Kenji Wada

List of Publications by Year
in descending order

57 papers	1,386 citations	279798 23 h-index	345221 36 g-index
67 all docs	67 docs citations	67 times ranked	1623 citing authors

#	Article	IF	Citations
1	Diagnostic Accuracy of 123I-Meta-Iodobenzylguanidine Myocardial Scintigraphy in Dementia with Lewy Bodies: A Multicenter Study. PLoS ONE, 2015, 10, e0120540.	2.5	122
2	First Ruthenium-Catalyzed Allylation of Thiols Enables the General Synthesis of Allylic Sulfides. Journal of the American Chemical Society, 1999, 121, 8657-8658.	13.7	112
3	Porphyrin Receptors for Amines, Amino Acids, and Oligopeptides in Water. Journal of the American Chemical Society, 1999, 121, 11425-11431.	13.7	93
4	Molecular Recognition of Amines and Amino Esters by Zinc Porphyrin Receptors:Â Binding Mechanisms and Solvent Effects. Journal of Organic Chemistry, 2000, 65, 6097-6106.	3.2	76
5	Dehydrogenative synthesis of benzimidazoles under mild conditions with supported iridium catalysts. Catalysis Science and Technology, 2016, 6, 1677-1684.	4.1	59
6	Recyclable Solid Ruthenium Catalysts for the Direct Arylation of Aromatic Cï£¿H Bonds. Chemistry - A European Journal, 2010, 16, 4186-4189.	3.3	53
7	Recyclable Solid Ruthenium Catalysts Supported on Metal Oxides for the Addition of Carboxylic Acids to Terminal Alkynes. Advanced Synthesis and Catalysis, 2010, 352, 3045-3052.	4.3	44
8	¹²³I-MIBG myocardial scintigraphy for the diagnosis of DLB: a multicentre 3-year follow-up study. Journal of Neurology, Neurosurgery and Psychiatry, 2018, 89, 1167-1173.	1.9	44
9	Active Ruthenium Catalysts Based on Phosphine-Modified Ru/CeO₂ for the Selective Addition of Carboxylic Acids to Terminal Alkynes. ACS Catalysis, 2012, 2, 1753-1759.	11.2	41
10	Molecular Recognition of DNA Intercalators at Nanomolar Concentration in Water. Journal of the American Chemical Society, 2001, 123, 6459-6460.	13.7	37
11	A heterogeneous Ru/CeO2 catalyst effective for transfer-allylation from homoallyl alcohols to aldehydes. Chemical Communications, 2009, , 4112.	4.1	37
12	Synthesis of Functionalized Porphyrins as Oxygen Ligand Receptors. Journal of Organic Chemistry, 2003, 68, 5123-5131.	3.2	36
13	Rutheniumâ€Catalyzed Intermolecular Hydroacylation of Internal Alkynes: The Use of Ceriaâ€Supported Catalyst Facilitates the Catalyst Recycling. Chemistry - A European Journal, 2013, 19, 861-864.	3.3	35
14	Preparation of Novel Materials for Catalysts Utilizing Metal-Containing Silsesquioxanes. Catalysis Surveys From Asia, 2005, 9, 229-241.	2.6	33
15	Effect of the Preparation Conditions of Ru/CeO2 Catalysts for the Liquid Phase Oxidation of Benzyl Alcohol. Catalysis Letters, 2009, 129, 394-399.	2.6	33
16	A New Strategy for the Design of Water-Soluble Synthetic Receptors: Specific Recognition of DNA Intercalators and Diamines.. Chemistry - A European Journal, 2003, 9, 2368-2380.	3.3	32
17	Ceria-supported ruthenium catalysts for the synthesis of indole via dehydrogenative N-heterocyclization. Catalysis Science and Technology, 2011, 1, 1340.	4.1	31
18	Synthesis of novel starburst and dendritic polyhedral oligosilsesquioxanes. Chemical Communications, 2005, , 95.	4.1	28

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19	Catalytic Addition of Aromatic Cï£¿H Bonds to Vinylsilanes in the Presence of Ru/CeO₂. ChemCatChem, 2010, 2, 1223-1225.	3.7	28
20	Optimized synthesis method for K/Co3O4 catalyst towards direct decomposition of N2O. Journal of Materials Science, 2011, 46, 797-805.	3.7	25
21	Dual Lewis Acidic/Basic Pd_{0.5}Ru_{0.5}â€"Poly(<i>N</i>â€vinylâ€2â€pyrrolidone) Alloyed Nanoparticle: Outstanding Catalytic Activity and Selectivity in Suzukiâ€"Miyaura Crossâ€Coupling Reaction. ChemCatChem, 2015, 7, 3887-3894.	3.7	25
22	Striking effects of a titania support on the low-temperature activities of Ir catalysts for the dehydrogenative synthesis of benzimidazole and indole. Catalysis Today, 2018, 303, 235-240.	4.4	24
23	Intermolecular Coupling of Alkynes with Acrylates by Recyclable Oxideâ€Supported Ruthenium Catalysts: Formation of Distorted Ruthenium(IV)â€oxo Species on Ceria as a Key Precursor of Active Species. Advanced Synthesis and Catalysis, 2011, 353, 2837-2843.	4.3	23
24	Development of Ceria-Supported Ruthenium Catalysts Effective for Various Synthetic Reactions. Catalysis Surveys From Asia, 2011, 15, 1-11.	2.6	22
25	Titania-supported iridium catalysts for dehydrogenative synthesis of benzimidazoles. Chinese Chemical Letters, 2020, 31, 605-608.	9.0	19
26	Preparation and the catalytic activity of novel Pd nanocluster catalysts utilizing an oligosilsesquioxane ligand. Catalysis Letters, 2006, 112, 63-67.	2.6	18
27	Synthesis and Structure of Novel Zerovalent Ruthenium Complexes with Three Pyridine Ligands or Tridentate Pyridyl Ligands. Organometallics, 2003, 22, 1332-1339.	2.3	17
28	Development of Ceria-supported Ruthenium Catalysts for Green Organic Transformation Processes. Journal of the Japan Petroleum Institute, 2013, 56, 69-79.	0.6	16
29	Highly Selective Linear Dimerization of Styrenes by Ceriaâ€Supported Ruthenium Catalysts. ChemCatChem, 2012, 4, 2062-2067.	3.7	15
30	Ultrasonic standing wave preparation of a liquid cell for glucose measurements in urine by midinfrared spectroscopy and potential application to smart toilets. Journal of Biomedical Optics, 2018, 23, 1.	2.6	15
31	Synthesis of Highly Effective CeO x â€"MnO y â€"BaO Catalysts for Direct NO Decomposition. Catalysis Letters, 2012, 142, 32-41.	2.6	14
32	Facile preparation of silica-supported Ti catalysts effective for the epoxidation of cyclooctene using Ti-bridged silsesquioxanes. Chemical Communications, 2012, 48, 7991.	4.1	12
33	Ultraminiature one-shot Fourier-spectroscopic tomography. Optical Engineering, 2016, 55, 025106.	1.0	12
34	Effect of phosphorus-modification of titania supports on the iridium-catalyzed synthesis of benzimidazoles. Catalysis Today, 2021, 375, 410-417.	4.4	12
35	Rhodiumâ€Catalyzed Decarbonylative Coupling Reactions of Diphenylketene with Alkenes. ChemCatChem, 2009, 1, 82-84.	3.7	10
36	Effects of allosteric regulators on proteolysis of rat liver acetyl coenzyme a carboxylase by lysosomal extract. FEBS Letters, 1977, 82, 85-88.	2.8	9

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37	Synthesis of alkenylene-bridged macrocyclic silsesquioxanes by ruthenium or rhodium-catalyzed ring-closing reactions of bis(allyldimethylsilyl) groups. Chemical Communications, 2001, , 1802-1803.	4.1	8
38	Ti-Containing Silsesquioxane Gels with Tunable Porosity: Preparation and Catalytic Activity for the Epoxidation of Cyclooctene by Aqueous Hydrogen Peroxide. Topics in Catalysis, 2009, 52, 693-698.	2.8	8
39	Catalytic Properties of Mn-Modified Hexagonal YbFeO3: Noble-metal-free Combustion Catalysts. Chemistry Letters, 2014, 43, 874-876.	1.3	8
40	Development of titania-supported iridium catalysts with excellent low-temperature activities for the synthesis of benzimidazoles via hydrogen transfer. Molecular Catalysis, 2019, 477, 110550.	2.0	8
41	Parametric standing wave generation of a shallow reflection plane in a nonrigid sample for use in a noninvasive blood glucose monitor. Journal of Biomedical Optics, 2019, 24, 1.	2.6	7
42	Preparation of Porous Acidic Oxides from Group 13 Element-containing Oligosilsesquioxanes.. Journal of the Japan Petroleum Institute, 2002, 45, 15-23.	0.6	7
43	Phosphine-stabilized, oxide-supported rhodium catalysts for highly efficient silylative coupling reactions. Research on Chemical Intermediates, 2015, 41, 9575-9586.	2.7	6
44	Sensitivity improvement of one-shot Fourier spectroscopic imager for realization of noninvasive blood glucose sensors in smartphones. Optical Engineering, 2016, 55, 110506.	1.0	5
45	Ultrasonic separation of a suspension for in situ spectroscopic imaging. Optical Review, 2016, 23, 360-363.	2.0	5
46	X-ray structure of a protease-resistant mutant form of human galectin-9 having two carbohydrate recognition domains with a metal-binding site. Biochemical and Biophysical Research Communications, 2017, 490, 1287-1293.	2.1	5
47	Enhancement of the Activities of Î³-Ga2O3â€“Al2O3 Catalysts for Methane-SCR of NO by Treatment with NH3. Catalysis Letters, 2011, 141, 1338-1344.	2.6	4
48	Preparation and the Activity of Novel Silsesquioxane-Based Catalysts. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2006, 64, 836-844.	0.1	4
49	Palm-Size Ultra-Compact Wide-Field Fourier Spectroscopic Imaging Technology. The Review of Laser Engineering, 2015, 43, 222.	0.0	4
50	Superimposing interferogram method using a multi-slit array to enhance sensitivity and interference definition of spatial-phase-shift interferometers. Optical Review, 2020, 27, 530-541.	2.0	3
51	Development of Titania-supported Iridium Catalysts for the Acceptor-less Dehydrogenative Synthesis of Benzoxazoles. Journal of the Japan Petroleum Institute, 2021, 64, 271-279.	0.6	2
52	Isomerization of <i>n</i>-Hexadecane over Ptâ€“WO₃ Catalysts Supported on TiO₂â€“SiO₂ Mixed Oxides Synthesized by Glycothermal Method. Journal of the Japan Petroleum Institute, 2011, 54, 361-365.	0.6	1
53	Radiosynthesis of 18F-labeled d-allose. Carbohydrate Research, 2019, 486, 107827.	2.3	1
54	Rapid Multialkylation of Aqueous Ammonia with Alcohols by Heterogeneous Iridium Catalyst under Simple Conditions. ChemCatChem, 2021, 13, 3588-3593.	3.7	1

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55	Novel Reactions Catalyzed by Transition Metal Carbonyls.. Sekiyu Gakkaishi (Journal of the Japan) Tj ETQq1 1 0.784314 rgBT /Overlock 1	0.1	1
56	Inside Cover: Regio- and Stereoselective Synthesis of Enamides and Dienamides by Ruthenium-Catalyzed Co-Oligomerization ofN-Vinylamides with Alkenes or Alkynes (Angew. Chem. Int. Ed. 27/2007). Angewandte Chemie - International Edition, 2007, 46, 5034-5034.	13.8	0
57	Solvent-free Multi-alkylation of Urea with Alcohols Catalyzed by Titania-supported Iridium Catalyst with a Strong Metal-Support Interaction. Catalysis Today, 2022, , .	4.4	0