

# Takeshi Naota

## 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.

121  
papers

5,900  
citations

41  
h-index

75  
g-index

146  
ext. papers

6,342  
ext. citations

5.8  
avg, IF

5.54  
L-index

#	Paper	IF	Citations
121	Hysteretic Control of Near-infrared Transparency Using a Liquescent Radical Cation. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 8365-8369	3.6	2
120	Hysteretic Control of Near-infrared Transparency Using a Liquescent Radical Cation. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 8284-8288	16.4	6
119	Catalytic Enantioselective Rotation of Watermill-Shaped Dinuclear Pd Complexes. <i>European Journal of Inorganic Chemistry</i> , <b>2021</b> , 2021, 1929-1940	2.3	1
118	Rapid Luminescent Enhancement Triggered by One-shot Needlestick-stimulus Using a Liquescent Gold(I) Salt. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 19701-19704	16.4	5
117	Rapid Luminescent Enhancement Triggered by One-shot Needlestick-stimulus Using a Liquescent Gold(I) Salt. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 19853-19856	3.6	
116	Origin of the Aggregation-Induced Phosphorescence of Platinum(II) Complexes: The Role of Metal-Metal Interactions on Emission Decay in the Crystalline State. <i>Chemistry - an Asian Journal</i> , <b>2021</b> , 16, 3129-3140	4.5	1
115	Environmentally Benign Strategy for Arylation of Nitronyl Nitroxide Using a Non-Transition Metal Nucleophile. <i>Organic Letters</i> , <b>2020</b> , 22, 1350-1354	6.2	6
114	Emission Control by Molecular Manipulation of Double-Paddled Binuclear Pt Complexes at the Air-Water Interface. <i>Chemistry - an Asian Journal</i> , <b>2020</b> , 15, 406-414	4.5	19
113	Proximity effects on the phosphorescent properties of dinuclear salicylaldiminato cyclometalated iridium(III) complexes linked with polymethylene spacers. <i>Transition Metal Chemistry</i> , <b>2020</b> , 45, 173-186	2.1	
112	Data on the characterization of (-alkylsalicylaldiminato)bis(2-phenylpyridinato)iridium(III). <i>Data in Brief</i> , <b>2019</b> , 25, 104300	1.2	
111	Variations in the Solid-State Emissions of Clothespin-Shaped Binuclear trans-Bis(salicylaldiminato)platinum(II) with Halogen Functionalities. <i>European Journal of Inorganic Chemistry</i> , <b>2019</b> , 2019, 3561-3571	2.3	6
110	Strategy for Stimuli-Induced Spin Control Using a Liquescent Radical Cation. <i>ACS Omega</i> , <b>2019</b> , 4, 10031-10035	3.0	12
109	Phosphorescent Molecules That Resist Concentration Quenching in the Solution State: Concentration-Driven Emission Enhancement of Vaulted -Bis[2-(iminomethyl)imidazolato]platinum(II) Complexes. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 9076-9084	5.1	5
108	Heat-Resistant Properties in the Phosphorescence of trans-Bis[ $\pi$ (iminomethyl)aryloxy]platinum(II) Complexes: Effect of Aromaticity on d- $\pi$ Conjugation Platforms. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 3650-3661	4.8	10
107	Aggregation-induced Substrate Specificity in Aerobic Reduction of Olefins with Ultrasound Gel Catalyst of Synthetic Flavin. <i>ChemCatChem</i> , <b>2019</b> , 11, 878-884	5.2	4
106	Facile and practical synthesis of $\beta$ -extended oxepins by benzannulation and intramolecular cyclization. <i>Tetrahedron Letters</i> , <b>2019</b> , 60, 183-186	2	4
105	A direct synthetic method for (nitronyl nitroxide)-substituted $\beta$ -electronic compounds via a palladium-catalyzed cross-coupling reaction with a zinc complex. <i>Materials Chemistry Frontiers</i> , <b>2018</b> , 2, 591-596	7.8	14

104	Syntheses, structures, and solid-state phosphorescence characteristics of trans-bis(salicylaldiminato)Pt(II) complexes bearing perpendicular N-aryl functionalities. <i>Transition Metal Chemistry</i> , <b>2018</b> , 43, 115-125	2.1	2
103	Linker length dependence of the chromogenic properties of polymethylene-vaulted trans-bis(2-aminotroponato)palladium(II) complexes. <i>Journal of Molecular Structure</i> , <b>2018</b> , 1165, 217-222 <sup>3,4</sup>		2
102	Helicity Control of Supramolecular Gel Fibers Consisting of an Achiral Ni Complex in a Chiral Nematic Solvent. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 12546-12554	4.8	5
101	Regiospecific Remote Pt <sup>II</sup> Interactions in Oligomethylene-Vaulted (N <sup>^</sup> C <sup>^</sup> N)-Pincer Pt <sup>II</sup> Complexes. <i>European Journal of Inorganic Chemistry</i> , <b>2018</b> , 2018, 4749-4749	2.3	
100	Dynamic Rotational Motions of Vaulted Chiral trans-Bis(salicylaldiminato)palladium(II) Complexes Bearing Rigid or Flexible Carbon Chain Linkers. <i>European Journal of Inorganic Chemistry</i> , <b>2018</b> , 2018, 4689 <sup>2,3</sup> -4695 <sup>4</sup>		
99	Regiospecific Remote Pt <sup>II</sup> Interactions in Oligomethylene-Vaulted (N <sup>^</sup> C <sup>^</sup> N)-Pincer Pt <sup>II</sup> Complexes. <i>European Journal of Inorganic Chemistry</i> , <b>2018</b> , 2018, 4771-4778	2.3	3
98	Convenient Spectroscopic Method for Quantitative Analysis of Trace Hydrochloric Acid in Chlorinated Organic Solvents Using 2-(1-Adamantylimino)methyl-1H-pyrrole as a Robust Indicator. <i>Chemistry Letters</i> , <b>2017</b> , 46, 672-675	1.7	0
97	Solid-state fluorescence of zwitterionic imidazolium pyridinolates bearing long alkyl chains: Control of emission properties based on variation of lamellar alignment. <i>Tetrahedron</i> , <b>2017</b> , 73, 6000-6007	2.4	2
96	Fluorescent Crystals of Zwitterionic Imidazolium Pyridinolates: A Rational Design for Solid-State Emission Based on the Twisting Control of Proemissive N-Aryl Imidazolium Platforms. <i>European Journal of Organic Chemistry</i> , <b>2017</b> , 2017, 5044-5054	3.2	2
95	Homochiral association of binuclear trans-bis(β-aminoaryloxy)palladium(II) complexes doubly linked with m-xylene spacers: drastic linker-dependence of the association chirality of chiral clothespin-shaped molecules. <i>Organic Chemistry Frontiers</i> , <b>2016</b> , 3, 1286-1294	5.2	7
94	Single-Point Remote Control of Flapping Motion in Clothespin-Shaped Bimetallic Palladium Complexes Based on the N(sp <sup>2</sup> )-N(sp <sup>3</sup> ) Interconversion in Amide Functionalities. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 5712-26	4.8	13
93	Kinetic Studies of the Chirality Inversion of SalicylaldiminatoRuthenium Using Racemic β-p-Cymene Complexes as a Mechanistic Probe. <i>European Journal of Inorganic Chemistry</i> , <b>2016</b> , 2016, 3148-3156	2.3	3
92	Dynamic neighbouring participation of nitrogen lone pairs on the chromogenic behaviour of trans-bis(salicylaldiminato)Pt(II) coordination platforms. <i>Dalton Transactions</i> , <b>2016</b> , 45, 19257-19268	4.3	3
91	Synthesis, structure, and chromogenic properties of polymethylene-vaulted trans-bis(salicylaldiminato)palladium(II) complexes. <i>Polyhedron</i> , <b>2016</b> , 117, 826-833	2.7	8
90	Flavin-Functionalized Gold Nanoparticles as an Efficient Catalyst for Aerobic Organic Transformations. <i>ChemCatChem</i> , <b>2015</b> , 7, 3-3	5.2	
89	Linker-dependent chromogenic control of the emission of polymethylene-vaulted trans-bis(salicylaldiminato)platinum(II) complexes. <i>Journal of Luminescence</i> , <b>2015</b> , 161, 363-367	3.8	7
88	Variations in the emission of polymethylene-vaulted trans-bis(salicylaldiminato)platinum(II) complexes incorporating methoxy functionalities with linkage length and substitution position. <i>Polyhedron</i> , <b>2015</b> , 98, 75-83	2.7	9
87	Synthesis, structure and crystal packing of a clothespin-shaped binuclear trans-bis(2-amino-troponato)palladium(II) complex bearing m-xylidene linkers. <i>Journal of Molecular Structure</i> , <b>2015</b> , 1102, 230-234	3.4	7

86	Flavin-Functionalized Gold Nanoparticles as an Efficient Catalyst for Aerobic Organic Transformations. <i>ChemCatChem</i> , <b>2015</b> , 7, 99-106	5.2	15
85	Control of Metal Arrays Based on Heterometallics Masquerading in Heterochiral Aggregations of Chiral Clothespin-Shaped Complexes. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 12927-39	4.8	20
84	Highly fluorescent flavins: rational molecular design for quenching protection based on repulsive and attractive control of molecular alignment. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 9171-8	4.8	3
83	Oxidation of sulfides with hydrogen peroxide catalyzed by synthetic flavin adducts with dendritic bis(acylamino)pyridines. <i>Tetrahedron</i> , <b>2014</b> , 70, 495-501	2.4	20
82	Synthesis, structure and solid-state emission properties of a vaulted trans-bis(salicylaldiminato)platinum(II) complex bearing a long poly(oxyethylene) spacer. <i>Inorganic Chemistry Communication</i> , <b>2014</b> , 50, 88-91	3.1	10
81	Synthesis and Crystal Packing of trans-Bis(2-aminotroponato)palladium(II) Complexes Bearing Linear Alkyl Chains [Hard Lamellar Structures Self-Locked by Cross-Shaped Molecular Units. <i>European Journal of Inorganic Chemistry</i> , <b>2014</b> , 2014, 156-163	2.3	4
80	Solid-state emission enhancement in vaulted trans-bis(salicylaldiminato)platinum(II) crystals with halogen functionality. <i>Dalton Transactions</i> , <b>2014</b> , 43, 10074-85	4.3	25
79	Binuclear trans-bis(β-aminooxyloxy)palladium(II) complexes doubly linked with pentamethylene spacers: structure-dependent flapping motion and heterochiral association behavior of the clothespin-shaped molecules. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 6991-7000	4.8	27
78	Ring-Expanding Metathesis Oligomerization of Cyclic Nitrones. <i>European Journal of Organic Chemistry</i> , <b>2014</b> , 2014, 5670-5674	3.2	9
77	Synthesis and Self-assembling Properties of Pt-Complex-bound Oligo(glutamic acid)s. <i>Chemistry Letters</i> , <b>2014</b> , 43, 1167-1169	1.7	5
76	Controlled Linker Dependence of Solution- and Solid-State Emission of Vaulted trans-Bis(salicylaldiminato)platinum(II) Complexes with Amino Functionalities. <i>European Journal of Inorganic Chemistry</i> , <b>2014</b> , 2014, 6085-6096	2.3	14
75	Oxidation of Sulfides with Hydrogen Peroxide Catalyzed by Vitamin B2 Derivatives. <i>Synthetic Communications</i> , <b>2013</b> , 43, 3064-3071	1.7	12
74	Non-covalently dendronized flavins as organocatalysts for aerobic reduction of olefins. <i>Tetrahedron</i> , <b>2013</b> , 69, 8572-8578	2.4	10
73	Synthesis, structure, and conformational mobility of a vaulted trans-bis(o-aminophenolato)platinum(II) complex. <i>Transition Metal Chemistry</i> , <b>2013</b> , 38, 659-664	2.1	7
72	Synthesis, structure, and solid-state phosphorescence of heteroleptic platinum(II) complexes bearing iminophenyl and iminophenoxy ligands. <i>Journal of Organometallic Chemistry</i> , <b>2013</b> , 738, 66-75	2.3	11
71	Metal array fabrication based on ultrasound-induced self-assembly of metalated dipeptides. <i>Dalton Transactions</i> , <b>2013</b> , 42, 15953-66	4.3	20
70	Synthesis and structure of vaulted trans-Bis[1-(2-phenoxy)-imidazol-2-ylidene-C2,O]platinum(II) complex. <i>Inorganic Chemistry Communication</i> , <b>2013</b> , 27, 122-126	3.1	16
69	Flavin-catalyzed aerobic oxidation of sulfides in aqueous media. <i>Tetrahedron Letters</i> , <b>2013</b> , 54, 621-624	2	40

68	Solid-state phosphorescence of trans-bis(salicylaldiminato)platinum(II) complexes bearing long alkyl chains: morphology control towards intense emission. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 9497-505	4.8	32
67	Aerobic Oxidation of Sulfides with a Vitamin B2-Derived Organocatalyst. <i>Synlett</i> , <b>2013</b> , 24, 1679-1682	2.2	13
66	A clothes-peg-shaped binuclear trans-bis(2-aminotroponato)palladium(II) complex bearing pentamethylene spacers. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2013</b> , 69, 503-5		9
65	Vaulted trans-bis(salicylaldiminato)platinum(II) crystals: heat-resistant, chromatically sensitive platforms for solid-state phosphorescence at ambient temperature. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 4798-811	4.8	38
64	Metal array fabrication through self-assembly of Pt-complex-bound amino acids. <i>Chemical Communications</i> , <b>2012</b> , 48, 3936-8	5.8	22
63	Ultrasound-induced emission enhancement based on structure-dependent homo- and heterochiral aggregations of chiral binuclear platinum complexes. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 16054-61	16.4	141
62	Highly phosphorescent crystals of vaulted trans-bis(salicylaldiminato)platinum(II) complexes. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 6493-6	16.4	85
61	Ruthenium-Catalyzed Oxidative Dearomatization of Phenols to 4-(tert-Butylperoxy)cyclohexadienones: Synthesis of 2-Substituted Quinones from p-Substituted Phenols. <i>European Journal of Organic Chemistry</i> , <b>2011</b> , 2011, 5355-5365	3.2	18
60	Aerobic reduction of olefins by in situ generation of diimide with synthetic flavin catalysts. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 5908-20	4.8	59
59	Neutral flavins: green and robust organocatalysts for aerobic hydrogenation of olefins. <i>Organic Letters</i> , <b>2010</b> , 12, 32-5	6.2	61
58	Dynamic vapochromic behaviors of organic crystals based on the open-close motions of S-shaped donor-acceptor folding units. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 4793-802	4.8	58
57	Ruthenium-Catalyzed Regioselective Reactions of Nitriles and 1,3-Dicarbonyl Compounds with Terminal Alkynes. <i>Synlett</i> , <b>2009</b> , 2009, 3355-3359	2.2	10
56	Switchable C- and N-bound isomers of transition-metal cyanocarbanions: synthesis and interconversions of cyclopentadienyl ruthenium complexes of phenylsulfonylacetonitrile anions. <i>Chemistry - A European Journal</i> , <b>2008</b> , 14, 2482-98	4.8	16
55	Synthesis and electrochemical behavior of clothespin-shaped bisflavin compounds. <i>Tetrahedron Letters</i> , <b>2008</b> , 49, 2523-2526	2	2
54	Sequential asymmetric homoallenylation of primary amines with a palladium catalyst. <i>Tetrahedron Letters</i> , <b>2008</b> , 49, 4915-4917	2	29
53	Structure and Reactivity of Transition Metal Cyanocarbanions. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , <b>2007</b> , 65, 989-998	0.2	0
52	Ultrasound-induced gelation of organic fluids with metalated peptides. <i>Angewandte Chemie - International Edition</i> , <b>2007</b> , 46, 2855-7	16.4	145
51	Ultrasound-Induced Gelation of Organic Fluids with Metalated Peptides. <i>Angewandte Chemie</i> , <b>2007</b> , 119, 2913-2915	3.6	38

50	Oxidation of sulfides with hydrogen peroxide catalyzed by 10,10'-linked bisflavinium perchlorates. <i>Tetrahedron Letters</i> , <b>2007</b> , 48, 937-939	2	30
49	Flavins as organocatalysts for environmentally benign molecular transformations. <i>Chemical Record</i> , <b>2007</b> , 7, 354-61	6.6	78
48	Water-soluble diruthenium complexes bearing acetate and carbonate bridges: highly efficient catalysts for aerobic oxidation of alcohols in water. <i>Chemical Communications</i> , <b>2006</b> , 4829-31	5.8	66
47	Rhodium-catalyzed direct aldol condensation of ketones: a facile synthesis of fused aromatic compounds. <i>Tetrahedron Letters</i> , <b>2006</b> , 47, 1705-1708	2	12
46	Molecules that assemble by sound: an application to the instant gelation of stable organic fluids. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 9324-5	16.4	330
45	Palladium-catalyzed asymmetric amination and imidation of 2,3-allenyl phosphates. <i>Organic Letters</i> , <b>2005</b> , 7, 5837-9	6.2	65
44	Flavin-catalyzed generation of diimide: an environmentally friendly method for the aerobic hydrogenation of olefins. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 14544-5	16.4	96
43	An aerobic, organocatalytic, and chemoselective method for Baeyer-Villiger oxidation. <i>Angewandte Chemie - International Edition</i> , <b>2005</b> , 44, 1704-6	16.4	132
42	An Aerobic, Organocatalytic, and Chemoselective Method for Baeyer-Villiger Oxidation. <i>Angewandte Chemie</i> , <b>2005</b> , 117, 1732-1734	3.6	41
41	Ruthenium catalysis in organic synthesis. <i>Pure and Applied Chemistry</i> , <b>2002</b> , 74, 19-24	2.1	58
40	Mechanism of the interconversions between C- and N-bound transition metal alpha-cyanocarbanions. <i>Journal of the American Chemical Society</i> , <b>2002</b> , 124, 6842-3	16.4	26
39	Carbon-carbon bond forming reactions of N-bound transition metal alpha-cyanocarbanions: a mechanistic probe for catalytic Michael reactions of nitriles. <i>Chemical Communications</i> , <b>2001</b> , 63-64	5.8	21
38	Ruthenium-catalyzed oxidation of alkanes with tert-butyl hydroperoxide and peracetic acid. <i>Journal of Organic Chemistry</i> , <b>2000</b> , 65, 9186-93	4.2	112
37	Synthesis and Characterization of C- and N-Bound Isomers of Transition Metal alpha-cyanocarbanions. <i>Journal of the American Chemical Society</i> , <b>2000</b> , 122, 2960-2961	16.4	34
36	Ruthenium-Catalyzed Reactions for Organic Synthesis. <i>Chemical Reviews</i> , <b>1998</b> , 98, 2599-2660	68.1	859
35	Iridium Hydride Complex Catalyzed Addition of Nitriles to Carbon-Nitrogen Triple Bonds of Nitriles. <i>Journal of the American Chemical Society</i> , <b>1998</b> , 120, 4244-4245	16.4	52
34	Aerobic oxidation of alkanes and alkenes in the presence of aldehydes catalyzed by copper salts and copper-crown ether. <i>Journal of Molecular Catalysis A</i> , <b>1997</b> , 117, 21-37		87
33	Ruthenium-Catalyzed Oxidation of Phenols with Alkyl Hydroperoxides. A Novel, Facile Route to 2-Substituted Quinones. <i>Journal of the American Chemical Society</i> , <b>1996</b> , 118, 2509-2510	16.4	72

32	A New Way for Efficient Catalysis by Using Low Valent Ruthenium Complexes as Redox Lewis Acid and Base Catalysts. <i>Bulletin of the Chemical Society of Japan</i> , <b>1996</b> , 69, 1805-1824	5.1	69
31	Aerobic oxidation of alkanes in the presence of acetaldehyde catalysed by copper-crown ether. <i>Tetrahedron Letters</i> , <b>1996</b> , 37, 1633-1636	2	48
30	Metalloporphyrin-Catalyzed Oxidation of Alkanes with Molecular Oxygen in the Presence of Acetaldehyde. <i>Tetrahedron Letters</i> , <b>1995</b> , 36, 8059-8062	2	80
29	Ruthenium-Catalyzed Oxidation of Alcohols with Peracids. <i>Synlett</i> , <b>1995</b> , 1995, 733-734	2.2	27
28	Transition Metal-catalyzed Oxidations: Other Oxidations <b>1995</b> , 1177-1192		8
27	Ruthenium-catalyzed aldol and Michael reactions of nitriles. Carbon-carbon bond formation by .alpha.-C-H activation of nitriles.. <i>Journal of the American Chemical Society</i> , <b>1995</b> , 117, 12436-12451	16.4	155
26	Ruthenium-catalyzed oxidation of alkanes with peracids. <i>Tetrahedron Letters</i> , <b>1994</b> , 35, 7953-7956	2	29
25	Ruthenium complex catalysed condensation of nitriles with alcohols. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1994</b> , 1359		17
24	Aerobic oxidations of alkanes and alkenes in the presence of aldehydes catalysed by copper salts. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1993</b> , 139		81
23	Aerobic oxidation of alcohols with ruthenium-cobalt bimetallic catalyst in the presence of aldehydes. <i>Journal of Organic Chemistry</i> , <b>1993</b> , 58, 7318-7319	4.2	107
22	Ruthenium-catalyzed oxidative transformation of alkenes to .alpha.-ketols with peracetic acid. Simple synthesis of cortisone acetate. <i>Journal of Organic Chemistry</i> , <b>1993</b> , 58, 2929-2930	4.2	77
21	Ruthenium-Catalyzed Oxidations for Selective Syntheses of Ketones and Acyl Cyanides. Selective Acylation of Amino Compounds with Acyl Cyanides. <i>Synthesis</i> , <b>1993</b> , 1993, 433-440	2.9	43
20	Osmium-Catalyzed Oxidative Transformation of Alkenes to .alpha.-Ketols with Peracetic Acid. <i>Chemistry Letters</i> , <b>1993</b> , 22, 1767-1770	1.7	27
19	Ruthenium-catalyzed hydration of nitriles and transformation of .alpha.-ketonitriles to ene-lactams: total synthesis of (-)-pumiliotoxin C. <i>Tetrahedron</i> , <b>1993</b> , 49, 8805-8826	2.4	77
18	Ruthenium-catalyzed cytochrome P-450 type oxidation of alkanes with alkyl hydroperoxides. <i>Tetrahedron Letters</i> , <b>1993</b> , 34, 1299-1302	2	87
17	Iron- and ruthenium-catalyzed oxidations of alkanes with molecular oxygen in the presence of aldehydes and acids. <i>Journal of the American Chemical Society</i> , <b>1992</b> , 114, 7913-7914	16.4	142
16	Ruthenium-catalyzed hydration of nitriles and transformation of .delta.-keto nitriles to ene-lactams. <i>Journal of Organic Chemistry</i> , <b>1992</b> , 57, 2521-2523	4.2	112
15	Fe <sub>2</sub> O <sub>3</sub> -catalyzed baeyer-villiger oxidation of ketones with molecular oxygen in the presence of aldehydes. <i>Tetrahedron Letters</i> , <b>1992</b> , 33, 7557-7560	2	87

14	Ruthenium-catalyzed oxidation of tertiary amines with hydrogen peroxide in the presence of methanol. <i>Tetrahedron Letters</i> , <b>1992</b> , 33, 6991-6994	2	90
13	Ruthenium-catalyzed oxidation of lactams with molecular oxygen and aldehydes. <i>Tetrahedron Letters</i> , <b>1991</b> , 32, 5991-5994	2	73
12	Oxidation and condensation of alcohols catalyzed by ruthenium complexes.. <i>Sekiyu Gakkaishi (Journal of the Japan Petroleum Institute)</i> , <b>1991</b> , 34, 1-12		2
11	Novel method for substitution of amines via N-Methoxycarbonyl- $\beta$ -butyldioxyamines. <i>Tetrahedron Letters</i> , <b>1990</b> , 31, 7475-7478	2	49
10	Ruthenium-catalyzed oxidation of amides and lactams with peroxides. <i>Journal of the American Chemical Society</i> , <b>1990</b> , 112, 7820-7822	16.4	174
9	New reagents. V. Reducing reagents. Dihyridotetrakis(triphenylphosphine)ruthenium.. <i>Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry</i> , <b>1990</b> , 48, 1020-1021	0.2	
8	Ruthenium-Catalyzed Oxidation of Nitriles with tert-Butyl Hydroperoxide. <i>Synlett</i> , <b>1989</b> , 1989, 62-63	2.2	14
7	Ruthenium-catalyzed aldol and Michael reactions of activated nitriles. <i>Journal of the American Chemical Society</i> , <b>1989</b> , 111, 5954-5955	16.4	104
6	Ruthenium-catalyzed cytochrome P-450 type oxidation of tertiary amines with alkyl hydroperoxides. <i>Journal of the American Chemical Society</i> , <b>1988</b> , 110, 8256-8258	16.4	195
5	Ruthenium-catalyzed oxidative transformation of alcohols and aldehydes to esters and lactones. <i>Journal of Organic Chemistry</i> , <b>1987</b> , 52, 4319-4327	4.2	273
4	Ruthenium-catalyzed amidation of nitriles with amines. A novel, facile route to amides and polyamides. <i>Journal of the American Chemical Society</i> , <b>1986</b> , 108, 7846-7	16.4	118
3	Ruthenium catalyzed oxidation of cyanohydrins to acyl cyanides useful reagents for selective N-benzoylation of aminoalcohols. <i>Tetrahedron Letters</i> , <b>1985</b> , 26, 925-928	2	50
2	Ruthenium-catalysed oxidation of secondary amines to imines using t-butyl hydroperoxide. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1985</b> , 613		95
1	Palladium-Phosphine-Complex-Catalyzed Reaction of Organolithium Compounds and Alkenyl Halides: (Z)-[2-(N,N-Dimethylamino)Phenyl]Styrene39-39		