

# Assoc Prof Keigo Kamata

## List of Publications by Citations

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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.

112 papers	6,357 citations	42 h-index	78 g-index
160 ext. papers	7,038 ext. citations	7.2 avg, IF	6.14 L-index

#	Paper	IF	Citations
112	Epoxidation of olefins with hydrogen peroxide catalyzed by polyoxometalates. <i>Coordination Chemistry Reviews</i> , <b>2005</b> , 249, 1944-1956	23.2	586
111	Efficient epoxidation of olefins with $\geq 99\%$ selectivity and use of hydrogen peroxide. <i>Science</i> , <b>2003</b> , 300, 964-6	33.3	527
110	Catalytic oxidation of hydrocarbons with hydrogen peroxide by vanadium-based polyoxometalates. <i>Coordination Chemistry Reviews</i> , <b>2011</b> , 255, 2358-2370	23.2	291
109	Efficient stereo- and regioselective hydroxylation of alkanes catalysed by a bulky polyoxometalate. <i>Nature Chemistry</i> , <b>2010</b> , 2, 478-83	17.6	257
108	A bifunctional tungstate catalyst for chemical fixation of CO <sub>2</sub> at atmospheric pressure. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 6700-3	16.4	218
107	Effect of MnO Crystal Structure on Aerobic Oxidation of 5-Hydroxymethylfurfural to 2,5-Furandicarboxylic Acid. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 890-900	16.4	174
106	Efficient oxidative alkyne homocoupling catalyzed by a monomeric dicopper-substituted silicotungstate. <i>Angewandte Chemie - International Edition</i> , <b>2008</b> , 47, 2407-10	16.4	165
105	Polyoxovanadometalate-catalyzed selective epoxidation of alkenes with hydrogen peroxide. <i>Angewandte Chemie - International Edition</i> , <b>2005</b> , 44, 5136-41	16.4	161
104	Electronic Effect of Ruthenium Nanoparticles on Efficient Reductive Amination of Carbonyl Compounds. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 11493-11499	16.4	158
103	1,3-Dipolar cycloaddition of organic azides to alkynes by a dicopper-substituted silicotungstate. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 15304-10	16.4	150
102	Palladium(II) containing Keggin silicodecatungstate that efficiently catalyzes hydration of nitriles. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 6425-33	16.4	118
101	Olefin epoxidation with hydrogen peroxide catalyzed by lacunary polyoxometalate [gamma-SiW <sub>10</sub> O <sub>34</sub> H <sub>2</sub> O <sub>2</sub> ] <sup>4-</sup> . <i>Chemistry - A European Journal</i> , <b>2007</b> , 13, 639-48	4.8	115
100	Heterogeneously catalyzed aerobic oxidative biaryl coupling of 2-naphthols and substituted phenols in water. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 6632-40	16.4	113
99	Cyanosilylation of carbonyl compounds with trimethylsilyl cyanide catalyzed by an yttrium-pillared silicotungstate dimer. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 3686-90	16.4	103
98	Heterogeneously-Catalyzed Aerobic Oxidation of 5-Hydroxymethylfurfural to 2,5-Furandicarboxylic Acid with MnO. <i>ChemSusChem</i> , <b>2017</b> , 10, 654-658	8.3	96
97	Hydrogen-bond-assisted epoxidation of homoallylic and allylic alcohols with hydrogen peroxide catalyzed by selenium-containing dinuclear peroxotungstate. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 6997-7004	16.4	92
96	Strategic design and refinement of Lewis acid-base catalysis by rare-earth-metal-containing polyoxometalates. <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 6953-61	5.1	91

95	Efficient [WO <sub>4</sub> ](2-)-catalyzed chemical fixation of carbon dioxide with 2-aminobenzonitriles to quinazoline-2,4(1H,3H)-diones. <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 13001-8	5.1	90
94	Chemo- and regioselective direct hydroxylation of arenes with hydrogen peroxide catalyzed by a divanadium-substituted phosphotungstate. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 7275-8	16.4	90
93	Recent progress in the development of solid catalysts for biomass conversion into high value-added chemicals. <i>Science and Technology of Advanced Materials</i> , <b>2015</b> , 16, 034903	7.1	87
92	Synthesis, structural characterization, and catalytic performance of dititanium-substituted gamma-Keggin silicotungstate. <i>Inorganic Chemistry</i> , <b>2006</b> , 45, 2347-56	5.1	87
91	Green Oxidation Reactions by Polyoxometalate-Based Catalysts: From Molecular to Solid Catalysts. <i>Topics in Catalysis</i> , <b>2010</b> , 53, 876-893	2.3	81
90	Efficient heterogeneous oxidation of alkylarenes with molecular oxygen. <i>Organic Letters</i> , <b>2004</b> , 6, 3577-80	8.2	81
89	Highly efficient oxidation of sulfides with hydrogen peroxide catalyzed by [SeO(4){WO(O(2))(2)}(2)](2-). <i>Chemical Communications</i> , <b>2009</b> , 3958-60	5.8	77
88	Highly selective, recyclable epoxidation of allylic alcohols with hydrogen peroxide in water catalyzed by dinuclear peroxotungstate. <i>Chemistry - A European Journal</i> , <b>2004</b> , 10, 4728-34	4.8	74
87	Formation of 5-(Hydroxymethyl)furfural by Stepwise Dehydration over TiO <sub>2</sub> with Water-Tolerant Lewis Acid Sites. <i>Journal of Physical Chemistry C</i> , <b>2015</b> , 119, 17117-17125	3.8	72
86	Efficient heterogeneous epoxidation of alkenes by a supported tungsten oxide catalyst. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 12062-6	16.4	69
85	An efficient H <sub>2</sub> O <sub>2</sub> -based oxidative bromination of alkenes, alkynes, and aromatics by a divanadium-substituted phosphotungstate. <i>Chemical Communications</i> , <b>2011</b> , 47, 1692-4	5.8	68
84	Highly selective oxidation of organosilanes to silanols with hydrogen peroxide catalyzed by a lacunary polyoxotungstate. <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 8900-4	16.4	67
83	A highly negatively charged Keggin germanodecatungstate efficient for Knoevenagel condensation. <i>Chemical Communications</i> , <b>2012</b> , 48, 8422-4	5.8	66
82	Efficient epoxidation of electron-deficient alkenes with hydrogen peroxide catalyzed by [PW <sub>10</sub> O <sub>38</sub> V <sub>2</sub> (OH) <sub>2</sub> ] <sup>3-</sup> . <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 7549-59	4.8	60
81	Molecular Design of Polyoxometalate-Based Compounds for Environmentally-Friendly Functional Group Transformations: From Molecular Catalysts to Heterogeneous Catalysts. <i>Catalysis Surveys From Asia</i> , <b>2011</b> , 15, 68-79	2.8	59
80	Efficient, regioselective epoxidation of dienes with hydrogen peroxide catalyzed by [SiW <sub>10</sub> O <sub>34</sub> (H <sub>2</sub> O) <sub>2</sub> ] <sup>4-</sup> . <i>Journal of Catalysis</i> , <b>2004</b> , 224, 224-228	7.3	59
79	A supported copper hydroxide as an efficient, ligand-free, and heterogeneous precatalyst for 1,3-dipolar cycloadditions of organic azides to terminal alkynes. <i>ChemSusChem</i> , <b>2009</b> , 2, 59-62	8.3	58
78	Mu-eta1:eta1-peroxo-bridged dinuclear peroxotungstate catalytically active for epoxidation of olefins. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 3768-74	5.1	57

77	A high performance catalyst of shape-specific ruthenium nanoparticles for production of primary amines by reductive amination of carbonyl compounds. <i>Chemical Science</i> , <b>2018</b> , 9, 5949-5956	9.4	54
76	Epoxidation of alkenes with hydrogen peroxide catalyzed by selenium-containing dinuclear peroxotungstate and kinetic, spectroscopic, and theoretical investigation of the mechanism. <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 2471-8	5.1	54
75	[{W(=O)(O <sub>2</sub> ) <sub>2</sub> (H <sub>2</sub> O)} <sub>2</sub> (ED)] <sub>2</sub> Catalyzed Epoxidation of Allylic Alcohols in Water with High Selectivity and Utilization of Hydrogen Peroxide. <i>Advanced Synthesis and Catalysis</i> , <b>2003</b> , 345, 1193-1196	5.6	53
74	A flexible nonporous heterogeneous catalyst for size-selective oxidation through a bottom-up approach. <i>Angewandte Chemie - International Edition</i> , <b>2010</b> , 49, 9972-6	16.4	52
73	A highly active protonated tetranuclear peroxotungstate for oxidation with hydrogen peroxide. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 4662-5	16.4	50
72	A bifunctional cerium phosphate catalyst for chemoselective acetalization. <i>Chemical Science</i> , <b>2017</b> , 8, 3146-3153	9.4	49
71	Sulfoxidation with hydrogen peroxide catalyzed by [SeO(4){WO(O(2))(2)}(2)](2-). <i>Dalton Transactions</i> , <b>2010</b> , 39, 5509-18	4.3	46
70	A Bifunctional Tungstate Catalyst for Chemical Fixation of CO <sub>2</sub> at Atmospheric Pressure. <i>Angewandte Chemie</i> , <b>2012</b> , 124, 6804-6807	3.6	41
69	Efficient Oxidative Alkyne Homocoupling Catalyzed by a Monomeric Dicopper-Substituted Silicotungstate. <i>Angewandte Chemie</i> , <b>2008</b> , 120, 2441-2444	3.6	38
68	Cyanosilylation of Carbonyl Compounds with Trimethylsilyl Cyanide Catalyzed by an Yttrium-Pillared Silicotungstate Dimer. <i>Angewandte Chemie</i> , <b>2012</b> , 124, 3746-3750	3.6	37
67	A Combined Catalyst of Pt Nanoparticles and TiO <sub>2</sub> with Water-Tolerant Lewis Acid Sites for One-Pot Conversion of Glycerol to Lactic Acid. <i>ChemCatChem</i> , <b>2016</b> , 8, 1094-1099	5.2	37
66	Rhodium acetate/base-catalyzed N-silylation of indole derivatives with hydrosilanes. <i>Chemical Communications</i> , <b>2012</b> , 48, 9269-71	5.8	36
65	Polyoxovanadometalate-Catalyzed Selective Epoxidation of Alkenes with Hydrogen Peroxide. <i>Angewandte Chemie</i> , <b>2005</b> , 117, 5266-5271	3.6	36
64	Synthesis of Dawson-type silicotungstate [H <sub>2</sub> SiW <sub>18</sub> O <sub>62</sub> ] <sup>8-</sup> and protonation and deprotonation inside the aperture through intramolecular hydrogen bonds. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 5946-52	4.8	35
63	Scope of chemical fixation of carbon dioxide catalyzed by a bifunctional monomeric tungstate. <i>Catalysis Today</i> , <b>2014</b> , 226, 160-166	5.3	35
62	Base Catalysis by Mono- and Polyoxometalates. <i>Catalysts</i> , <b>2017</b> , 7, 345	4	35
61	Synthesis and structural characterization of a monomeric di-copper-substituted silicotungstate [H <sub>2</sub> SiW <sub>10</sub> O <sub>36</sub> Cu <sub>2</sub> (H <sub>2</sub> O)(N <sub>3</sub> ) <sub>2</sub> ] <sup>4-</sup> and the catalysis of oxidative homocoupling of alkynes. <i>Journal of Catalysis</i> , <b>2008</b> , 258, 121-130	7.3	35
60	Dioxygen Activation by a Hexagonal SrMnO <sub>3</sub> Perovskite Catalyst for Aerobic Liquid-Phase Oxidation. <i>ChemCatChem</i> , <b>2016</b> , 8, 3247-3253	5.2	34

59	A basic germanodecatungstate with a -7 charge: efficient chemoselective acylation of primary alcohols. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 13248-52	16.4	33
58	Highly Selective Oxidation of Organosilanes to Silanols with Hydrogen Peroxide Catalyzed by a Lacunary Polyoxotungstate. <i>Angewandte Chemie</i> , <b>2009</b> , 121, 9062-9066	3.6	33
57	Molecular design of selective oxidation catalyst with polyoxometalate. <i>Catalysis Today</i> , <b>2006</b> , 117, 32-36	5.3	33
56	Efficient sulfoxidation with hydrogen peroxide catalyzed by a divanadium-substituted phosphotungstate. <i>Catalysis Today</i> , <b>2013</b> , 203, 76-80	5.3	32
55	Perovskite Oxide Catalysts for Liquid-Phase Organic Reactions. <i>Bulletin of the Chemical Society of Japan</i> , <b>2019</b> , 92, 133-151	5.1	32
54	Heterogeneously Catalyzed Aerobic Oxidation of Sulfides with a BaRuO Nanoperovskite. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 23792-23801	9.5	29
53	Design of Highly Functionalized Polyoxometalate-Based Catalysts. <i>Bulletin of the Chemical Society of Japan</i> , <b>2015</b> , 88, 1017-1028	5.1	28
52	A Monovacant Lacunary Silicotungstate as an Efficient Heterogeneous Catalyst for Dehydration of Primary Amides to Nitriles. <i>ChemCatChem</i> , <b>2013</b> , 5, 1725-1728	5.2	27
51	Selective Oxidation with Aqueous Hydrogen Peroxide by [PO <sub>4</sub> {WO(O <sub>2</sub> ) <sub>2</sub> } <sub>4</sub> ] <sub>3</sub> Supported on Zinc-Modified Tin Dioxide. <i>ChemCatChem</i> , <b>2015</b> , 7, 1097-1104	5.2	26
50	Low-Temperature Reductive Amination of Carbonyl Compounds over Ru Deposited on Nb <sub>2</sub> O <sub>5</sub> ·H <sub>2</sub> O. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2019</b> , 7, 4692-4698	8.3	26
49	Amino Acid-Aided Synthesis of a Hexagonal SrMnO Nanoperovskite Catalyst for Aerobic Oxidation. <i>ACS Omega</i> , <b>2017</b> , 2, 1608-1616	3.9	25
48	Preparation of Mesoporous Basic Oxides through Assembly of Monodispersed Mg-Al Layered Double Hydroxide Nanoparticles. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 9362-9368	4.8	24
47	Reversible deprotonation and protonation behaviors of a tetra-protonated Keggin silicodecatungstate. <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 7932-9	5.1	24
46	Oxidative functional group transformations with hydrogen peroxide catalyzed by a divanadium-substituted phosphotungstate. <i>Catalysis Today</i> , <b>2012</b> , 185, 157-161	5.3	24
45	Scope and reaction mechanism of an aerobic oxidative alkyne homocoupling catalyzed by a di-copper-substituted silicotungstate. <i>Catalysis Today</i> , <b>2010</b> , 157, 359-363	5.3	24
44	Liquid-Phase Selective Oxidation by Multimetallic Active Sites of Polyoxometalate-Based Molecular Catalysts. <i>Topics in Organometallic Chemistry</i> , <b>2011</b> , 127-160	0.6	23
43	Liquid-Phase Oxidations with Hydrogen Peroxide and Molecular Oxygen Catalyzed by Polyoxometalate-Based Compounds	185-216	22
42	Liquid-phase oxidation of alkanes with molecular oxygen catalyzed by high valent iron-based perovskite. <i>Chemical Communications</i> , <b>2018</b> , 54, 6772-6775	5.8	20

41	Ambient-temperature oxidative coupling of methane in an electric field by a cerium phosphate nanorod catalyst. <i>Chemical Communications</i> , <b>2019</b> , 55, 4019-4022	5.8	20
40	Extremely Active Hydrogen Evolution Catalyst Electrochemically Generated from a Ruthenium-Based Perovskite-Type Precursor. <i>ACS Applied Energy Materials</i> , <b>2019</b> , 2, 956-960	6.1	19
39	An Efficient One-pot Three-component Reaction to Produce 1,4-Disubstituted-1,2,3-triazoles Catalyzed by a Dicopper-substituted Silicotungstate. <i>Chemistry Letters</i> , <b>2008</b> , 37, 1258-1259	1.7	19
38	Synthesis and oxidation catalysis of a Ti-substituted phosphotungstate, and identification of the active oxygen species. <i>Catalysis Science and Technology</i> , <b>2015</b> , 5, 4778-4789	5.5	18
37	Structural and dynamical aspects of alkylammonium salts of a silicodecatungstate as heterogeneous epoxidation catalysts. <i>Dalton Transactions</i> , <b>2012</b> , 41, 9979-83	4.3	18
36	Template-Free Synthesis of Mesoporous $\text{MnO}$ Nanoparticles: Structure, Formation Mechanism, and Catalytic Properties. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 36004-36013	9.5	17
35	Efficient Heterogeneous Epoxidation of Alkenes by a Supported Tungsten Oxide Catalyst. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 12268-12272	3.6	16
34	A Keggin-type Dimeric Silicotungstate Sandwiching an Adamantanoid Tetra-nuclear Ruthenium-Oxygen Cluster Core. <i>Chemistry Letters</i> , <b>2008</b> , 37, 328-329	1.7	16
33	Effects of ruthenium hydride species on primary amine synthesis by direct amination of alcohols over a heterogeneous Ru catalyst. <i>Chemical Science</i> , <b>2020</b> , 11, 9884-9890	9.4	16
32	Composites of $[\text{H}_2\text{PV}_2\text{W}_{10}\text{O}_{40}]^{3-}$ and $[\text{SiW}_{12}\text{O}_{40}]^{4-}$ supported on $\text{Fe}_2\text{O}_3$ as heterogeneous catalysts for selective oxidation with aqueous hydrogen peroxide. <i>Catalysis Science and Technology</i> , <b>2015</b> , 5, 2602-2611	5.5	15
31	Investigation of the Reaction Mechanism for the Epoxidation of Alkenes with Hydrogen Peroxide Catalyzed by a Protonated Tetranuclear Peroxotungstate with NMR Spectroscopy, Kinetics, and DFT Calculations. <i>European Journal of Inorganic Chemistry</i> , <b>2013</b> , 2013, 1943-1950	2.3	14
30	Highly Selective Epoxidation of Cycloaliphatic Alkenes with Aqueous Hydrogen Peroxide Catalyzed by $[\text{PO}_4\{\text{WO}(\text{O}_2)_2\}_4]^{3-}$ /imidazole. <i>ChemCatChem</i> , <b>2014</b> , 6, 2327-2332	5.2	13
29	Selective N-Alkylation of Indoles with $\alpha$ -Unsaturated Compounds Catalyzed by a Monomeric Phosphate. <i>ChemCatChem</i> , <b>2014</b> , 6, 2333-2338	5.2	13
28	A Highly Active Protonated Tetranuclear Peroxotungstate for Oxidation with Hydrogen Peroxide. <i>Angewandte Chemie</i> , <b>2012</b> , 124, 4740-4743	3.6	13
27	Chemo- and Regioselective Direct Hydroxylation of Arenes with Hydrogen Peroxide Catalyzed by a Divanadium-Substituted Phosphotungstate. <i>Angewandte Chemie</i> , <b>2012</b> , 124, 7387-7390	3.6	13
26	A Flexible Nonporous Heterogeneous Catalyst for Size-Selective Oxidation through a Bottom-Up Approach. <i>Angewandte Chemie</i> , <b>2010</b> , 122, 10168-10172	3.6	13
25	Photoassist-phosphorylated $\text{TiO}_2$ as a catalyst for direct formation of 5-(hydroxymethyl)furfural from glucose. <i>Physical Chemistry Chemical Physics</i> , <b>2017</b> , 19, 3688-3693	3.6	12
24	One-pot aerobic oxidative sulfonamidation of aromatic thiols with ammonia by a dual-functional $\text{MnO}$ nanocatalyst. <i>Chemical Communications</i> , <b>2020</b> , 56, 2095-2098	5.8	11



23	Synthesis and structural characterization of inorganic-organic-inorganic hybrids of dipalladium-substituted Keggin silicodecatungstates. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 2662-70	5.1	11
22	Synthesis and structural characterization of BINOL-modified chiral polyoxometalates. <i>Dalton Transactions</i> , <b>2015</b> , 44, 10947-51	4.3	11
21	Hydrosilylation of Various Multiple Bonds by a Simple Combined Catalyst of a Tungstate Monomer and Rhodium Acetate. <i>Chemistry Letters</i> , <b>2013</b> , 42, 980-982	1.7	11
20	Aerobic oxidative CC bond cleavage of aromatic alkenes by a high valency iron-containing perovskite catalyst. <i>Catalysis Science and Technology</i> , <b>2021</b> , 11, 2369-2373	5.5	10
19	Efficient Oxygen Evolution Electrocatalysis on CaFe <sub>2</sub> O <sub>4</sub> and Its Reaction Mechanism. <i>ACS Applied Energy Materials</i> , <b>2021</b> , 4, 3057-3066	6.1	10
18	A Basic Germanodecatungstate with a $\pi$ Charge: Efficient Chemoselective Acylation of Primary Alcohols. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 13464-13468	3.6	8
17	Synthesis, Structural Characterization, and Oxidation Catalysis of a Diniobium-substituted Silicodecatungstate. <i>Chemistry Letters</i> , <b>2015</b> , 44, 899-901	1.7	7
16	One-pot reductive amination of carbonyl compounds with nitro compounds over a Ni/NiO composite.. <i>RSC Advances</i> , <b>2020</b> , 10, 32296-32300	3.7	7
15	Electronic Effect in a Ruthenium Catalyst Designed in Nanoporous N-Functionalized Carbon for Efficient Hydrogenation of Heteroarenes. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 52668-52677	9.5	6
14	Activation of Hydrogen Peroxide by Polyoxometalates <b>2008</b> , 155-176		5
13	Base-Assisted Aerobic C-H Oxidation of Alkylarenes with a Murdochite-Type Oxide MgMnO Nanoparticle Catalyst.. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2022</b> ,	9.5	5
12	Liquid-Phase Oxidations Catalyzed by Polyoxometalates <b>2006</b> , 463-492		5
11	Efficient Epoxidation of Olefins with 99% Selectivity and Use of Hydrogen Peroxide.. <i>ChemInform</i> , <b>2003</b> , 34, no		4
10	Iron phosphate nanoparticle catalyst for direct oxidation of methane into formaldehyde: effect of surface redox and acid-base properties. <i>Catalysis Science and Technology</i> ,	5.5	4
9	Structure-Function Relationships in Fructose Dehydration to 5-Hydroxymethylfurfural under Mild Conditions by Porous Ionic Crystals Constructed with Analogous Building Blocks. <i>ChemCatChem</i> , <b>2019</b> , 11, 3745-3749	5.2	3
8	Cyclopropanation of Olefins with Diazo Compounds Catalyzed by a Dicopper-substituted Silicotungstate [H <sub>2</sub> SiW <sub>10</sub> O <sub>36</sub> Cu <sub>2</sub> (Et <sub>3</sub> N) <sub>2</sub> ] <sub>4</sub> · <i>Chemistry Letters</i> , <b>2010</b> , 39, 702-703	1.7	3
7	Benzylic C H fluorination over supported silver catalyst. <i>Molecular Catalysis</i> , <b>2019</b> , 475, 110463	3.3	2
6	Novel All-inorganic Mononuclear Chloro Oxo Diperoxotungstate. <i>Chemistry Letters</i> , <b>2013</b> , 42, 476-478	1.7	2

5	Metal oxide electrocatalyst support for carbon-free durable electrodes with excellent corrosion resistance at high potential conditions. <i>Sustainable Energy and Fuels</i> , <b>2021</b> , 5, 1374-1378	5.8	2
4	Deposition of highly dispersed gold nanoparticles onto metal phosphates by deposition-precipitation with aqueous ammonia. <i>Catalysis Science and Technology</i> ,	5.5	1
3	A Heterogeneous Cobalt Catalyst for C-C Bond Formation by Borrowing Hydrogen Strategy. <i>Catalysis Science and Technology</i> ,	5.5	1
2	Focus on advanced inorganic materials science: non-traditional concepts and approaches. <i>Science and Technology of Advanced Materials</i> , <b>2015</b> , 16, 020302	7.1	
1	Inside Cover: Efficient Epoxidation of Electron-Deficient Alkenes with Hydrogen Peroxide Catalyzed by $[\text{PW}_{10}\text{O}_{38}\text{V}_2(\text{OH})_2]^{3-}$ (Chem. Eur. J. 27/2011). <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 7378-7378	4.8	