

Bernold Hasenknopf

List of Publications by Year in descending order

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91
papers

5,907
citations

94433

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71685

76
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108
all docs

108
docs citations

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times ranked

3952
citing authors

#	ARTICLE	IF	CITATIONS
1	Size-dependent compression of threaded alkylidiphosphate in head to head cyclodextrin [3]pseudorotaxanes. <i>Chemical Science</i> , 2022, 13, 2218-2225.	7.4	9
2	Precise Rate Control of Pseudorotaxane Dethreading by pH-Responsive Selectively Functionalized Cyclodextrins. <i>Organic Letters</i> , 2021, 23, 7938-7942.	4.6	8
3	Dual switchable molecular tweezers incorporating anisotropic Mn ^{III} salphen complexes. <i>Dalton Transactions</i> , 2020, 49, 8872-8882.	3.3	6
4	Substrate-dependent allosteric regulation by switchable catalytic molecular tweezers. <i>Communications Chemistry</i> , 2019, 2, .	4.5	19
5	Synthesis and Guest Recognition of Switchable Pt-Salphen Based Molecular Tweezers. <i>Molecules</i> , 2018, 23, 990.	3.8	6
6	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
7	Switching Magnetic Properties by a Mechanical Motion. <i>Magnetochemistry</i> , 2018, 4, 5.	2.4	16
8	Electrochemical primer extension based on polyoxometalate electroactive labels for multiplexed detection of single nucleotide polymorphisms. <i>Biosensors and Bioelectronics</i> , 2018, 117, 201-206.	10.1	16
9	Mechanostereoselective One-Pot Synthesis of Functionalized Head-to-Head Cyclodextrin [3]Rotaxanes and Their Application as Magnetic Resonance Imaging Contrast Agents. <i>Organic Letters</i> , 2017, 19, 1136-1139.	4.6	37
10	PCR Incorporation of Polyoxometalate Modified Deoxynucleotide Triphosphates and Their Application in Molecular Electrochemical Sensing of <i>Yersinia pestis</i> . <i>Chemistry - A European Journal</i> , 2017, 23, 10597-10603.	3.3	17
11	Six States Switching of Redox-Active Molecular Tweezers by Three Orthogonal Stimuli. <i>Journal of the American Chemical Society</i> , 2017, 139, 9213-9220.	13.7	48
12	Functionalized Deoxynucleotides and DNA Primers for Electrochemical Diagnostics of Disease Predispositions. <i>ECS Transactions</i> , 2017, 77, 1873-1883.	0.5	0
13	Covalent hybrids based on Re(ⁱ) tricarbonyl complexes and polypyridine-functionalized polyoxometalate: synthesis, characterization and electronic properties. <i>Dalton Transactions</i> , 2017, 46, 10029-10036.	3.3	14
14	Energy transfer in rhodium-ruthenium dimer-of-dimer assemblies. <i>Inorganica Chimica Acta</i> , 2017, 454, 208-215.	2.4	4
15	Ligand-induced self-assembly of polyoxometalates. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2017, 73, C1087-C1087.	0.1	0
16	Heteroleptic ruthenium(ⁱⁱ) chromophores based on tunable polytopic 4-(benzamidinato)-2,2,2-terpyridines. <i>Dalton Transactions</i> , 2016, 45, 17850-17858.	3.3	7
17	Electrochemical primer extension for the detection of single nucleotide polymorphisms in the cardiomyopathy associated MYH7 gene. <i>Chemical Communications</i> , 2016, 52, 757-759.	4.1	19
18	Chiral Dawson-Type Hybrid Polyoxometalate Catalyzes Enantioselective Diels-Alder Reactions. <i>Chemistry - A European Journal</i> , 2015, 21, 16512-16516.	3.3	21

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19	Generation of Photocurrent by Visible-Light Irradiation of Conjugated Dawson Polyoxophosphovanadotungstate-Porphyrin Copolymers. <i>Chemistry - A European Journal</i> , 2015, 21, 8271-8280.	3.3	30
20	Biofunctionalization of Polyoxometalates with DNA Primers, Their Use in the Polymerase Chain Reaction (PCR) and Electrochemical Detection of PCR Products. <i>Chemistry - A European Journal</i> , 2015, 21, 17721-17727.	3.3	18
21	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
22	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
23	Mechanical switching of magnetic interaction by tweezers-type complex. <i>Chemical Communications</i> , 2015, 51, 12916-12919.	4.1	16
24	Synthesis and characterization of Lindqvist-type polyoxometalate-porphyrin copolymers. <i>Electrochimica Acta</i> , 2015, 179, 326-335.	5.2	14
25	Copolymeric films obtained by electropolymerization of porphyrins and dipyriddy-spacers including Dawson-type polyoxometalates. <i>Journal of Solid State Electrochemistry</i> , 2015, 19, 2611-2621.	2.5	13
26	Switchable platinum-based tweezers with Pt-Pt bonding and selective luminescence quenching. <i>Dalton Transactions</i> , 2015, 44, 8543-8551.	3.3	31
27	Cyclodextrin Polyrotaxanes as a Highly Modular Platform for the Development of Imaging Agents. <i>Chemistry - A European Journal</i> , 2014, 20, 10915-10920.	3.3	39
28	Exploring the utility of organo-polyoxometalate hybrids to inhibit SOX transcription factors. <i>Cell Regeneration</i> , 2014, 3, 3:10.	2.6	11
29	Synthesis of Well-Defined Dawson-Type Poly(N,N-diethylacrylamide) Organopolyoxometalates. <i>ChemPlusChem</i> , 2014, 79, 250-256.	2.8	20
30	Intramolecular Anion Effect in Polyoxometalate-Based Organocatalysts: Reactivity Enhancement and Chirality Transfer by a Metal Oxide-Organic Cation Interaction. <i>Chemistry - A European Journal</i> , 2014, 20, 16074-16077.	3.3	21
31	Addition of carbon nucleophiles to hemiaminals promoted by a Lewis acidic polyoxotungstate. <i>Organic Chemistry Frontiers</i> , 2014, 1, 1091-1095.	4.5	7
32	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
33	Covalent multi-component systems of polyoxometalates and metal complexes: Toward multi-functional organic-inorganic hybrids in molecular and material sciences. <i>Coordination Chemistry Reviews</i> , 2014, 281, 64-85.	18.8	155
34	Pd-Containing Organopolyoxometalates Derived from Dawson Polyoxometalate [P2W15V3O62]9-: Lewis Acidity and Dual Site Catalysis. <i>Organic Letters</i> , 2014, 16, 3860-3863.	4.6	16
35	Terpy(Pt-salphen) ₂ Switchable Luminescent Molecular Tweezers. <i>Chemistry - A European Journal</i> , 2014, 20, 15799-15807.	3.3	30
36	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

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37	Postfunctionalization of Keggin silicotungstates by general coupling procedures. <i>Polyhedron</i> , 2014, 68, 131-137.	2.2	18
38	Hybrid polyoxometalate palladacycles: DFT study and application to the Heck reaction. <i>Tetrahedron</i> , 2013, 69, 5772-5779.	1.9	11
39	Understanding the redox properties of dinuclear ruthenium(ii) complexes by a joint experimental and theoretical analysis. <i>Dalton Transactions</i> , 2013, 42, 5281.	3.3	16
40	Porphyry polyoxometalate hybrids connected via a Tris-alkoxo linker for the generation of photocurrent. <i>Electrochimica Acta</i> , 2013, 110, 726-734.	5.2	36
41	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
42	Synthesis, electrochemical and photophysical properties of covalently linked porphyry polyoxometalates. <i>Dalton Transactions</i> , 2013, 42, 2745-2754.	3.3	80
43	Synthesis and characterization of conjugated Dawson-type polyoxometalate porphyry copolymers. <i>Dalton Transactions</i> , 2013, 42, 12688.	3.3	46
44	Self-Buffering Hybrid Gold-Polyoxometalate Catalysts for the Catalytic Cyclization of Acid-Sensitive Substrates. <i>Chemistry - A European Journal</i> , 2012, 18, 12962-12965.	3.3	36
45	Coordination-driven self-assembly of polyoxometalates into discrete supramolecular triangles. <i>Chemical Communications</i> , 2012, 48, 200-202.	4.1	66
46	Synthesis and Characterization of a Thermoresponsive Polyoxometalate-Polymer Hybrid. <i>Chemistry - A European Journal</i> , 2012, 18, 3355-3361.	3.3	46
47	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
48	Discrete Covalent Organic-Inorganic Hybrids: Terpyridine Functionalized Polyoxometalates Obtained by a Modular Strategy and Their Metal Complexation. <i>Inorganic Chemistry</i> , 2011, 50, 6737-6745.	4.0	85
49	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
50	Cross-Linking Organic and Polyoxometalate Chemistries. <i>Israel Journal of Chemistry</i> , 2011, 51, 275-280.	2.3	34
51	Lanthanide Polyoxocationic Complexes: Experimental and Theoretical Stability Studies and Lewis Acid Catalysis. <i>Chemistry - A European Journal</i> , 2011, 17, 14129-14138.	3.3	46
52	Paramagnetic Ru(III) complexes of tridentate ligands: Characterization of useful intermediates for heteroleptic Ru(II) complexes. <i>Inorganic Chemistry Communication</i> , 2011, 14, 399-402.	3.9	18
53	Synthesis and Photocatalytic Properties of Mixed Polyoxometalate-Porphyrin Copolymers Obtained from Anderson-Type Polyoxomolybdates. <i>Langmuir</i> , 2010, 26, 5101-5109.	3.5	107
54	Lewis-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

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55	Chemoselective Catalysis with Organosoluble Lewis Acidic Polyoxotungstates. <i>Chemistry - A European Journal</i> , 2010, 16, 7256-7264.	3.3	91
56	Insertion of Amides into a Polyoxometalate. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 2035-2038.	13.8	58
57	Chiral Recognition of Hybrid Metal Oxide by Peptides. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 3466-3468.	13.8	96
58	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
59	A divergent strategy for covalently-tethered (tpy) ₂ Ru(II) systems based on Rh ₂ (N,N'-diphenylbenzamidinate) ₄ . <i>Dalton Transactions</i> , 2009, , 3671.	3.3	13
60	Sensing the Chirality of Dawson Lanthanide Polyoxometalates [Ln ₁ P ₂ W ₁₇ O ₆₁] ⁷⁻ by Multinuclear NMR Spectroscopy. <i>Chemistry - A European Journal</i> , 2008, 14, 1532-1540.	3.3	56
61	Hybrid Organic-Inorganic Porphyrin Polyoxometalate Complexes. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 3433-3441.	2.0	131
62	Chirality in Polyoxometalate Chemistry. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 5001-5013.	2.0	184
63	Identification of Polyoxometalates as Nanomolar Noncompetitive Inhibitors of Protein Kinase CK2. <i>Chemistry and Biology</i> , 2008, 15, 683-692.	6.0	151
64	Spanning Pairs of Rh ₂ (acetate) ₄ Units with Ru(II) Complexes. <i>Inorganic Chemistry</i> , 2008, 47, 6112-6114.	4.0	15
65	Regioselective Activation of Oxo Ligands in Functionalized Dawson Polyoxotungstates. <i>Journal of the American Chemical Society</i> , 2008, 130, 4553-4561.	13.7	91
66	Water Dissociation on ± 1 -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
67	5-Phenyl-2-(4-pyridyl)pyrimidine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o584-o584.	0.2	3
68	A General Strategy for Ligation of Organic and Biological Molecules to Dawson and Keggin Polyoxotungstates. <i>Organic Letters</i> , 2007, 9, 3981-3984.	4.6	84
69	Increased Lewis Acidity in Hafnium-Substituted Polyoxotungstates. <i>Chemistry - A European Journal</i> , 2007, 13, 5426-5432.	3.3	76
70	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
71	A Strategy for the Analysis of Chiral Polyoxotungstates by Multinuclear (³¹ P, ¹⁸³ W) NMR Spectroscopy Applied to the Assignment of the ¹⁸³ W NMR Spectra of ± 1 -[P ₂ W ₁₇ O ₆₁] ₁₀ - and ± 1 -[YbP ₂ W ₁₇ O ₆₁] ₇ -. <i>Journal of the American Chemical Society</i> , 2006, 128, 5735-5744.	13.7	35
72	Production and Reactions of Organic-Soluble Lanthanide Complexes of the Monolacunary Dawson [± 1 -P ₂ W ₁₇ O ₆₁] ₁₀ -Polyoxotungstate. <i>Inorganic Chemistry</i> , 2006, 45, 1389-1398.	4.0	74

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73	Lanthanide Complexes of the Monovacant Dawson Polyoxotungstate [±1-P2W17O61]10âˆ™ as Selective and Recoverable Lewis Acid Catalysts. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 3324-3327.	13.8	161
74	Efficient Preparation of Functionalized Hybrid Organic/Inorganic Wellsâ€™Dawson-Type Polyoxotungstates.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
75	Polyoxometalates: introduction to a class of inorganic compounds and their biomedical applications. <i>Frontiers in Bioscience - Landmark</i> , 2005, 10, 275.	3.0	420
76	Efficient Preparation of Functionalized Hybrid Organic/Inorganic Wellsâ€™Dawson-type Polyoxotungstates. <i>Journal of the American Chemical Society</i> , 2005, 127, 6788-6794.	13.7	192
77	The first solid state structure of a triruthenium polypyridyl complex. <i>Chemical Communications</i> , 2004, , 1314.	4.1	13
78	Developing Remote Metal Binding Sites in Heteropolymolybdates. <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 2406-2412.	2.0	171
79	Lindqvist-Type (Aryldiazenido)polyoxomolybdates â€™ Synthesis, and Structural and Spectroscopic Characterization of Compounds of the Type (nBu4N)3[Mo6O18(N2Ar)]. <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 2757-2766.	2.0	33
80	Highly Efficient Peptide Bond Formation to Functionalized Wells-Dawson-Type Polyoxotungstates. <i>Angewandte Chemie</i> , 2003, 115, 3526-3528.	2.0	25
81	Highly Efficient Peptide Bond Formation to Functionalized Wells-Dawson-Type Polyoxotungstates. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 3404-3406.	13.8	116
82	Assembly of a polyoxometalate into an anisotropic gel. <i>Chemical Communications</i> , 2003, , 2664.	4.1	134
83	Supramolecular control of [2 + 2] photodimerization via hydrogen bondingThis paper is dedicated to Professor Fred Lewis on the event of his 60th birthday.. <i>Photochemical and Photobiological Sciences</i> , 2003, 2, 1152.	2.9	52
84	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
85	Symmetric and Asymmetric Coupling of Pyridylpyrimidine for the Synthesis of Polynucleating Ligands. <i>European Journal of Inorganic Chemistry</i> , 2002, 2002, 2549-2552.	2.0	14
86	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
87	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
88	Self-Assembly of Tetra- and Hexanuclear Circular Helicates. <i>Journal of the American Chemical Society</i> , 1997, 119, 10956-10962.	13.7	547
89	Trinuclear Double Helicates of Iron(II) and Nickel(II): Self-assembly and resolution into helical enantiomers. <i>Helvetica Chimica Acta</i> , 1996, 79, 1643-1650.	1.6	59
90	Selbstaufbau eines zirkularen Doppelhelicates. <i>Angewandte Chemie</i> , 1996, 108, 1987-1990.	2.0	180

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91	Self-Assembly of a Circular Double Helicate. <i>Angewandte Chemie International Edition in English</i> , 1996, 35, 1838-1840.	4.4	613