Kosuke Suzuki

List of Publications by Year in descending order

94 papers	4,345 citations	109264 35 h-index	114418 63 g-index
121 all docs	121 docs citations	121 times ranked	3954 citing authors

#	Article	IF	Citations
1	Fluorous Nanodroplets Structurally Confined in an Organopalladium Sphere. Science, 2006, 313, 1273-1276.	6.0	294
2	Protein encapsulation within synthetic molecular hosts. Nature Communications, 2012, 3, 1093.	5.8	208
3	24-Fold Endohedral Functionalization of a Self-Assembled M12L24 Coordination Nanoball. Journal of the American Chemical Society, 2005, 127, 11950-11951.	6.6	180
4	Reversible switching of single-molecule magnet behaviors by transformation of dinuclear dysprosium cores in polyoxometalates. Chemical Science, 2013, 4, 596-600.	3.7	174
5	Solvato-Controlled Assembly of Pd3L6 and Pd4L8 Coordination â€œBoxesâ€. Angewandte Chemie - International Edition, 2007, 46, 2819-2822.	7.2	173
6	Polyoxometalate Photocatalysis for Liquid-Phase Selective Organic Functional Group Transformations. ACS Catalysis, 2018, 8, 10809-10825.	5.5	161
7	Self-assembly of an M6L12 coordination cube. Chemical Communications, 2009, , 1638.	2.2	153
8	Visibleâ€Lightâ€Induced Photoredox Catalysis with a Tetraceriumâ€Containing Silicotungstate. Angewandte Chemie - International Edition, 2014, 53, 5356-5360.	7.2	142
9	Template synthesis of precisely monodisperse silica nanoparticles within self-assembled organometallic spheres. Nature Chemistry, 2010, 2, 25-29.	6.6	140
10	Controlled Assembly Synthesis of Atomically Precise Ultrastable Silver Nanoclusters with Polyoxometalates. Journal of the American Chemical Society, 2019, 141, 19550-19554.	6.6	121
11	Endohedral Peptide Lining of a Self-Assembled Molecular Sphere To Generate Chirality-Confined Hollows. Journal of the American Chemical Society, 2007, 129, 10652-10653.	6.6	113
12	Cyanosilylation of Carbonyl Compounds with Trimethylsilyl Cyanide Catalyzed by an Yttriumâ€Pillared Silicotungstate Dimer. Angewandte Chemie - International Edition, 2012, 51, 3686-3690.	7.2	112
13	Strategic Design and Refinement of Lewis Acidâ€“Base Catalysis by Rare-Earth-Metal-Containing Polyoxometalates. Inorganic Chemistry, 2012, 51, 6953-6961.	1.9	101
14	Molybdenum-doped Î±-MnO₂ as an efficient reusable heterogeneous catalyst for aerobic sulfide oxygenation. Catalysis Science and Technology, 2016, 6, 222-233.	2.1	101
15	Coronene Nanophase within Coordination Spheres: Increased Solubility of C60. Journal of the American Chemical Society, 2010, 132, 2544-2545.	6.6	99
16	Field-induced slow magnetic relaxation of octahedrally coordinated mononuclear Fe(<scp>iii</scp>)-, Co(<scp>ii</scp>)-, and Mn(<scp>iii</scp>)-containing polyoxometalates. Chemical Communications, 2015, 51, 4081-4084.	2.2	96
17	Self-Assembly of Anionic Polyoxometalateâ€“Organic Architectures Based on Lacunary Phosphomolybdates and Pyridyl Ligands. Journal of the American Chemical Society, 2019, 141, 7687-7692.	6.6	91
18	A discrete octahedrally shaped [Ag₆]⁴⁺cluster encapsulated within silicotungstate ligands. Chemical Communications, 2013, 49, 376-378.	2.2	76

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19	Threeâ€Dimensional Ordered Arrays of 58Ã—58Ã—58â€…Ã…³ Hollow Frameworks in Ionic Crystals of M₂Zn₂â€Substituted Polyoxometalates. Angewandte Chemie - International Edition, 2012, 51, 1597-1601.	7.2	69
20	Heterodinuclear Lanthanoidâ€Containing Polyoxometalates: Stepwise Synthesis and Singleâ€Molecule Magnet Behavior. Chemistry - A European Journal, 2013, 19, 12982-12990.	1.7	62
21	Discrete and Wellâ€Defined Hydrophobic Phases Confined in Selfâ€Assembled Spherical Complexes. Angewandte Chemie - International Edition, 2008, 47, 5780-5782.	7.2	59
22	Synthesis and Disassembly/Reassembly of Giant Ringâ€Shaped Polyoxotungstate Oligomers. Angewandte Chemie - International Edition, 2016, 55, 9630-9633.	7.2	58
23	Polyoxometalate LUMO engineering: a strategy for visible-light-responsive aerobic oxygenation photocatalysts. Chemical Communications, 2018, 54, 7127-7130.	2.2	56
24	An Ultrastable, Small {Ag₇}⁵⁺ Nanocluster within a Triangular Hollow Polyoxometalate Framework. Angewandte Chemie - International Edition, 2020, 59, 16361-16365.	7.2	55
25	Emission Color Trajectory and White Electroluminescence Through Supramolecular Control of Energy Transfer and Exciplex Formation in Binary Blends of Conjugated Polyrotaxanes. Advanced Functional Materials, 2012, 22, 4284-4291.	7.8	50
26	Photoredox catalysis for oxygenation/deoxygenation between sulfides and sulfoxides by visible-light-responsive polyoxometalates. New Journal of Chemistry, 2016, 40, 1014-1021.	1.4	46
27	Sequential Synthesis of 3dâ€“3dâ€²â€“4f Heterometallic Heptanuclear Clusters in between Lacunary Polyoxometalates. Inorganic Chemistry, 2016, 55, 2023-2029.	1.9	45
28	Incarceration of (PdO)_n and Pd_n Clusters by Cageâ€Templated Synthesis of Hollow Silica Nanoparticles. Angewandte Chemie - International Edition, 2012, 51, 5893-5896.	7.2	43
29	Synthesis of Îµâ€Dawsonâ€Type Silicotungstate [Îµâ€Si₂W₁₈O₆₂]^{8â^'} and Protonation and Deprotonation Inside the Aperture through Intramolecular Hydrogen Bonds. Chemistry - A European Journal, 2014, 20, 5946-5952.	1.7	43
30	Selectivity switch in the aerobic oxygenation of sulfides photocatalysed by visible-light-responsive decavanadate. Green Chemistry, 2020, 22, 3896-3905.	4.6	40
31	A Molecular Hybrid of an Atomically Precise Silver Nanocluster and Polyoxometalates for H₂ Cleavage into Protons and Electrons. Angewandte Chemie - International Edition, 2021, 60, 16994-16998.	7.2	38
32	A cascade approach to hetero-pentanuclear manganese-oxide clusters in polyoxometalates and their single-molecule magnet properties. Dalton Transactions, 2015, 44, 14220-14226.	1.6	36
33	A modular synthesis approach to multinuclear heterometallic oxo clusters in polyoxometalates. Chemical Communications, 2017, 53, 7533-7536.	2.2	35
34	The Precise Synthesis and Growth of Coreâ€“Shell Nanoparticles within a Selfâ€Assembled Spherical Template. Angewandte Chemie - International Edition, 2011, 50, 4858-4861.	7.2	34
35	CuCl/TMEDA/nor-AZADO-catalyzed aerobic oxidative acylation of amides with alcohols to produce imides. Chemical Science, 2018, 9, 4756-4768.	3.7	34
36	Ligandâ€Directed Approach in Polyoxometalate Synthesis: Formation of a New Divacant Lacunary Polyoxomolybdate [Î³â€PMo₁₀O₃₆]^{7â^'}. Angewandte Chemie - International Edition, 2021, 60, 6960-6964.	7.2	34

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37	Selective Oxidation with Aqueous Hydrogen Peroxide by [PO₄{WO(O₂)₂}₄]^{3â^'} Supported on Zincâ€Modified Tin Dioxide. ChemCatChem, 2015, 7, 1097-1104.	1.8	33
38	Robotic Stepwise Synthesis of Hetero-Multinuclear Metal Oxo Clusters as Single-Molecule Magnets. Journal of the American Chemical Society, 2021, 143, 12809-12816.	6.6	33
39	Synthesis and Reversible Transformation of Cu_n-Bridged (n = 1, 2, or 4) Silicodecatungstate Dimers. Inorganic Chemistry, 2012, 51, 11574-11581.	1.9	30
40	Synthesis and oxidation catalysis of a Ti-substituted phosphotungstate, and identification of the active oxygen species. Catalysis Science and Technology, 2015, 5, 4778-4789.	2.1	27
41	Alkoxides of Trivacant Lacunary Polyoxometalates. Chemistry - A European Journal, 2017, 23, 14213-14220.	1.7	27
42	Aerobic Oxygenation of Alkylarenes over Ultrafine Transitionâ€Metalâ€Containing Manganeseâ€Based Oxides. ChemCatChem, 2018, 10, 1096-1106.	1.8	27
43	A protecting group strategy to access stable lacunary polyoxomolybdates for introducing multinuclear metal clusters. Chemical Science, 2021, 12, 1240-1244.	3.7	27
44	Synthesis, Structure Characterization, and Reversible Transformation of a Cobalt Salt of a Dilacunary Î³-Keggin Silicotungstate and Sandwich-Type Di- and Tetracobalt-Containing Silicotungstate Dimers. Inorganic Chemistry, 2013, 52, 8644-8652.	1.9	26
45	Hydrogen Evolution Using the Visible-light-induced Metal-to-polyoxometalate Multiple Electron Transfer. Chemistry Letters, 2014, 43, 1429-1431.	0.7	25
46	Visibleâ€Lightâ€Responsive Multielectron Redox Catalysis of Lacunary Polyoxometalates Induced by Substrate Coordination to Their Lacuna. Chemistry - an Asian Journal, 2015, 10, 144-148.	1.7	23
47	Regioselective direct oxidative Câ€“H cyanation of quinoline and its derivatives catalyzed by vanadium-containing heteropoly acids. Chemical Communications, 2015, 51, 10034-10037.	2.2	21
48	Hexanuclear tin(<scp>ii</scp>) and mixed valence tin(<scp>ii</scp>,<scp>iv</scp>) oxide clusters within polyoxometalates. Chemical Communications, 2016, 52, 10688-10691.	2.2	21
49	â€œRelease and catchâ€•catalysis by tungstate species for the oxidative cleavage of olefins. Catalysis Science and Technology, 2017, 7, 1662-1670.	2.1	20
50	Ring-Shaped Polyoxometalates Possessing Multiple 3d Metal Cation Sites: [{M₂(OH₂)₂}₂{M(OH₂)₂}₄(α-P₂W₁₅O₅₆)₄]²⁰⁻ (M = Mn, Co, Ni, Cu, Zn). Inorganic Chemistry, 2019, 58, 7722-7729.	2.1	20
51	Methylâ€Selective Î±â€Oxygenation of Tertiary Amines to Formamides by Employing Copper/Moderately Hindered Nitroxyl Radical (DMNâ€AZADO or 1â€Meâ€AZADO). Angewandte Chemie - International Edition, 2019, 58, 16651-16659.	7.2	19
52	Variable control of the electronic states of a silver nanocluster via protonation/deprotonation of polyoxometalate ligands. Chemical Science, 2022, 13, 5557-5561.	3.7	19
53	Synthesis of ultrasmall Liâ€“Mn spinel oxides exhibiting unusual ion exchange, electrochemical and catalytic properties. Scientific Reports, 2015, 5, 15011.	1.6	17
54	Waterâ€•and Temperatureâ€Triggered Reversible Structural Transformation of Tetranuclear Cobalt(II) Cores Sandwiched by Polyoxometalates. Chemistry - A European Journal, 2016, 22, 3962-3966.	1.7	17

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55	Phosphovanadomolybdic acid catalyzed direct Câ€“H trifluoromethylation of (hetero)arenes using NaSO₂CF₃ as the CF₃ source and O₂ as the terminal oxidant. New Journal of Chemistry, 2017, 41, 1417-1420.	1.4	17
56	Visible-light-responsive catalysis of a zinc-introduced lacunary disilicoicosatungstate for the deoxygenation of pyridine N-oxides. New Journal of Chemistry, 2017, 41, 13226-13229.	1.4	17
57	An Ultrastable, Small {Ag 7 } 5+ Nanocluster within a Triangular Hollow Polyoxometalate Framework. Angewandte Chemie, 2020, 132, 16503-16507.	1.6	17
58	Synthesis of a Bridging Ligand with a Non-denatured Protein Pendant: Toward Protein Encapsulation in a Coordination Cage. Chemistry Letters, 2012, 41, 313-315.	0.7	16
59	Composites of [Î³-H₂PV₂W₁₀O₄₀]^{3â^'} and [Î±-SiW₁₂O₄₀]^{4â^'} supported on Fe₂O₃ as heterogeneous catalysts for selective oxidation with aqueous hydrogen peroxide. Catalysis Science and Technology, 2015, 5, 2602-2611.	2.1	16
60	Selective Deoxygenation of Pyridine Nâ€Oxides through Photoredox Catalysis of a Dilacunary Silicotungstate. ChemistrySelect, 2016, 1, 5042-5048.	0.7	16
61	Effect of Heteroatoms on Field-Induced Slow Magnetic Relaxation of Mononuclear Fe^{III} (S = 5/2) Ions within Polyoxometalates. Inorganic Chemistry, 2018, 57, 6957-6964.	1.9	16
62	Supported Anionic Gold Nanoparticle Catalysts Modified Using Highly Negatively Charged Multivacant Polyoxometalates. Angewandte Chemie - International Edition, 2022, 61, .	7.2	16
63	Platinum-supporting hollandite-type vanadiumâ€“chromium mixed oxides as efficient heterogeneous catalysts for deoxygenation of sulfoxides under atmospheric H₂ pressure. Catalysis Science and Technology, 2017, 7, 1912-1920.	2.1	15
64	Synthesis and structural characterization of BINOL-modified chiral polyoxometalates. Dalton Transactions, 2015, 44, 10947-10951.	1.6	14
65	Phosphovanadomolybdic acid catalyzed desulfurizationâ€“oxygenation of secondary and tertiary thioamides into amides using molecular oxygen as the terminal oxidant. New Journal of Chemistry, 2016, 40, 4865-4869.	1.4	14
66	Synthesis and Disassembly/Reassembly of Giant Ringâ€Shaped Polyoxotungstate Oligomers. Angewandte Chemie, 2016, 128, 9782-9785.	1.6	14
67	Creation of bismuthâ€“tungsten oxide nanoclusters using lacunary polyoxometalates. Dalton Transactions, 2017, 46, 7384-7387.	1.6	14
68	Hexavacant Î³-Dawson-type phosphotungstates supporting an edge-sharing bis(square-pyramidal) {O₂M(Î¼₃-O)₂(Î¼-OAc)MO₂} core (M = Mn²⁺,) Tj ETQq0 0 0 rgBT /O 2019, 48, 7281-7289.	1.6	14
69	Synthesis of N-Acylsulfenamides through Aerobic Cross Dehydrogenative Coupling of Thiols and Amides by Supported Copper Hydroxide Catalyst. Chemistry Letters, 2016, 45, 173-175.	0.7	13
70	â€œTemplate synthesisâ€•of discrete metal clusters with two- or three-dimensional architectures. Coordination Chemistry Reviews, 2022, 469, 214673.	9.5	13
71	Ligand-Protecting Strategy for the Controlled Construction of Multinuclear Copper Cores within a Ring-Shaped Polyoxometalate. Inorganic Chemistry, 2022, 61, 9841-9848.	1.9	10
72	Synthesis, Structural Characterization, and Oxidation Catalysis of a Diniobium-substituted Silicodecatungstate. Chemistry Letters, 2015, 44, 899-901.	0.7	8

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73	Photoredox Catalysis of Visible-light-responsive Divacant Lacunary Silicotungstate for Selective Reduction of Aldehydes. Chemistry Letters, 2017, 46, 1379-1382.	0.7	8
74	Nanostructured Manganese Oxides within a Ringâ€Shaped Polyoxometalate Exhibiting Unusual Oxidation Catalysis. Chemistry - A European Journal, 2022, 28, .	1.7	8
75	Rational Lowâ€Temperature Synthesis of Ultrasmall Nanocrystalline Manganese Binary Oxide Catalysts under Controlled Metal Cation Hydration in Organic Media. ChemNanoMat, 2016, 2, 297-306.	1.5	7
76	Selective oxidation of methane into formaldehyde and carbon monoxide catalyzed by supported thermally stable iron oxide subnanoclusters prepared from a diiron-introduced polyoxometalate precursor. Applied Catalysis B: Environmental, 2022, 314, 121420.	10.8	7
77	Porous Cubic Cesium Salts of Silicododecatungstate(molybdate)/Borododecatungstate Blends: Synthesis and Molecular Adsorption Properties. Inorganic Chemistry, 2018, 57, 8821-8830.	1.9	6
78	Exploring orientationally aligned anisotropic large spin molecules with unusual long-distance intermolecular ferromagnetic interactions. Journal of Materials Chemistry C, 2019, 7, 12918-12925.	2.7	6
79	Ligandâ€Directed Approach in Polyoxometalate Synthesis: Formation of a New Divacant Lacunary Polyoxomolybdate [Î³â€PMo 10 O 36] 7â^'. Angewandte Chemie, 2021, 133, 7036-7040.	1.6	6
80	A Molecular Hybrid of an Atomically Precise Silver Nanocluster and Polyoxometalates for H 2 Cleavage into Protons and Electrons. Angewandte Chemie, 2021, 133, 17131-17135.	1.6	6
81	Supersilyl as an effective monodentate ligand to stabilize four-coordinate manganese(<scp>ii</scp>) complexes. Dalton Transactions, 2020, 49, 17537-17541.	1.6	5
82	Heterogeneously Niâ€“Pd nanoparticle-catalyzed base-free formal Câ€“S bond metathesis of thiols. Chemical Communications, 2021, 57, 3749-3752.	2.2	5
83	Synthesis of a phosphomolybdate with a tetranuclear vanadium core by installing vanadium atoms in a lacunary template using the protecting group strategy. Chemical Communications, 2021, 57, 7882-7885.	2.2	4
84	New Strategy for Precise Synthesis of Polyoxometalate Catalysts with Designed Active Sites. Journal of the Japan Petroleum Institute, 2020, 63, 258-266.	0.4	4
85	Cu/N-Oxyl-catalyzed aerobic oxidative esterification to oxalic acid diesters from ethylene glycol via highly selective intermolecular alcohol oxidation. Green Chemistry, 2022, 24, 2017-2026.	4.6	4
86	Supported Anionic Gold Nanoparticle Catalysts Modified Using Highly Negatively Charged Multivacant Polyoxometalates. Angewandte Chemie, 0, , .	1.6	4
87	Methylâ€Selective Î±â€Oxygenation of Tertiary Amines to Formamides by Employing Copper/Moderately Hindered Nitroxyl Radical (DMNâ€AZADO or 1â€Meâ€AZADO). Angewandte Chemie, 2019, 131, 16804-16812.	1.6	3
88	Organozirconium Complex with Keggin-Type Mono-Aluminum-Substituted Silicotungstate: Synthesis, Molecular Structure, and Catalytic Performance for Meerweinâ€“Ponndorfâ€“Verley Reduction. Catalysis Letters, 2016, 146, 2119-2128.	1.4	2
89	Thermal Treatment of a Kegginâ€Type Diplatinum(II)â€Coordinated Polyoxotungstate: Formation of Hydrophilic Colloidal Particles and Photocatalytic Hydrogen Production. European Journal of Inorganic Chemistry, 2020, 2020, 3917-3924.	1.0	2
90	Precise Design of Polyoxometalates and their Application to Photocatalyst. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2022, 80, 149-157.	0.0	1

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91	Titelbild: An Ultrastable, Small {Ag₇}⁵⁺ Nanocluster within a Triangular Hollow Polyoxometalate Framework (Angew. Chem. 38/2020). Angewandte Chemie, 2020, 132, 16389-16389.	1.6	0
92	InnenrÃ¼cktitelbild: Ligandâ€Directed Approach in Polyoxometalate Synthesis: Formation of a New Divacant Lacunary Polyoxomolybdate [Î³â€PMo₁₀O₃₆]^{7â^'} (Angew.) Tj ETQq0 0 0 rgBT /Overloc		
93	Coordination of Palladium(II) and Platinum(II) Complexes to One Vacant Site in an Î±-Keggin-Type Polyoxotungstate. Inorganic Chemistry, 2022, 61, 9445-9453.	1.9	0
94	Development of Environmentally Friendly Dehydrogenative Oxidation Reactions Using Multifunctional Heterogeneous Catalysts. Bulletin of the Chemical Society of Japan, 2022, 95, 1332-1352.	2.0	0