorganic Chemistry</i> , 1991, 30, 4644-4647.	4.0	37
38	Tuning the Excited-State Energy of the Organic Chromophore in Bichromophoric Systems Based on the Rull Complexes of Tridentate Ligands. <i>Chemistry - A European Journal</i> , 2007, 13, 2837-2846.	3.3	37
39	Double-Decker Coordination Cages. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 2816-2827.	2.0	37
40	Photocatalytic Hydrogen Evolution Driven by a Heteroleptic Ruthenium(II) Bis(terpyridine) Complex. <i>Inorganic Chemistry</i> , 2019, 58, 9127-9134.	4.0	37
41	Toward high nuclearity ruthenium complexes: creating new binding sites in metal complexes. <i>Chemical Communications</i> , 2000, , 819-820.	4.1	36
42	New dinuclear Ru(II) complexes containing free chelating polypyridine sites within the bridging ligands: absorption spectra, luminescence properties, redox behavior and sensing properties Electronic supplementary information (ESI) available: Absorption spectra of complexes 1 and 2 in the presence and absence of acetic acid. See <a href="http://www.rsc.org/suppdata/pp/b2/b206362j/">http://www.rsc.org/suppdata/pp/b2/b206362j/</a> . <i>Photochemical and Photobiological Sciences</i> , 2002, 1, 982.	2.9	35
43	Azadipyromethene Dye Derivatives in Coordination Chemistry: the Structure-Property Relationship in Homoleptic Metal(II) Complexes. <i>Inorganic Chemistry</i> , 2012, 51, 12132-12141.	4.0	33
44	Red-Emitting [Ru(bpy) <sub>2</sub> (N-N)] <sup>2+</sup> Photosensitizers: Emission from a Ruthenium(II) to 2,2'-Bipyridine <sup>3</sup> MLCT State in the Presence of Neutral Ancillary $\sigma$ -Super Donor-Ligands. <i>Inorganic Chemistry</i> , 2014, 53, 1679-1689.	4.0	33
45	Reversible Mechanical Interlocking of D-Shaped Molecular Karabiners bearing Coordination-Bond Loaded Gates: Route to Self-Assembled [2]Catenanes. <i>Chemistry - A European Journal</i> , 2015, 21, 15174-15187.	3.3	33
46	Blue-Emissive Cobalt(III) Complexes and Their Use in the Photocatalytic Trifluoromethylation of Polycyclic Aromatic Hydrocarbons. <i>Angewandte Chemie</i> , 2018, 130, 8159-8163.	2.0	33
47	The Structural and Functional Roles of Rhodium(II)-Rhodium(II) Dimers in Multinuclear Ruthenium(II) Complexes. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 4881-4884.	13.8	32
48	Synthesis and Photophysical Properties of 3,8-Disubstituted 1,10-Phenanthrolines and Their Ruthenium(II) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 4962-4971.	2.0	32
49	Active repair of a dinuclear photocatalyst for visible-light-driven hydrogen production. <i>Nature Chemistry</i> , 2022, 14, 500-506.	13.6	32
50	Dynamic Behavior in Diplatinum Metalloreceptors. <i>Inorganic Chemistry</i> , 2002, 41, 4987-4989.	4.0	31
51	Trifluoromethyl-Substituted Iridium(III) Complexes: From Photophysics to Photooxidation of a Biological Target. <i>Inorganic Chemistry</i> , 2018, 57, 1356-1367.	4.0	29
52	The effect of steric hindrance on the Fe(II) complexes of triazine-containing ligands. <i>Polyhedron</i> , 2008, 27, 493-501.	2.2	27
53	Hydrogen Photoevolution from a Green-Absorbing Iridium(III)-Cobalt(III) Dyad. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 1779-1783.	2.0	27
54	Self-Assembled Molecular Squares as Supramolecular Tectons. <i>Crystal Growth and Design</i> , 2018, 18, 2016-2030.	3.0	27

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55	Synthesis of a Novel Series of 6,6'-Disubstituted 4,4'-Bipyrimidines by Radical Anion Coupling: New $\pi$ -Accepting Ligands for Coordination Chemistry. <i>European Journal of Organic Chemistry</i> , 2005, 2005, 3775-3780.	2.4	25
56	Synthesis and crystal structure of a rare square-planar Co(II) complex of a hydroxyamidinate ligand. <i>Dalton Transactions</i> , 2011, 40, 1038-1040.	3.3	25
57	Facile One-Pot Synthesis of Ruthenium(II) Quaterpyridine-Based Photosensitizers for Photocatalyzed Hydrogen Production. <i>Inorganic Chemistry</i> , 2017, 56, 9515-9524.	4.0	25
58	Photophysical properties of a dinuclear rack-type Ru(II) complex and of its components. <i>Chemical Physics Letters</i> , 1995, 243, 102-107.	2.6	24
59	Synthesis, photophysics, and electrochemistry of thiophene-pyridine and thiophene-pyrimidine dyad comonomers. <i>Canadian Journal of Chemistry</i> , 2010, 88, 236-246.	1.1	24
60	Lanthanoid/Alkali Metal $\beta$ -diketonate Assemblies: A Robust Platform for Efficient NIR Emitters. <i>Chemistry - A European Journal</i> , 2015, 21, 18354-18363.	3.3	24
61	Red Phosphorescence in Ru(II) Complexes of a Tridentate N-Heterocyclic Carbene Ligand Incorporating Tetrahydropyrimidine. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 39-44.	2.0	23
62	Synthesis of discrete Re(I) di- and tricarbonyl assemblies using a [4 Å <sup>-1</sup> ] directional bonding strategy. <i>Dalton Transactions</i> , 2015, 44, 41-45.	3.3	23
63	Controlling the emission efficiency of blue-green iridium(III) phosphorescent emitters and applications in solution-processed organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2016, 4, 8939-8946.	5.5	23
64	Visible and Near-IR Emissions from $\text{Re}(\text{N}^3\text{C})_2$ and $\text{Re}(\text{N}^3\text{C})_3$ Terpyridine Rhenium(I) Assemblies Obtained by an [N-1] Head-to-Tail Bonding Strategy. <i>Chemistry - A European Journal</i> , 2017, 23, 6370-6379.	3.3	23
65	Neutral Re(I) complexes for anion sensing. <i>Supramolecular Chemistry</i> , 2012, 24, 595-603.	1.2	21
66	Copper catalysts for photo- and electro-catalytic hydrogen production. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 1015-1029.	6.0	21
67	Coll Complexes of Triazine-Based Tridentate Ligands with Positive and Attractive Coll/III Redox Couples. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 1223-1226.	2.0	20
68	Enhanced stereoselectivity in a di-Ru(II) complex of an achiral bis-bidentate ligand. <i>Chemical Communications</i> , 2014, 50, 3303-3305.	4.1	20
69	Self-assembly of supramolecular triangles with neutral trans-PdCl <sub>2</sub> directing units. <i>RSC Advances</i> , 2014, 4, 21262.	3.6	20
70	Geometry and Spin Change at the Heart of a Cobalt(II) Complex: A Special Case of Solvatomorphism. <i>Chemistry - A European Journal</i> , 2015, 21, 9474-9481.	3.3	20
71	Metalation of the crown thioether ligand 2,6,10-trithia[11]-m-cyclophane (TT[11]MC). Synthesis, structure, and reactivity of [Pt(TT[11]MC)][BF <sub>4</sub> ] and structures of [Pt(PPh <sub>2</sub> Me)(TT[11]MC)][BF <sub>4</sub> ] and [Pt <sub>2</sub> (TT[11]MC)][BF <sub>4</sub> ]. <i>Organometallics</i> , 1992, 11, 3063-3068.	2.3	19
72	A heptanuclear light-harvesting metal-based antenna dendrimer with six Ru(II)-based chromophores directly powering a single Os(II)-based energy trap. <i>Dalton Transactions</i> , 2016, 45, 19238-19241.	3.3	19

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73	Self-Assembly of Cyclohelicate [M <sub>3</sub> L <sub>3</sub> ] Triangles Over [M <sub>4</sub> L <sub>4</sub> ] Squares, Despite Near-Linear Bis-terdentate L and Octahedral M. Chemistry - A European Journal, 2017, 23, 14193-14199.	3.3	19
74	Photo-Induced Assembly of a Luminescent Tetra-ruthenium Square. Chemistry - A European Journal, 2017, 23, 16497-16504.	3.3	19
75	Design and photophysical studies of iridium(III)-cobalt(III) dyads and their application for dihydrogen photo-evolution. Dalton Transactions, 2019, 48, 15567-15576.	3.3	19
76	Enhancing the photophysical properties of Ru(II) complexes by specific design of tridentate ligands. Coordination Chemistry Reviews, 2021, 446, 214127.	18.8	19
77	Synthesis and properties of red emitter Ru(II) complexes based on 6,6-disubstituted-4,4-bipyrimidine. Inorganica Chimica Acta, 2006, 359, 766-774.	2.4	18
78	Paramagnetic Ru(III) complexes of tridentate ligands: Characterization of useful intermediates for heteroleptic Ru(II) complexes. Inorganic Chemistry Communication, 2011, 14, 399-402.	3.9	18
79	Structural, electrochemical and photophysical investigations of Re(I)-complexes of P <sub>3</sub> N-tridentate heterocyclic ligands. Dalton Transactions, 2014, 43, 11811.	3.3	18
80	Stereoselective formation of a meso-diruthenium(II,II) complex and tuning the properties of its monoruthenium analogues. Dalton Transactions, 2014, 43, 6567.	3.3	18
81	A Bisamide Ruthenium Polypyridyl Complex as a Robust and Efficient Photosensitizer for Hydrogen Production. ChemSusChem, 2017, 10, 4436-4441.	6.8	18
82	Alkyl chain length effects on double-deck assembly at a liquid/solid interface. Nanoscale, 2018, 10, 14993-15002.	5.6	18
83	The multichromophore approach: A case of temperature controlled switching between single and dual emission in Ru(II) polypyridyl complexes. Inorganica Chimica Acta, 2007, 360, 876-884.	2.4	16
84	Changing the Role of 2,2-Bipyridine from Secondary Ligand to Protagonist in [Ru(bpy) <sub>2</sub> (N <sup>-</sup> N)] <sup>2+</sup> -Complexes: Low-Energy, Red Emission from a Ruthenium(II)-to-2,2-Bipyridine <sup>3</sup> MLCT State. Inorganic Chemistry, 2011, 50, 7-9.	4.0	16
85	Converging Energy Transfer in Polynuclear Ru(II) Multiterpyridine Complexes: Significant Enhancement of Luminescent Properties. Inorganic Chemistry, 2018, 57, 2639-2653.	4.0	16
86	Ultrafast charge transfer excited state dynamics in trifluoromethyl-substituted iridium(III) complexes. Physical Chemistry Chemical Physics, 2018, 20, 27256-27260.	2.8	16
87	Heteroleptic ruthenium(II) complexes based on 6,6-disubstituted 4,4-bipyrimidines: New room temperature red-emitting species. Inorganic Chemistry Communication, 2005, 8, 559-563.	3.9	15
88	Spanning Pairs of Rh <sub>2</sub> (acetate) <sub>4</sub> Units with Ru(II) Complexes. Inorganic Chemistry, 2008, 47, 6112-6114.	4.0	15
89	Diimine Triscarbonyl Re(I) of Isomeric Pyridyl-fulvene Ligands: an Electrochemical, Spectroscopic, and Computational Investigation. Inorganic Chemistry, 2012, 51, 12738-12747.	4.0	15
90	One- and two-dimensional polymerisation of homoleptic M(II)-complexes of 4-(3-pyridyl)-2,2,6,6-terpyridine in the solid state: A combined study by XRD, cyclic voltammetry, NMR and UV-Vis spectroscopies. Inorganica Chimica Acta, 2014, 418, 15-22.		15

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91	Influence of Ligand Substitution Pattern on Structure in Cobalt(II) Complexes of Bulky $N,N'$ -Diaryldiarylfamimidate $N,N'$ -Oxides. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 73-82.	2.0	15
92	Synthesis and properties of Re(I) tricarbonyl complexes of 6,6'-disubstituted-4,4'-bipyrimidines with high energy excited states suitable for incorporation into polynuclear arrays. <i>Inorganica Chimica Acta</i> , 2006, 359, 2599-2607.	2.4	14
93	Unusual Photooxidation of S-Bonded Mercaptopyridine in a Mixed Ligand Ruthenium(II) Complex with Terpyridine and Bipyridine Ligands. <i>Inorganic Chemistry</i> , 2018, 57, 4898-4905.	4.0	14
94	Substituted 2,4-Di(pyridin-2-yl)pyrimidine-Based Ruthenium Photosensitizers for Hydrogen Photoevolution under Red Light. <i>Inorganic Chemistry</i> , 2021, 60, 292-302.	4.0	14
95	A divergent strategy for covalently-tethered $(tpy)_2Ru(II)$ systems based on $Rh_2(N,N'$ -diphenylbenzamidinate) <sub>4</sub> . <i>Dalton Transactions</i> , 2009, , 3671.	3.3	13
96	Heteroleptic ruthenium bis-terpyridine complexes bearing a 4-(dimethylamino)phenyl donor and free coordination sites for hydrogen photo-evolution. <i>Dalton Transactions</i> , 2019, 48, 15136-15143.	3.3	13
97	Solution and solid-state characterization of a dicopper receptor for large substrates. <i>Canadian Journal of Chemistry</i> , 2002, 80, 496-498.	1.1	12
98	Ru(II) and Zn(II) complexes of multicomponent ligands incorporating triazine-based tridentate ligands. <i>Inorganic Chemistry Communication</i> , 2007, 10, 229-233.	3.9	12
99	Design and Photophysical Studies of Acridine-Based $Ru^{II}$ Complexes for Applications as DNA Photoprobes. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 3649-3658.	2.0	12
100	Probing the effect of $\beta^2$ -triketones in visible and NIR emitting lanthanoid complexes. <i>Dalton Transactions</i> , 2018, 47, 7956-7964.	3.3	12
101	Convenient One-Pot Procedures for the Synthesis of $2,2':6,6'',2''$ -Terpyridine. <i>Synthetic Communications</i> , 2006, 36, 1721-1726.	2.1	10
102	Ruthenium bistridentate complexes with non-symmetrical hexahydro-pyrimidopyrimidine ligands: a structural and theoretical investigation of their optical and electrochemical properties. <i>Dalton Transactions</i> , 2016, 45, 12507-12517.	3.3	10
103	Mimicking $2,2':6,6'',2''$ -quaterpyridine complexes for the light-driven hydrogen evolution reaction: synthesis, structural, thermal and physicochemical characterizations. <i>RSC Advances</i> , 2019, 9, 28153-28164.	3.6	10
104	Design of a [FeFe] macrocyclic metallotecton for light-driven hydrogen evolution reaction. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 2699-2708.	7.1	10
105	In-Depth Study of the Electronic Properties of NIR-Emissive $\beta^3$ -N Terpyridine Rhenium(I) Dicarboxylate Complexes. <i>Inorganic Chemistry</i> , 2021, 60, 70-79.	4.0	10
106	Coordination arrays $\Lambda$ — Synthesis and characterization of tetranuclear complexes of grid-type. <i>Canadian Journal of Chemistry</i> , 2004, 82, 1428-1434.	1.1	9
107	Polymeric structures of a pair of linear, dicarboxylate $(tpy)_2Ru^{2+}$ analogues. <i>Inorganic Chemistry Communication</i> , 2007, 10, 1365-1370.	3.9	9
108	Introducing asymmetry in tetradentate azadipyromethene chromophores: a systematic study of the impact on electronic and photophysical properties. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 22207-22221.	2.8	9

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109	A Facile Route to Substituted Bidentate and Tridentate Ligands Capable of Forming Six-membered Chelate Rings with Transition-Metal Ions. <i>Synlett</i> , 2015, 26, 1408-1412.	1.8	9
110	A Zinc(II) Benzamidinate $\text{N}^{\text{O}}$ -Oxide Complex as an Aggregation-Induced Emission Material: toward Solution-Processable White Organic Light-Emitting Devices. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 4322-4330.	2.0	9
111	Rhodium Amidinate Dimers as Structural and Functional Hubs for Multimetallic Assemblies. <i>Inorganic Chemistry</i> , 2014, 53, 624-636.	4.0	8
112	Long-lived, red-emitting excited state of a Ru(II) complex of a diaminotriazine ligand. <i>Polyhedron</i> , 2016, 108, 100-103.	2.2	8
113	Photodetection of DNA mismatches by dissymmetric Ru(II) acridine based complexes. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 2260-2270.	6.0	8
114	Synthesis, crystal structure, characterization of pyrazine diaminotriazine based complexes and their systematic comparative study with pyridyl diaminotriazine based complexes for light-driven hydrogen production. <i>Polyhedron</i> , 2020, 180, 114412.	2.2	8
115	Synthesis of a halo-methylphenylene periphery-functionalized triazine-based dendritic molecule with a 3,3'-dimethyl-biphenyl linker using tris(halo-methylphenylene)triazines as building blocks. <i>Tetrahedron Letters</i> , 2009, 50, 1851-1854.	1.4	7
116	Palladium(II)-Directed Self-Assembly of a Neutral Molecular Triangle as a Heteroditopic Receptor for Ion Pairs. <i>Inorganic Chemistry</i> , 2014, 53, 10039-10041.	4.0	7
117	Going against the flow: Os(II)-to-Ru(II) energy transfer in rod-like polypyridyl chromophore. <i>Chemical Communications</i> , 2017, 53, 10496-10499.	4.1	7
118	Controlling photocatalytic reduction of $\text{CO}_2$ in Ru(II)/Re(I) dyads via linker oxidation state. <i>Chemical Communications</i> , 2020, 56, 10750-10753.	4.1	7
119	Spectroscopy and electrochemistry of new 6,6'-disubstituted-4,4'-bipyrimidine molybdenum(0) and tungsten(0) tetracarbonyl complexes. <i>Canadian Journal of Chemistry</i> , 2005, 83, 1114-1119.	1.1	6
120	Bis[4-(3,5-dibromophenyl)-2,6-terpyridine]ruthenium(II) bis(hexafluorophosphate) acetonitrile disolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, m1561-m1561.	0.2	6
121	Synthesis and photophysical properties of naphthyl-, phenanthryl-, and pyrenyl-appended bis(pyridyl)triazine ligands and their Zn(II) and Ru(II) complexes. <i>Canadian Journal of Chemistry</i> , 2009, 87, 254-263.	1.1	6
122	Optoelectronic Properties and Structural Effects of the Incremental Addition of Pyridyl Moieties on a Rhodium Dimer. <i>Journal of Physical Chemistry A</i> , 2014, 118, 10340-10352.	2.5	6
123	Proton sensitive charge-transfer excited states in bis-terdentate cyclometalated Ir(III) complexes: Spectroscopic and theoretical investigation. <i>Inorganica Chimica Acta</i> , 2018, 471, 8-16.	2.4	6
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130	Twofac-tricarbonylrhenium(I) azadipyrromethene (ADPM) complexes: ligand-substitution effect on crystal structure. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2015, 71, 122-127.	0.5	4
131	Energy transfer in rhodium-ruthenium dimer-of-dimer assemblies. <i>Inorganica Chimica Acta</i> , 2017, 454, 208-215.	2.4	4
132	N-substituted 2-pyridinecarbothioamides and polypyridyl mixed-ligand cobalt(III)-containing complexes for photocatalytic hydrogen generation. <i>Inorganica Chimica Acta</i> , 2020, 510, 119726.	2.4	4
133	[2,6-Bis(5-chloropyrimidin-2-yl- <sup>15</sup> N)pyridine- <sup>14</sup> N](2,2,6,6-tetrapyridine- <sup>15</sup> N <sub>3</sub> ,N <sub>4</sub> -terpyridine) ruthenium(II) bis(hexafluoridophosphate) acetonitrile disolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, m326-m326.	0.2	4
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135	Two Rull Linkage Isomers with Distinctly Different Charge Transfer Photophysics. <i>Inorganic Chemistry</i> , 2021, 60, 3677-3689.	4.0	3
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138	Electrochemical and Photophysical Study of Homoleptic and Heteroleptic Methylated Ru(II) Bis-terpyridine Complexes. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 2822-2829.	2.0	3
139	5-Phenyl-2-(4-pyridyl)pyrimidine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o584-o584.	0.2	3
140	8-(Diphenylphosphanyl)quinoline. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o2847-o2847.	0.2	2
141	Facile Synthesis of Hydroxyformamidines by the N-Oxidation of Their Corresponding Formamidines. <i>Synlett</i> , 2011, 2011, 405-409.	1.8	2
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146	Diethyl 4-(4-tert-butylphenyl)pyridine-2,6-dicarboxylate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o2560-o2562.	0.2	1
147	4-Bromo-N,N'-bis(4-methoxyphenyl)benzamidine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, o2777-o2777.	0.2	1
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150	ToF-SIMS study of selective anchoring of Ru(tpy) <sub>2</sub> complexes on zirconium-phosphate functionalized oxide surfaces. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2020, 38, .	1.2	1
151	Synthesis, structure, and hydrogen evolution studies of a heteroleptic Co(III) complex. <i>Inorganica Chimica Acta</i> , 2021, 517, 120195.	2.4	1
152	<i>N</i> <sup>1</sup> , <i>N</i> <sup>2</sup> -Bis(2,6-dimethylphenyl)- <i>N</i> <sup>1</sup> -hydroxyformamidine- <i>N</i> , <i>N</i> '-dichloromethane solvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, o2485-o2485.	0.2	1
153	4-Bromo-N-phenylbenzamidoxime. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, o2820-o2820.	0.2	1
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155	(N-Phenylimino)bis[phosphonic bis(diphenylamide)]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o4428-o4428.	0.2	0
156	Bis(2,2'-bipyridine)(5-isothiocyanato-1,10-phenanthroline)ruthenium(II) bis(hexafluoridophosphate) acetonitrile solvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, m1184-m1184.	0.2	0