

# Akitaka Ito

## List of Publications by Year in Descending Order

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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.

67

papers

1,537

citations

21

h-index

38

g-index

73

ext. papers

1,717

ext. citations

5.2

avg, IF

4.73

L-index

#	Paper	IF	Citations
67	Development of a synthetic equivalent of piperidonic acetic acid leading to unnatural amino acid derivatives tetrafunctionalized methanes.. <i>Organic and Biomolecular Chemistry</i> , <b>2022</b> ,	3.9	2
66	Excited-state dynamics of luminescent transition metal complexes with metallophilic and donor-acceptor interactions. <i>Coordination Chemistry Reviews</i> , <b>2022</b> , 467, 214610	23.2	0
65	Multinuclear Ag Clusters Sandwiched by Pt Complex Units: Fluxional Behavior and Chiral-at-Cluster Photoluminescence. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 10749-10755	3.6	2
64	Multinuclear Ag Clusters Sandwiched by Pt Complex Units: Fluxional Behavior and Chiral-at-Cluster Photoluminescence. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 10654-10660	16.4	9
63	A Heteropolynuclear Pt-Ag System Having Cycloplatinated Rollover Bipyridyl Units. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 1513-1522	5.1	3
62	Innenrücktitelbild: Multinuclear Ag Clusters Sandwiched by Pt Complex Units: Fluxional Behavior and Chiral-at-Cluster Photoluminescence (Angew. Chem. 19/2021). <i>Angewandte Chemie</i> , <b>2021</b> , 133, 11095-11095	3.6	11095
61	Metal-Free and syn-Selective Hydrohalogenation of Alkynes through a Pseudo-Intramolecular Process. <i>European Journal of Organic Chemistry</i> , <b>2021</b> , 2021, 5747	3.2	1
60	Bridging-arylene effects on spectroscopic and photophysical properties of arylborane-dipyrrinato zinc(ii) complexes.. <i>RSC Advances</i> , <b>2021</b> , 11, 6259-6267	3.7	
59	Synthesis and intramolecular ring transformation of N,NSDialkylated 2,6,9-triazabicyclo[3.3.1]nonadienes. <i>Organic and Biomolecular Chemistry</i> , <b>2020</b> , 18, 9109-9116	3.9	1
58	Stereoisomers of Homoleptic Dipyrrinatoplatinum(II) Complexes Having Arylborane Charge-transfer Substituents: Synthesis, Characterization and Spectroscopic Properties. <i>Chemistry Letters</i> , <b>2020</b> , 49, 905-908	1.7	1
57	A Small All-in-One Photon-Counting Device for Measuring Luminescence Decays to Determine the Lifetimes of Photoexcited Materials. <i>Journal of Chemical Education</i> , <b>2020</b> , 97, 300-304	2.4	2
56	Structural diversification of bola-amphiphilic glycolipid-type supramolecular hydrogelators exhibiting colour changes along with the gel-sol transition. <i>Soft Matter</i> , <b>2020</b> , 16, 7274-7278	3.6	4
55	Electron-transfer behaviors between photoexcited metal complex and methyl viologen codoped in ionic nanospheres. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2020</b> , 401, 112771	4.7	1
54	Synthesis and photophysical properties of butterfly-shaped dinuclear Pt(II) complex having NHC-based chelate ligands. <i>Inorganica Chimica Acta</i> , <b>2019</b> , 493, 43-48	2.7	8
53	Anion-Capture-Induced Fluorescence Enhancement of Bis(cyanostyryl)pyrrole Based on Restricted Access to a Conical Intersection. <i>Bulletin of the Chemical Society of Japan</i> , <b>2019</b> , 92, 1807-1815	5.1	7
52	Electrochemical and Spectroscopic Behaviors of a Novel Ruthenium(II) Complex with a Six-Membered Chelate Structure. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 10436-10443	5.1	5
51	Controlling the Electronic Structures and Excited-State Characteristics of Dipyrrinatoiridium(III) Complexes by an Arylborane or an Arylamino Unit. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 14542-14550	5.1	7

50	Synthesis and Photoluminescence of Tetracyanonitridorhenium(V) Complexes with Five-Membered N-Heteroaromatic Ligands and Photoluminescence-Intensity Change. <i>ACS Omega</i> , <b>2019</b> , 4, 21251-21259	3.9	5
49	U- to Z-shape isomerization in a PtAg framework containing pyridyl-NHC ligands. <i>Dalton Transactions</i> , <b>2018</b> , 47, 7113-7117	4.3	9
48	Emission Tuning of Heteroleptic Arylborane-Ruthenium(II) Complexes by Ancillary Ligands: Observation of Strickler-Berg-Type Relation. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 9055-9066	5.1	8
47	Photophysical dynamics of the efficient emission and photosensitization of [Ir(pqi)(NN)] complexes. <i>Dalton Transactions</i> , <b>2018</b> , 47, 1179-1188	4.3	12
46	Substrate switchable Suzuki-Miyaura coupling for benzyl ester benzyl halide.. <i>RSC Advances</i> , <b>2018</b> , 8, 35056-35061	3.7	7
45	Low-Energy and Long-Lived Emission from Polypyridyl Ruthenium(II) Complexes Having A Stable-Radical Substituent. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 3794-3808	5.1	11
44	Characteristic Spectroscopic and Photophysical Properties of Tricarbonyl Rhenium(I) Complexes Having Multiple Arylborane Charge Transfer Units. <i>Bulletin of the Chemical Society of Japan</i> , <b>2017</b> , 90, 574-585	5.1	9
43	Zero-Magnetic-Field Splitting in the Excited Triplet States of Octahedral Hexanuclear Molybdenum(II) Clusters: [Mo <sub>6</sub> X(n-CFCOO)] (X = Cl, Br, or I). <i>Journal of Physical Chemistry A</i> , <b>2017</b> , 121, 7148-7156	2.8	10
42	Bright and Long-Lived Emission from a Starburst-Type Arylborane-Appended Polypyridyl Ruthenium(II) Complex. <i>European Journal of Inorganic Chemistry</i> , <b>2017</b> , 2017, 3794-3798	2.3	7
41	Excited-state Dynamics and Spin-exchange Coupling of Anthracene-Verdazyl Radical in Frozen Glass Matrix Investigated by Transient Absorption Spectroscopy. <i>Chemistry Letters</i> , <b>2016</b> , 45, 1324-1326	1.7	7
40	Photostability enhancement of the pentacene derivative having two nitronyl nitroxide radical substituents. <i>Chemical Communications</i> , <b>2016</b> , 52, 2889-92	5.8	24
39	Fluorescence behaviour of an anthracene-BODIPY system affected by spin states of a dioxolene-cobalt centre. <i>Dalton Transactions</i> , <b>2016</b> , 45, 10165-72	4.3	7
38	Synthetic Tuning of Redox, Spectroscopic, and Photophysical Properties of {Mo <sub>6</sub> I <sub>8</sub> } <sup>4+</sup> Core Cluster Complexes by Terminal Carboxylate Ligands. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 8437-45	5.1	79
37	Dual emissions from ruthenium(II) complexes having 4-arylethynyl-1,10-phenanthroline at low temperature. <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 3245-52	5.1	8
36	Diimine ligand structure effects on photophysical properties of tricarbonyl rhenium(I) complexes having arylborane charge transfer units. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2015</b> , 313, 107-116	4.7	9
35	Polypyridyl Ru(II)-derivatized polypropylacrylate polymer with a terminal water oxidation catalyst. Application of reversible addition-fragmentation chain transfer polymerization. <i>Dalton Transactions</i> , <b>2015</b> , 44, 8640-8	4.3	13
34	Remarkably Intense Emission from Ruthenium(II) Complexes with Multiple Borane Centers. <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 10287-95	5.1	16
33	Molecular-engineered [Ir(Fppy) <sub>2</sub> (Mepic)] towards efficient blue-emission. <i>New Journal of Chemistry</i> , <b>2015</b> , 39, 6367-6376	3.6	15

32	Excited-state dynamics of pentacene derivatives with stable radical substituents. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 6715-9	16.4	38
31	Rigid medium effects on photophysical properties of MLCT excited states of polypyridyl Os(II) complexes in polymerized poly(ethylene glycol)dimethacrylate monoliths. <i>Journal of Physical Chemistry A</i> , <b>2014</b> , 118, 10326-32	2.8	18
30	Long-range photoinduced electron transfer dynamics in rigid media. <i>Physical Chemistry Chemical Physics</i> , <b>2014</b> , 16, 4880-91	3.6	8
29	Synthetic control of spectroscopic and photophysical properties of triarylborane derivatives having peripheral electron-donating groups. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 3940-53	4.8	31
28	Controlled electropolymerization of ruthenium(II) vinylbipyridyl complexes in mesoporous nanoparticle films of TiO <sub>2</sub> . <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 4872-6	16.4	25
27	Blue-green iridium(III) emitter and comprehensive photophysical elucidation of heteroleptic cyclometalated iridium(III) complexes. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 4089-99	5.1	95
26	Controlled Electropolymerization of Ruthenium(II) Vinylbipyridyl Complexes in Mesoporous Nanoparticle Films of TiO <sub>2</sub> . <i>Angewandte Chemie</i> , <b>2014</b> , 126, 4972-4976	3.6	7
25	Innenrücktitelbild: Controlled Electropolymerization of Ruthenium(II) Vinylbipyridyl Complexes in Mesoporous Nanoparticle Films of TiO <sub>2</sub> (Angew. Chem. 19/2014). <i>Angewandte Chemie</i> , <b>2014</b> , 126, 5077-5077	3.6	7
24	Photophysical Properties of Transition Metal Complexes under Rigid Environments. <i>Bulletin of Japan Society of Coordination Chemistry</i> , <b>2014</b> , 63, 46-48	0.3	
23	Excited-State Dynamics of Pentacene Derivatives with Stable Radical Substituents. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 6833-6837	3.6	6
22	Innenrücktitelbild: Excited-State Dynamics of Pentacene Derivatives with Stable Radical Substituents (Angew. Chem. 26/2014). <i>Angewandte Chemie</i> , <b>2014</b> , 126, 6945-6945	3.6	1
21	Soluble reduced graphene oxide sheets grafted with polypyridylruthenium-derivatized polystyrene brushes as light harvesting antenna for photovoltaic applications. <i>ACS Nano</i> , <b>2013</b> , 7, 7992-8002	16.7	35
20	Rapid energy transfer in non-porous metal-organic frameworks with caged Ru(bpy) <sub>3</sub> <sup>2+</sup> chromophores: oxygen trapping and luminescence quenching. <i>Journal of Materials Chemistry A</i> , <b>2013</b> , 1, 14982	13	57
19	Atom transfer radical polymerization preparation and photophysical properties of polypyridylruthenium derivatized polystyrenes. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 8511-20	5.1	17
18	Excited-state characteristics of tetracyanonitridorhenium(V) and -technetium(V) complexes with N-heteroaromatic ligands. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 6319-27	5.1	21
17	[Ru(bpy) <sub>3</sub> ] <sup>2+</sup> and other remarkable metal-to-ligand charge transfer (MLCT) excited states. <i>Pure and Applied Chemistry</i> , <b>2013</b> , 85, 1257-1305	2.1	198
16	Accumulation of multiple oxidative equivalents at a single site by cross-surface electron transfer on TiO <sub>2</sub> . <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 11587-94	16.4	60
15	Excited-state dynamics in rigid media: evidence for long-range energy transfer. <i>Journal of Physical Chemistry B</i> , <b>2013</b> , 117, 3428-38	3.4	27

14	Sensitization of ultra-long-range excited-state electron transfer by energy transfer in a polymerized film. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 15132-5	11.5	14
13	Photoluminescence switching with changes in the coordination number and coordinating volatile organic compounds in tetracyanonitridorhenium(V) and -technetium(V) complexes. <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 12065-74	5.1	24
12	Dynamic emission quenching of a novel ruthenium(II) complex by carbon dioxide in solution. <i>RSC Advances</i> , <b>2012</b> , 2, 1296-1298	3.7	1
11	Structure-Property Relationships in Phosphonate-Derivatized, RuII Polypyridyl Dyes on Metal Oxide Surfaces in an Aqueous Environment. <i>Journal of Physical Chemistry C</i> , <b>2012</b> , 116, 14837-14847	3.8	145
10	The Golden Rule. Application for fun and profit in electron transfer, energy transfer, and excited-state decay. <i>Physical Chemistry Chemical Physics</i> , <b>2012</b> , 14, 13731-45	3.6	120
9	Photophysical and photoredox characteristics of a novel tricarbonyl rhenium(I) complex having an arylborane-appended aromatic diimine ligand. <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 7722-32	5.1	37
8	Long-lived and temperature-independent emission from a novel ruthenium(II) complex having an arylborane charge-transfer unit. <i>Inorganic Chemistry</i> , <b>2011</b> , 50, 1603-13	5.1	35
7	Direct observation of a {Re6(β-S)8} core-to-ligand charge-transfer excited state in an octahedral hexarhenium complex. <i>Inorganic Chemistry</i> , <b>2011</b> , 50, 9918-20	5.1	25
6	Bright Green-phosphorescence from Metal-to-boron Charge-transfer Excited State of a Novel Cyclometalated Iridium(III) Complex. <i>Chemistry Letters</i> , <b>2011</b> , 40, 34-36	1.7	21
5	Extremely large dipole moment in the excited singlet state of tris{[p-(N,N-dimethylamino)phenylethynyl]duryl}borane. <i>Journal of Physical Chemistry A</i> , <b>2010</b> , 114, 9144-50	2.8	45
4	A ratiometric TICT-type dual fluorescent sensor for an amino acid. <i>Physical Chemistry Chemical Physics</i> , <b>2010</b> , 12, 6641-9	3.6	33
3	A new hexanuclear rhenium cluster complex with six terminal acetate ligands: Synthesis, structure, and properties of K4[Re6S8(CH3COO)6]·BH2O. <i>Inorganica Chimica Acta</i> , <b>2010</b> , 363, 2686-2691	2.7	32
2	The first octahedral cluster complexes with terminal formate ligands: synthesis, structure, and properties of K4[Re6S8(HCOO)6] and Cs4[Re6S8(HCOO)6]. <i>Inorganic Chemistry</i> , <b>2009</b> , 48, 2309-15	5.1	49
1	Unusual ligand substitution of a metal-organic framework with distorted metal-ligand coordination. <i>CrystEngComm</i> ,	3.3	0