

# Bernold Hasenknopf

## List of Publications by Year in descending order

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91  
papers

5,907  
citations

94433

37  
h-index

71685

76  
g-index

108  
all docs

108  
docs citations

108  
times ranked

3952  
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-Assembly of a Circular Double Helicate. <i>Angewandte Chemie International Edition in English</i> , 1996, 35, 1838-1840.	4.4	613
2	Self-Assembly of Tetra- and Hexanuclear Circular Helicates. <i>Journal of the American Chemical Society</i> , 1997, 119, 10956-10962.	13.7	547
3	Polyoxometalates: introduction to a class of inorganic compounds and their biomedical applications. <i>Frontiers in Bioscience - Landmark</i> , 2005, 10, 275.	3.0	420
4	Efficient Preparation of Functionalized Hybrid Organic/Inorganic Wellsâˆ™Dawson-type Polyoxotungstates. <i>Journal of the American Chemical Society</i> , 2005, 127, 6788-6794.	13.7	192
5	Chirality in Polyoxometalate Chemistry. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 5001-5013.	2.0	184
6	Selbstaufbau eines zirkularen Doppelhelicates. <i>Angewandte Chemie</i> , 1996, 108, 1987-1990.	2.0	180
7	Anderson-Type Heteropolymolybdates Containing Tris(alkoxo) Ligands: Synthesis and Structural Characterization. <i>European Journal of Inorganic Chemistry</i> , 2002, 2002, 1081-1087.	2.0	173
8	Developing Remote Metal Binding Sites in Heteropolymolybdates. <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 2406-2412.	2.0	171
9	Kinetic and Thermodynamic Control in Self-Assembly: Sequential Formation of Linear and Circular Helicates. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 3265-3268.	13.8	165
10	Lanthanide Complexes of the Monovacant Dawson Polyoxotungstate $[\pm 1\text{-P}_2\text{W}_{17}\text{O}_{61}]^{10-}$ as Selective and Recoverable Lewis Acid Catalysts. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 3324-3327.	13.8	161
11	Covalent multi-component systems of polyoxometalates and metal complexes: Toward multi-functional organicâ€“inorganic hybrids in molecular and material sciences. <i>Coordination Chemistry Reviews</i> , 2014, 281, 64-85.	18.8	155
12	Identification of Polyoxometalates as Nanomolar Noncompetitive Inhibitors of Protein Kinase CK2. <i>Chemistry and Biology</i> , 2008, 15, 683-692.	6.0	151
13	Assembly of a polyoxometalate into an anisotropic gel. <i>Chemical Communications</i> , 2003, , 2664.	4.1	134
14	Hybrid Organicâ€“Inorganic Porphyrinâ€“Polyoxometalate Complexes. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 3433-3441.	2.0	131
15	Highly Efficient Peptide Bond Formation to Functionalized Wells-Dawson-Type Polyoxotungstates. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 3404-3406.	13.8	116
16	Synthesis and Photocatalytic Properties of Mixed Polyoxometalateâˆ™Porphyrin Copolymers Obtained from Anderson-Type Polyoxomolybdates. <i>Langmuir</i> , 2010, 26, 5101-5109.	3.5	107
17	Chiral Recognition of Hybrid Metal Oxide by Peptides. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 3466-3468.	13.8	96
18	Regioselective Activation of Oxo Ligands in Functionalized Dawson Polyoxotungstates. <i>Journal of the American Chemical Society</i> , 2008, 130, 4553-4561.	13.7	91

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19	Chemoselective Catalysis with Organosoluble Lewis Acidic Polyoxotungstates. Chemistry - A European Journal, 2010, 16, 7256-7264.	3.3	91
20	Discrete Covalent Organic-Inorganic Hybrids: Terpyridine Functionalized Polyoxometalates Obtained by a Modular Strategy and Their Metal Complexation. Inorganic Chemistry, 2011, 50, 6737-6745.	4.0	85
21	A General Strategy for Ligation of Organic and Biological Molecules to Dawson and Keggin Polyoxotungstates. Organic Letters, 2007, 9, 3981-3984.	4.6	84
22	Synthesis, electrochemical and photophysical properties of covalently linked porphyrin-polyoxometalates. Dalton Transactions, 2013, 42, 2745-2754.	3.3	80
23	Increased Lewis Acidity in Hafnium-Substituted Polyoxotungstates. Chemistry - A European Journal, 2007, 13, 5426-5432.	3.3	76
24	Production and Reactions of Organic-Soluble Lanthanide Complexes of the Monolacunary Dawson [ $\pm 1$ -P <sub>2</sub> W <sub>17</sub> O <sub>61</sub> ]-Polyoxotungstate. Inorganic Chemistry, 2006, 45, 1389-1398.	4.0	74
25	Coordination-driven self-assembly of polyoxometalates into discrete supramolecular triangles. Chemical Communications, 2012, 48, 200-202.	4.1	66
26	Trinuclear Double Helicates of Iron(II) and Nickel(II): Self-assembly and resolution into helical enantiomers. Helvetica Chimica Acta, 1996, 79, 1643-1650.	1.6	59
27	Insertion of Amides into a Polyoxometalate. Angewandte Chemie - International Edition, 2009, 48, 2035-2038.	13.8	58
28	Sensing the Chirality of Dawson Lanthanide Polyoxometalates [ $\pm 1$ -LnP <sub>2</sub> W <sub>17</sub> O <sub>61</sub> ] <sup>7±</sup> by Multinuclear NMR Spectroscopy. Chemistry - A European Journal, 2008, 14, 1532-1540.	3.3	56
29	Supramolecular control of [2 + 2] photodimerization via hydrogen bonding This paper is dedicated to Professor Fred Lewis on the event of his 60th birthday.. Photochemical and Photobiological Sciences, 2003, 2, 1152.	2.9	52
30	Six States Switching of Redox-Active Molecular Tweezers by Three Orthogonal Stimuli. Journal of the American Chemical Society, 2017, 139, 9213-9220.	13.7	48
31	Lanthanide Polyoxocationic Complexes: Experimental and Theoretical Stability Studies and Lewis Acid Catalysis. Chemistry - A European Journal, 2011, 17, 14129-14138.	3.3	46
32	Synthesis and Characterization of a Thermoresponsive Polyoxometalate-Polymer Hybrid. Chemistry - A European Journal, 2012, 18, 3355-3361.	3.3	46
33	Synthesis and characterization of conjugated Dawson-type polyoxometalate-porphyrin copolymers. Dalton Transactions, 2013, 42, 12688.	3.3	46
34	Cyclodextrin Polyrotaxanes as a Highly Modular Platform for the Development of Imaging Agents. Chemistry - A European Journal, 2014, 20, 10915-10920.	3.3	39
35	Mechanostereoselective One-Pot Synthesis of Functionalized Head-to-Head Cyclodextrin [3]Rotaxanes and Their Application as Magnetic Resonance Imaging Contrast Agents. Organic Letters, 2017, 19, 1136-1139.	4.6	37
36	Self-Buffering Hybrid Gold-Polyoxometalate Catalysts for the Catalytic Cyclization of Acid-Sensitive Substrates. Chemistry - A European Journal, 2012, 18, 12962-12965.	3.3	36

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37	Porphyrinâ€“polyoxometalate hybrids connected via a Tris-alkoxo linker for the generation of photocurrent. <i>Electrochimica Acta</i> , 2013, 110, 726-734.	5.2	36
38	A Strategy for the Analysis of Chiral Polyoxotungstates by Multinuclear ( <sup>31</sup> P, <sup>183</sup> W) NMR Spectroscopy Applied to the Assignment of the <sup>183</sup> W NMR Spectra of $\text{[}\pm 1\text{-[P}_2\text{W}_{17}\text{O}_{61}\text{]^{10-}}\text{]}$ and $\text{[}\pm 1\text{-[YbP}_2\text{W}_{17}\text{O}_{61}\text{]^{7-}}\text{]}$ . <i>Journal of the American Chemical Society</i> , 2006, 128, 5735-5744.	13.7	35
39	A light-harvesting polyoxometalate-polypyridine hybrid induces electron transfer as its Re(i) complex. <i>Dalton Transactions</i> , 2014, 43, 6990-6993.	3.3	35
40	Crossâ€“Linking Organic and Polyoxometalate Chemistries. <i>Israel Journal of Chemistry</i> , 2011, 51, 275-280.	2.3	34
41	Lindqvist-Type (Aryldiazenido)polyoxomolybdates â€“ Synthesis, and Structural and Spectroscopic Characterization of Compounds of the Type $(\text{nBu}_4\text{N})_3[\text{Mo}_6\text{O}_{18}(\text{N}_2\text{Ar})]$ . <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 2757-2766.	2.0	33
42	Switchable platinum-based tweezers with Ptâ€“Pt bonding and selective luminescence quenching. <i>Dalton Transactions</i> , 2015, 44, 8543-8551.	3.3	31
43	Terpy(Ptâ€“salphen) <sub>2</sub> Switchable Luminescent Molecular Tweezers. <i>Chemistry - A European Journal</i> , 2014, 20, 15799-15807.	3.3	30
44	Generation of Photocurrent by Visibleâ€“Light Irradiation of Conjugated Dawson Polyoxophosphovanadotungstateâ€“Porphyrin Copolymers. <i>Chemistry - A European Journal</i> , 2015, 21, 8271-8280.	3.3	30
45	Lewisâ€“Acidic Polyoxometalates as Reusable Catalysts for the Synthesis of Glucuronic Acid Esters under Microwave Irradiation. <i>ChemSusChem</i> , 2010, 3, 1249-1252.	6.8	28
46	Dinuclear Ru(ii) complexes of bis-(dipyrid-2-yl)triazine (bis-dpt) ligands as efficient electron reservoirs. <i>Chemical Communications</i> , 2011, 47, 3586.	4.1	28
47	Highly Efficient Peptide Bond Formation to Functionalized Wells-Dawson-Type Polyoxotungstates. <i>Angewandte Chemie</i> , 2003, 115, 3526-3528.	2.0	25
48	Amphiphilic Polyoxometalates for the Controlled Synthesis of Hybrid Polystyrene Particles with Surface Reactivity. <i>Chemistry - A European Journal</i> , 2015, 21, 2948-2953.	3.3	25
49	Photoinduced energy transfer in a rod-like dinuclear Ru(ii) complex containing bis-pyridyl-1,3,5-triazine ligands. <i>Dalton Transactions</i> , 2009, , 3964.	3.3	24
50	Carbonyl-Inserted Organo-Hybrids of a Dawson-Type Phosphovanadotungstate: Scope and Chemoselective Oxidation Catalysis. <i>Organic Letters</i> , 2011, 13, 5990-5993.	4.6	22
51	Intramolecular Anion Effect in Polyoxometalateâ€“Based Organocatalysts: Reactivity Enhancement and Chirality Transfer by a Metal Oxideâ€“Organic Cation Interaction. <i>Chemistry - A European Journal</i> , 2014, 20, 16074-16077.	3.3	21
52	Chiral Dawsonâ€“Type Hybrid Polyoxometalate Catalyzes Enantioselective Dielsâ€“Alder Reactions. <i>Chemistry - A European Journal</i> , 2015, 21, 16512-16516.	3.3	21
53	Water Dissociation on $\text{[}\pm 1\text{-Hafnium and Ytterbium Substituted Dawson Polyoxotungstates]}$ : A Density Functional Theory Study. <i>Journal of Physical Chemistry A</i> , 2008, 112, 13002-13005.	2.5	20
54	Synthesis of Wellâ€“Defined Dawsonâ€“Type Poly( <i>N,N</i> -(diethylacrylamide) Organopolyoxometalates. <i>ChemPlusChem</i> , 2014, 79, 250-256.	2.8	20

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55	Electrochemical primer extension for the detection of single nucleotide polymorphisms in the cardiomyopathy associated MYH7 gene. Chemical Communications, 2016, 52, 757-759.	4.1	19
56	Substrate-dependent allosteric regulation by switchable catalytic molecular tweezers. Communications Chemistry, 2019, 2, .	4.5	19
57	Paramagnetic Ru(III) complexes of tridentate ligands: Characterization of useful intermediates for heteroleptic Ru(II) complexes. Inorganic Chemistry Communication, 2011, 14, 399-402.	3.9	18
58	Postfunctionalization of Keggin silicotungstates by general coupling procedures. Polyhedron, 2014, 68, 131-137.	2.2	18
59	Biofunctionalization of Polyoxometalates with DNA Primers, Their Use in the Polymerase Chain Reaction (PCR) and Electrochemical Detection of PCR Products. Chemistry - A European Journal, 2015, 21, 17721-17727.	3.3	18
60	PCR Incorporation of Polyoxometalate Modified Deoxynucleotide Triphosphates and Their Application in Molecular Electrochemical Sensing of <i>Yersinia pestis</i> . Chemistry - A European Journal, 2017, 23, 10597-10603.	3.3	17
61	Understanding the redox properties of dinuclear ruthenium(ii) complexes by a joint experimental and theoretical analysis. Dalton Transactions, 2013, 42, 5281.	3.3	16
62	Pd-Containing Organopolyoxometalates Derived from Dawson Polyoxometalate [P2W15V3O62]9 <sup>-</sup> : Lewis Acidity and Dual Site Catalysis. Organic Letters, 2014, 16, 3860-3863.	4.6	16
63	Mechanical switching of magnetic interaction by tweezers-type complex. Chemical Communications, 2015, 51, 12916-12919.	4.1	16
64	Switching Magnetic Properties by a Mechanical Motion. Magnetochemistry, 2018, 4, 5.	2.4	16
65	Electrochemical primer extension based on polyoxometalate electroactive labels for multiplexed detection of single nucleotide polymorphisms. Biosensors and Bioelectronics, 2018, 117, 201-206.	10.1	16
66	Spanning Pairs of Rh <sub>2</sub> (acetate) <sub>4</sub> Units with Ru(II) Complexes. Inorganic Chemistry, 2008, 47, 6112-6114.	4.0	15
67	Symmetric and Asymmetric Coupling of Pyridylpyrimidine for the Synthesis of Polynucleating Ligands. European Journal of Inorganic Chemistry, 2002, 2002, 2549-2552.	2.0	14
68	Synthesis and characterization of Lindqvist-type polyoxometalate-porphyrin copolymers. Electrochimica Acta, 2015, 179, 326-335.	5.2	14
69	Covalent hybrids based on Re( <sup>i</sup> ) tricarbonyl complexes and polypyridine-functionalized polyoxometalate: synthesis, characterization and electronic properties. Dalton Transactions, 2017, 46, 10029-10036.	3.3	14
70	The first solid state structure of a triruthenium polypyridyl complex. Chemical Communications, 2004, , 1314.	4.1	13
71	A divergent strategy for covalently-tethered (tpy) <sub>2</sub> Ru(ii) systems based on Rh <sub>2</sub> (N,N'-diphenylbenzamidinates) <sub>4</sub> . Dalton Transactions, 2009, , 3671.	3.3	13
72	Copolymeric films obtained by electropolymerization of porphyrins and dipyriddy-spacers including Dawson-type polyoxometalates. Journal of Solid State Electrochemistry, 2015, 19, 2611-2621.	2.5	13

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73	Study of the temperature-induced aggregation of polyoxometalate-poly(N,N-diethylacrylamide) hybrids in water. <i>Polymer</i> , 2015, 57, 173-182.	3.8	12
74	Hybrid polyoxometalate palladacycles: DFT study and application to the Heck reaction. <i>Tetrahedron</i> , 2013, 69, 5772-5779.	1.9	11
75	Exploring the utility of organo-polyoxometalate hybrids to inhibit SOX transcription factors. <i>Cell Regeneration</i> , 2014, 3, 3:10.	2.6	11
76	Size-dependent compression of threaded alkylidiphosphate in head to head cyclodextrin [3]pseudorotaxanes. <i>Chemical Science</i> , 2022, 13, 2218-2225.	7.4	9
77	Precise Rate Control of Pseudorotaxane Dethreading by pH-Responsive Selectively Functionalized Cyclodextrins. <i>Organic Letters</i> , 2021, 23, 7938-7942.	4.6	8
78	Regioselective Double Organic Functionalization of Polyoxotungstates through Electrophilic Addition of Aromatic Isocyanates to $[P_2W_{17}O_{61}(SnR)]^{7-}$ . <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 1737-1741.	2.0	7
79	Addition of carbon nucleophiles to hemiaminals promoted by a Lewis acidic polyoxotungstate. <i>Organic Chemistry Frontiers</i> , 2014, 1, 1091-1095.	4.5	7
80	Palladium(II)-Directed Self-Assembly of a Neutral Molecular Triangle as a Heteroditopic Receptor for Ion Pairs. <i>Inorganic Chemistry</i> , 2014, 53, 10039-10041.	4.0	7
81	Heteroleptic ruthenium( $\text{II}$ ) chromophores based on tunable polytopic $4\text{-}(\text{benzamidinato})\text{-}2,2\text{-}6\text{-}2\text{-terpyridines}$ . <i>Dalton Transactions</i> , 2016, 45, 17850-17858.	3.3	7
82	Synthesis and Guest Recognition of Switchable Pt-Salphen Based Molecular Tweezers. <i>Molecules</i> , 2018, 23, 990.	3.8	6
83	Dual switchable molecular tweezers incorporating anisotropic $\text{Mn}^{\text{III}}$ salphen complexes. <i>Dalton Transactions</i> , 2020, 49, 8872-8882.	3.3	6
84	Energy transfer in rhodium-ruthenium dimer-of-dimer assemblies. <i>Inorganica Chimica Acta</i> , 2017, 454, 208-215.	2.4	4
85	Kinetic and Thermodynamic Control in Self-Assembly: Sequential Formation of Linear and Circular Helicates. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 3265-3268.	13.8	3
86	5-Phenyl-2-(4-pyridyl)pyrimidine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o584-o584.	0.2	3
87	Diethyl 4-(4-tert-butylphenyl)pyridine-2,6-dicarboxylate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o2560-o2562.	0.2	1
88	Efficient Preparation of Functionalized Hybrid Organic/Inorganic Wells Dawson-Type Polyoxotungstates. <i>ChemInform</i> , 2005, 36, no.	0.0	0
89	Functionalized Deoxynucleotides and DNA Primers for Electrochemical Diagnostics of Disease Predispositions. <i>ECS Transactions</i> , 2017, 77, 1873-1883.	0.5	0
90	Stable Carboxylate-Terminated Gold Surfaces Produced by Spontaneous Grafting of an Alkyltin Compound. <i>Chemistry - A European Journal</i> , 2018, 24, 11177-11184.	3.3	0

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91	Ligand-induced self-assembly of polyoxometalates. Acta Crystallographica Section A: Foundations and Advances, 2017, 73, C1087-C1087.	0.1	0