Toshiyuki Oshiki

List of Publications by Year
in descending order

37	1,694	304743	345221
papers	citations	22 h-index	36 g-index

41	41	41	1416
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Synthesis and reactions of phosphine-boranes. Synthesis of new bidentate ligands with homochiral phosphine centers via optically pure phosphine-boranes. Journal of the American Chemical Society, 1990, 112, 5244-5252.	13.7	413
2	Low-temperature catalytic hydrothermal treatment of wood biomass: analysis of liquid products. Chemical Engineering Journal, 2005, 108, 127-137.	12.7	223
3	Living Polymerization of Ethylene Catalyzed by Diene Complexes of Niobium and Tantalum, M(.eta.5-C5Me5)(.eta.4-diene)X2 and M(.eta.5-C5Me5)(.eta.4-diene)2 (M = Nb and Ta), in the Presence of Methylaluminoxane. Organometallics, 1995, 14, 2633-2640.	2.3	123
4	Dramatic Rate Acceleration by a Diphenyl-2-pyridylphosphine Ligand in the Hydration of Nitriles Catalyzed by Ru(acac)2Complexes. Organometallics, 2005, 24, 6287-6290.	2.3	121
5	Unprecedented stereochemistry of the electrophilic arylation at chiral phosphorus. Journal of the American Chemical Society, 1992, 114, 3975-3977.	13.7	109
6	Synthesis and reactions of optically active phosphine-boranes. Heteroatom Chemistry, 1992, 3, 563-575.	0.7	63
7	Preparation, Structural Characterization, and Reactions of Tantalum-Alkyne Complexes TaCl3(R1Câ‹®CR2)L2(L2= DME, Bipy, and TMEDA; L = Py). Organometallics, 2003, 22, 464-472.	2.3	50
8	Stereospecific reduction of menthyloxyphosphine-boranes with one-electron reducing agents. Tetrahedron Letters, 1991, 32, 3371-3374.	1.4	41
9	2-Diphenylphosphanyl-4-pyridyl(dimethyl)amine as an effective ligand for the ruthenium(II) complex catalyzed homogeneous hydration of nitriles under neutral conditions. Catalysis Today, 2011, 164, 552-555.	4.4	37
10	Synthesis of Bis(phenoxyimine) Ti Alkyl Complexes and Observation of Living Species by1H NMR Spectroscopy. Chemistry Letters, 2005, 34, 1382-1383.	1.3	35
11	Titanium and Zirconium Complexes with Non-Salicylaldimine-Type Imineâ€“Phenoxy Chelate Ligands: Syntheses, Structures, and Ethylene-Polymerization Behavior. Chemistry - an Asian Journal, 2006, 1, 878-887.	3.3	32
12	Substituent Effect on Organotin Tp*Compounds as the Tp*Reagent for the Preparation of Mono Tp*Complexes of Group 4â€”6 Metals (Tp*= Tris(3,5-dimethylpyrazol-1-yl)hydroborate). Bulletin of the Chemical Society of Japan, 2000, 73, 1735-1748.	3.2	31
13	The First Oxidative Addition of a Hypervalent Compound to Metallic Lanthanoid:Â Synthesis, Characterization, and Reaction of Samarium(II) Bis(trifluoromethanesulfonate) Derived from Metallic Samarium and 1,5-Dithioniabicyclo[3.3.0]octane Bis(trifluoromethanesulfonate). Journal of Organic Chemistry, 1998, 63, 7114-7116.	3.2	30
14	Catalytic Performance of Tantalumâ€“Î·2-Alkyne Complexes [TaCl3(R1Câ‰¡CR2)L2] for Alkyne Cyclotrimerization. Bulletin of the Chemical Society of Japan, 2004, 77, 1009-1011.	3.2	30
15	The Reactions of Optically Pure Menthyloxymethylphenylphosphine-Borane with Organolithium Reagents. Bulletin of the Chemical Society of Japan, 1990, 63, 3719-3721.	3.2	28
16	Isolation and Reactions of a Tantalumâˆ'Imine Complex TaCl3(dme)(PhCHNCH2Ph). Organometallics, 1998, 17, 5128-5132.	2.3	28
17	Analgesic agents without gastric damage: Design and synthesis of structurally simple benzenesulfonanilide-type cyclooxygenase-1-selective inhibitors. Bioorganic and Medicinal Chemistry, 2007, 15, 1014-1021.	3.0	28
18	The Hydration of Nitriles Catalyzed by the Combination of Palladium Nanoparticles and Copper Compounds. Chemistry Letters, 2009, 38, 360-361.	1.3	27

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19	Structural Characterization and Unique Catalytic Performance of Silyl-Group-Substituted Geminal Dichromiomethane Complexes Stabilized with a Diamine Ligand. Journal of the American Chemical Society, 2017, 139, 13184-13192.	13.7	27
20	Synthesis of organic phosphorus compounds containing a linear Pî—¸B bond chain. Tetrahedron Letters, 1989, 30, 383-384.	1.4	25
21	Synthesis and Reactions of Phosphineâ€“Methylsulfonyloxyborane Complexes. Bulletin of the Chemical Society of Japan, 1990, 63, 2846-2849.	3.2	25
22	Tp*Sn(Cl)Bu2as a Convenient Reagent for the Preparation of Hydrotris(3,5-dimethylpyrazolyl)borate Complexes of Niobium, Tantalum, and Zirconium. Organometallics, 1997, 16, 2760-2762.	2.3	24
23	Tantalum Complexes Incorporating Tris(pyrazolyl)Borate Ligands: Syntheses, Structures, and Ethylene Polymerization Behavior. Organometallics, 2009, 28, 6450-6457.	2.3	23
24	Highly Reactive Bifunctional Chemical Catalysts for the Hydration of Nitriles. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2010, 68, 41-51.	0.1	20
25	Determination of the absolute configuration of partly fluorinated allylic alcohols; the first synthesis of optically pure 1,2-difluoroallylic alcohols. Tetrahedron Letters, 2000, 41, 7889-7892.	1.4	19
26	A Novel Heteroligated Phenoxy-based Titanium Complex: Structure, Stability, and Ethylene Polymerization Behavior. Chemistry Letters, 2005, 34, 1458-1459.	1.3	16
27	Dialkylchromium complexes bearing a hydrotris(3,5-dimethylpyrazolyl)borate ligand: synthesis and		

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37	Cytotoxic Effects of Alcohol Extracts from a Plastic Wrap (Polyvinylidene Chloride) on Human Cultured Liver Cells and Mouse Primary Cultured Liver Cells. Acta Medica Okayama, 2020, 74, 327-334.	0.2	0