Take-aki Koizumi

List of Publications by Year
in descending order

87	1,966	201674 27	276875 41
papers	citations	h-index	g-index

94	94	94	1851
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Digold(I) Thianthrenyl Complexes. Effect of Diphosphine Ligands on Molecular Structures in the Solid State and in Solution. ACS Omega, 2022, 7, 9594-9601.	3.5	3
2	Ferrocene-Containing Pseudorotaxanes in Crystals: Aromatic Interactions with Hammett Correlation. Molecules, 2022, 27, 1745.	3.8	0
3	Further investigations of the crystal-to-crystal phase transition of a [2]pseudorotaxane composed of ferrocene-terminated dialkylammonium and dibenzo[24]crown-8-ether. CrystEngComm, 2021, 23, 5944-5952.	2.6	2
4	Effect of bulky 2,6-bis(spirocyclohexyl)-substituted piperidine rings in bis(hindered amino)trisulfide on thermal healability of polymethacrylate networks. Materials Advances, 2021, 2, 7709-7714.	5.4	6
5	Preparation and Electrochemical Behavior of Quinoxalineâ€Bridged Diphenylamines. ChemistrySelect, 2021, 6, 5441-5445.	1.5	2
6	Preparation and Comparison of Chemical Properties of Phenazasiline Monomer, Dimer, Trimer, and Polymer. ChemistrySelect, 2020, 5, 11961-11967.	1.5	5
7	Use of Bis(2,2,6,6-tetramethylpiperidin-1-yl)trisulfide as a Dynamic Covalent Bond for Thermally Healable Cross-Linked Polymer Networks. ACS Applied Polymer Materials, 2020, 2, 4054-4061.	4.4	16
8	Structure and Properties of Lanternâ€Shaped Hexapalladium Complexes with Germylene and Thiolate Ligands [Pd₆(Âµâ€GePh₂)₂(Âµâ€SC₆H₄â€pâ€X)₂(CNâ€C (X = NO₂, Cl, H, CH₃). European Journal of Inorganic Chemistry, 2020, 2020, 2253-2259.	2.3	3
9	Bimolecular fusion of [Pd₃(Î¼-CN-C₆H₃Me₂-2,6)₃(CN-C₆H₃Me induced by Ph₂GeH₂: formation of the redox-active Pd₆Ge₂ complex. Dalton Transactions, 2019, 48, 7541-7545.	3.3	4
10	Electrochemical behavior of a Rh(pentamethylcyclopentadienyl) complex bearing an NAD⁺/NADH-functionalized ligand. Dalton Transactions, 2018, 47, 5207-5216.	3.3	2
11	Preparation and Electrochemical Behavior of N-Substituted Phenothiazine Oxide. Heterocycles, 2016, 92, 1441.	0.7	11
12	Synthesis, structure, and electrochemical behavior of a new dinuclear Rh(III) complex bridged by a bppâ¯ ligand (bppâ¯= 3,5-bis(2-pyridyl)pyrazolate). Inorganic Chemistry Communication, 2016, 67, 25-28.	3.9	2
13	Crystal structure of 1,13,14-triazadibenz[a,j]anthracene 1,1,2,2-tetrachloroethane monosolvate. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, 681-683.	0.5	0
14	Synthesis and Dynamic Behavior of an Anthyridine-Ligated Ruthenium Complex. Inorganic Chemistry, 2014, 53, 10788-10790.	4.0	1
15	[Ru(bpy) 2 (bqdiBr 2)](PF 6) 2 bearing a 3,6-dibromo-1,2-benzoquinone diimine ligand (bqdiBr 2 = Br-C 6 H) Tj ETQq1 1 0.784314 rg BT acids. Inorganica Chimica Acta, 2014, 421, 427-432.	2.4	2
16	Preparation of new polysulfones with â€“Oâ€“(CH2)3â€“SO3H side chains. European Polymer Journal, 2014, 55, 179-185.	5.4	4
17	Preparation and chemical properties of Ï€-conjugated poly(1,10-phenanthroline-3,8-diyl)s with crown ether subunits. Reactive and Functional Polymers, 2014, 82, 9-16.	4.1	2
18	1,4â€Diiodobenzene with â€“COOâ€“TEMPO (TEMPOâ€‰=â€‰2,2,6,6â€tetramethylpiperidineâ€1â€oxylâ€4â€yl) substituents at 2,5â€positions: synthesis and use as a monomer for new Ï€â€conjugated polymers having nitroxyl radicals in side chains. Polymers for Advanced Technologies, 2013, 24, 927-933.	3.2	2

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19	Preparation of Ï€-conjugated polymers consisting of 1-aminopyrrole and 4-amino-1,2,4-triazole units. Reactive and Functional Polymers, 2013, 73, 1180-1187.	4.1	4
20	Ligand Modification of Cyclometalated Ruthenium Complexes in the Aerobic Oxidative Dehydrogenation of Imidazolines. ACS Catalysis, 2013, 3, 812-816.	11.2	18
21	Copolymers of pyrrole with N-alkynylpyrroles. Synthetic Metals, 2012, 162, 2406-2413.	3.9	4
22	Preparation of dibromopyridines having â€“(CH2)mâ€“SO3Na groups as monomers for new polypyridines. Tetrahedron Letters, 2012, 53, 5907-5910.	1.4	3
23	Preparation of poly(2-pyridone-3,5-diyl)s with â€“(CH2)4â€“SO3M (MÂ= H or Na) side chains. Polymer, 2012, 53, 5995-5999.	3.8	1
24	Aerobic oxidative dehydrogenation of benzyl alcohols to benzaldehydes by using a cyclometalated ruthenium catalyst. Tetrahedron Letters, 2012, 53, 3573-3576.	1.4	23
25	Deprotonation/protonation of coordinated secondary thioamide units of pincer ruthenium complexes: Modulation of voltammetric and spectroscopic characterization of the pincer complexes. Dalton Transactions, 2011, 40, 8879.	3.3	27
26	Synthesis and Chemical Properties of Ï€-Conjugated Poly(9,10-dialkyl-9,10-dihydrophenanthrene-2,7-diyl) and a Related Polymer. Chemistry Letters, 2011, 40, 282-284.	1.3	5
27	Synthesis of Inclusion Compounds of Brâ€“Thâ€“Pyâ€“Br and (RO)2Bâ€“Thâ€“Pyâ€“Br (Th: Thiophene-2,5-diyl; Py:) Tj ETQq1 1 0.784	3.2	1
28	Synthesis and characterization of new Ï€â€conjugated polymers containing 1,8â€naphthyridine in the main chain: Role of the 1,8â€naphthyridine unit in Ï€â€conjugated polymers. Journal of Polymer Science Part A, 2011, 49, 4204-4212.	2.3	1
29	Ï€â€Conjugated Polymers Consisting of 9,10â€Dihydrophenanthrene Units. Macromolecular Chemistry and Physics, 2011, 212, 2406-2416.	2.2	4
30	Synthesis, chemical properties, and electrochemical behavior of a Pt(II) complex bearing a benzenediamide-derived ligand. Inorganic Chemistry Communication, 2011, 14, 292-295.	3.9	4
31	Changes in redox potential of a nickel-pincer complex bearing reactive secondary thioamide units: Changes caused by deprotonation/protonation reactions on addition of NEt3 and DBU. Inorganic Chemistry Communication, 2011, 14, 836-838.	3.9	11
32	The catalytic activity of a cyclometalated ruthenium(III) complex for aerobic oxidative dehydrogenation of benzylamines. Journal of Organometallic Chemistry, 2011, 696, 1301-1304.	1.8	28
33	Cyclometalated platinum(II) complexes bearing o-phenylenediamine derivatives: Synthesis and electrochemical behavior. Journal of Organometallic Chemistry, 2011, 696, 1232-1235.	1.8	5
34	Synthesis of Bis(phenazasiline) Compounds and Their Application for TFT as a Model of Phenazasiline-Containing Polymers. Bulletin of the Chemical Society of Japan, 2010, 83, 1282-1284.	3.2	18
35	Oxidative Dehydrogenation Promoted by Cyclometalated Ruthenium Complexes. Bulletin of Japan Society of Coordination Chemistry, 2010, 56, 14-23.	0.2	4
36	Aerobic Oxidative Dehydrogenation of 2â€Substituted Imidazolines Promoted by a Cyclometalated Ruthenium Catalyst. ChemCatChem, 2010, 2, 58-60.	3.7	20

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37	Nickel(II) complexes bearing a pincer ligand containing thioamide units: Comparison between SNS- and SCS-pincer ligands. Inorganica Chimica Acta, 2010, 363, 2474-2480.	2.4	38
38	Aerobic oxidative dehydrogenation of benzylamines catalyzed by a cyclometalated ruthenium complex. Tetrahedron Letters, 2010, 51, 6457-6459.	1.4	49
39	Metal Complexes of Ï€-Conjugated Polymers. Journal of Inorganic and Organometallic Polymers and Materials, 2009, 19, 3-11.	3.7	27
40	Synthesis and Chemical Properties of Poly(N-substituted diphenylamine-4,4â€²-diyl)s. Polymer Journal, 2009, 41, 810-815.	2.7	7
41	Preparation of Head-to-Head Type Substituted Polyacetylenes by Organometallic Polycondensation. Macromolecules, 2009, 42, 3207-3210.	4.8	8
42	Highly Coplanar Polythiophenes with â€“Câ‰¡CR Side Chains: Self-Assembly, Linear and Nonlinear Optical Properties, and Piezochromism. Bulletin of the Chemical Society of Japan, 2009, 82, 896-909.	3.2	36
43	Dibromides of BOC-Protected 1-Aminopyrrole and 4-Amino-1,2,4-triazole: Synthesis, X-Ray Molecular Structure, and NMR Behavior. Heterocycles, 2009, 78, 117.	0.7	3
44	Synthesis, structure, and quaternization and complexation reactions of Îº3SCS pincer palladium complexes having 3,5-pyridinediyl unit. Journal of Organometallic Chemistry, 2008, 693, 1109-1116.	1.8	34
45	p-Quinquephenyl diamine, C6H5â€“p-C6H4â€“p-C6H2(2,3-NH2)â€“p-C6H4â€“C6H5, and its corresponding diimineâ€“Ru(II) complex: Crystal structure and electrochemical and optical properties. Inorganica Chimica Acta, 2008, 361, 2131-2138.	2.4	7
46	Reductive elimination of C6F5â€“C6F5 in the reaction of bis(pentafluorophenyl)palladium(ii) complexes with protic acids. Dalton Transactions, 2008, , 3949.	3.3	30
47	Synthesis of Ï€-conjugated polymers bearing electronic and optical functionalities by organometallic polycondensations and their chemical properties. Polymer, 2007, 48, 5449-5472.	3.8	52
48	Ï€-Conjugated Polyphenylenes with Diazaborole Side Chains Synthesized via 1,2-Phenylenediamine Polymer. Macromolecules, 2007, 40, 438-443.	4.8	67
49	Photochemical and Radiolytic Production of an Organic Hydride Donor with a RuII Complex Containing an NAD+ Model Ligand. Angewandte Chemie - International Edition, 2007, 46, 4169-4172.	13.8	89
50	Electrochemical and Photochemical Behavior of a Ruthenium(II) Complex Bearing Two Redox Sites as a Model for the NAD⁺/NADH Redox Couple. Angewandte Chemie - International Edition, 2007, 46, 7112-7115.	13.8	25
51	Electrochemical and Photochemical Behavior of a Ruthenium(II) Complex Bearing Two Redox Sites as a Model for the NAD⁺/NADH Redox Couple. Angewandte Chemie, 2007, 119, 7242-7245.	2.0	4
52	Palladium(II) complexes bearing the terpyridine-type tridentate ligand with benzo[b]-1,5-naphthyridin-2-yl groups. Inorganica Chimica Acta, 2007, 360, 3075-3082.	2.4	12
53	Anion-dependent selective formation of intermolecular non-covalent bonds. Journal of Molecular Structure, 2007, 829, 168-175.	3.6	8
54	Aerobic oxidative dehydrogenation of coordinated imidazoline units of pincer ruthenium complex. Journal of Organometallic Chemistry, 2007, 692, 5495-5500.	1.8	16

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55	Preparation of Soluble Polypyrrole with -Câ‰¡C-p-C6H4-hexyl Side Chains at the N-Position and Its Self-assembling Behavior. Polymer Journal, 2007, 39, 1202-1206.	2.7	8
56	New Ï€-conjugated polymers containing oxazole in the main chain: Optical and electrochemical properties. Polymer, 2007, 48, 2331-2337.	3.8	21
57	Utilization of Industrially Available 2,3-Dichloro-1,3-butadiene for Direct Synthesis of 2,3-Diaryl-1,3-butadienes. Bulletin of the Chemical Society of Japan, 2006, 79, 498-500.	3.2	12
58	Synthesis and electrochemical properties of bis(bipyridine)ruthenium(II) complexes bearing pyridinyl- and pyridinylidene ligands induced by cyclometalation of Nâ€²-methylated bipyridinium analogs. Journal of Organometallic Chemistry, 2005, 690, 1258-1264.	1.8	24
59	Synthesis, structures and electrochemical properties of ruthenium (II) complexes bearing bidentate 1,8-naphthyridine and terpyridine analogous (N,N,C)-tridentate ligands. Journal of Organometallic Chemistry, 2005, 690, 4272-4279.	1.8	30
60	Synthesis, chemical- and electrochemical properties of ruthenium(II) complexes bearing 2,6-bis(2-naphthyridyl)pyridine. Inorganica Chimica Acta, 2005, 358, 1999-2004.	2.4	8
61	Stabilization and Destabilization of the Ru?CO Bond During the 2,2?-Bipyridin-6-onato (bpyO)-Localized Redox Reaction of [Ru(terpy)(bpyO)(CO)](PF6). European Journal of Inorganic Chemistry, 2005, 2005, 285-293.	2.0	27
62	Electrochemical Hydrogenation of [Ru(bpy)2(napy-?N)(CO)]2+: Inhibition of Reductive Ru?CO Bond Cleavage by a Ruthenacycle. Angewandte Chemie - International Edition, 2005, 44, 2229-2232.	13.8	33
63	Reversible Hydride Generation and Release from the Ligand of [Ru(pbn)(bpy)2](PF6)2 Driven by a pbn-Localized Redox Reaction. Angewandte Chemie - International Edition, 2005, 44, 5891-5894.	13.8	64
64	Synthesis and crystal structures of mono- and dinuclear silver(I) complexes bearing 1,8-naphthyridine ligand. Inorganica Chimica Acta, 2004, 357, 3666-3672.	2.4	16
65	Selective Formation of Inter- and Intramolecular A-D-AÏ€-Ï€ Stacking: Solid-State Structures of Bis(pyridiniopropyl)benzenes. European Journal of Organic Chemistry, 2003, 2003, 4528-4532.	2.4	20
66	Terpyridine-Analogous (N,N,C)-Tridentate Ligands: Synthesis, Structures, and Electrochemical Properties of Ruthenium(II) Complexes Bearing Tridentate Pyridinium and Pyridinylidene Ligands. Organometallics, 2003, 22, 970-975.	2.3	48
67	Reduction of Ketimines by Samarium(II) Complexes. Isolation and Structural Characterization of Samarium(III) Î·1-Amine/Î·1-Ketimido and Î·2-Ketimine Complexes. Organometallics, 2003, 22, 3586-3592.	2.3	36
68	Synthesis, Structures and Fluxional Behavior of Ruthenium(II) Complexes Bearing a Bidentate 1,8-Naphthyridine Ligand. Bulletin of the Chemical Society of Japan, 2003, 76, 1969-1975.	3.2	24
69	The Binuclear Iridium(II) Hydride Complex [(C5Me5)Ir(Î¼-H)]2:Â A Novel Base for Reversible Deprotonation of Acidic Organic Compounds and a Unique Catalyst for Câ^'C Bond Cleavage of Aromatic 1,2-Diols and Michael Additions. Journal of the American Chemical Society, 2001, 123, 5812-5813.	13.7	39
70	Lanthanide(II) Complexes Bearing Linked Cyclopentadienylâ^'Anilido Ligands:Â Synthesis, Structures, and One-Electron-Transfer and Ethylene Polymerization Reactions. Organometallics, 2001, 20, 3323-3328.	2.3	83
71	Synthesis, Structures, and Reactivity of the First Silylene-Linked Cyclopentadienyl-Phosphido Lanthanide Complexes. Organometallics, 2001, 20, 4565-4573.	2.3	59
72	C5Me5/ER-Ligated Samarium(II) Complexes with the Neutral â€œC5Me5Mâ€•Ligand (ER = OAr, SAr, NRRâ€˜, or) Tj ETQq0 0 0 rgBT /Ove Styrene and Ethylene. Journal of the American Chemical Society, 2000, 122, 10533-10543.	13.7	109

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73	Ring-Opening Polymerization and Copolymerization of Lactones by Samarium(II) Aryloxide Complexes. Macromolecules, 1999, 32, 8245-8251.	4.8	108
74	Transfer of Ketyls from Alkali Metals to Transition Metals. Formation and Diverse Reactivities of d-Block Transition-Metal Ketyls. Organometallics, 1999, 18, 1979-1985.	2.3	39
75	Cis and Trans Isomers of Pt(SiHAr2)2(PR3)2(R = Me, Et) in the Solid State and in Solutions. Organometallics, 1999, 18, 1349-1352.	2.3	57
76	A Symmetrically Bridging Triarylsilyl Ligand in a Dinuclear Rhodium Complex: Synthesis and Structure of [LRh(H)(Âμ-Cl)(Âμ-SiAr2)(Âμ-SiAr3)Rh(H)L] (Ar=Ph,p-FC6H4; L=PiPr3). Angewandte Chemie - International Edition, 1998, 37, 349-351.	13.8	28
77	Rhodium(I) Complexes with Ï€-Coordinated Arylallene. Structures in the Solid State and in Solution and Reaction with Arylallene To Give Rhodacyclopentane. Organometallics, 1998, 17, 2037-2045.	2.3	22
78	Isomers of Chloro(triarylsilyl)hydridorhodium(III) Complexes,mer-RhCl(H)(SiAr3)(PMe3)3. Relevance of Their Structures to Reductive Elimination of ClSiAr3. Organometallics, 1998, 17, 1868-1872.	2.3	20
79	Thermal Siâ^'C Bond Cleavage of LRhH(SiAr3)(Î¼-H)(Î¼-Cl)RhH(SiAr3)L (Ar = C6H5, C6H4F-p; L = P(i-Pr)3) To Give LRhH(Î¼-SiAr3)(Î¼-SiAr2)(Î¼-Cl)RhHL Containing Symmetrically Bridging Triarylsilyl and Diarylsilylene Ligands. Organometallics, 1998, 17, 5721-5727.	2.3	16
80	Siâ€"H and Siâ€"C Bond Activation of a Triorganosilane Promoted by [RhCl{P(i-Pr)3}2]. Synthesis and Structure of a Dinuclear Rh(IV) Complex withÎ¼-Silylene Ligands. Bulletin of the Chemical Society of Japan, 1997, 70, 189-195.	3.2	17
81	Preparation of Cu(I) Complexes withN-Bonded orO-Bondedp-Cyanophenoxido Ligand and Their Structures in Soild State and in Solution. Chemistry Letters, 1997, 26, 325-326.	1.3	1
82	New rhodacyclopentane with phenylvinylidene substituents, mer-[Rî€h{CH2C(î€†CHPh)C(î€†CHPh) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 molecules to [RhCl(PMe3)3]. Chemical Communications, 1997, , 1313-1314.	4.1	6
83	Preparation of symmetric dibromides of 1,10-phenanthroline. Canadian Journal of Chemistry, 1997, 75, 1336-1339.	1.1	60
84	Intermolecular Transfer of Triarylsilane from RhCl(H)(SiAr3)[P(i-Pr)3]2to a Platinum(0) Complex, Givingcis-PtH(SiAr3)(PEt3)2(Ar = C6H5, C6H4F-p, C6H4Cl-p). Organometallics, 1997, 16, 6014-6016.	2.3	30
85	Structure and Chemical Properties of Chlorohydrido(diarylsilyl)rhodium(III) Complexes,mer-RhCl(H)(SiHAr2)(PMe3)3. Thermally Induced Chloro Transfer from Rhodium to Silicon in the Complexes and Silane Exchange. Organometallics, 1997, 16, 3973-3980.	2.3	42
86	A New Series of Mono- and Dinuclear Hydridosilylrhodium(III) Complexes, RhCl(H)(SiAr3)L2and RhL(SiAr3)H(Î¼-Cl)(Î¼-H)RhH(SiAr3)L (L = P(i-Pr3)). Preparation by Oxidative Addition of HSiAr3and Molecular Structures of the Complexes. Organometallics, 1997, 16, 2063-2069.	2.3	31
87	Reactions of Methoxyallene and of Phenylallene with RhH(CO)(PPh3)3. Insertion of a C:C Bond into an Rh-H Bond, Giving (.pi.-Allyl)rhodium(I) Complexes. Organometallics, 1995, 14, 4962-4965.	2.3	23