

# William Harman

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7372279/publications.pdf>

Version: 2024-02-01

25  
papers

1,457  
citations

687220

13  
h-index

610775

24  
g-index

28  
all docs

28  
docs citations

28  
times ranked

1860  
citing authors

#	ARTICLE	IF	CITATIONS
1	Slow Magnetic Relaxation in a Family of Trigonal Pyramidal Iron(II) Pyrrolide Complexes. <i>Journal of the American Chemical Society</i> , 2010, 132, 18115-18126.	6.6	317
2	Reversible H <sub>2</sub> Addition across a Nickel-Borane Unit as a Promising Strategy for Catalysis. <i>Journal of the American Chemical Society</i> , 2012, 134, 5080-5082.	6.6	310
3	A d <sup>10</sup> Ni(H <sub>2</sub> ) Adduct as an Intermediate in H <sub>2</sub> Oxidative Addition across a Ni-B Bond. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 1081-1086.	7.2	155
4	Facile Si-H bond activation and hydrosilylation catalysis mediated by a nickel-borane complex. <i>Chemical Science</i> , 2014, 5, 590-597.	3.7	128
5	N-Heterocyclic Carbene-Stabilized Boranthrene as a Metal-Free Platform for the Activation of Small Molecules. <i>Journal of the American Chemical Society</i> , 2017, 139, 11032-11035.	6.6	94
6	N <sub>2</sub> O Activation and Oxidation Reactivity from a Non-Heme Iron Pyrrole Platform. <i>Journal of the American Chemical Society</i> , 2007, 129, 15128-15129.	6.6	88
7	PbS/CdS Core-Shell Quantum Dots Suppress Charge Transfer and Enhance Triplet Transfer. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 16583-16587.	7.2	74
8	A Terminal N <sub>2</sub> Complex of High-Spin Iron(I) in a Weak, Trigonal Ligand Field. <i>Journal of the American Chemical Society</i> , 2015, 137, 8940-8943.	6.6	47
9	Supramolecular Catalysis of the oxo-Pictet-Spengler Reaction with an Endohedrally Functionalized Self-Assembled Cage Complex. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 23505-23509.	7.2	40
10	A Molecular Boroauride: A Donor-Acceptor Complex of Anionic Gold. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 10413-10417.	7.2	35
11	Well-Defined Vanadium Organoazide Complexes and Their Conversion to Terminal Vanadium Imides: Structural Snapshots and Evidence for a Nitrene Capture Mechanism. <i>Inorganic Chemistry</i> , 2012, 51, 10037-10042.	1.9	22
12	Supramolecular Catalysis of the oxo-Pictet-Spengler Reaction with an Endohedrally Functionalized Self-Assembled Cage Complex. <i>Angewandte Chemie</i> , 2020, 132, 23711-23715.	1.6	17
13	Copper and Silver Complexes of a Redox-Active Diphosphine-Diboranthracene Ligand. <i>Inorganic Chemistry</i> , 2018, 57, 15406-15413.	1.9	14
14	Small Structural Variations Have Large Effects on the Assembly Properties and Spin State of Room Temperature High Spin Fe(II) Iminopyridine Cages. <i>Inorganic Chemistry</i> , 2018, 57, 13386-13396.	1.9	14
15	C=O scission and reductive coupling of organic carbonyls by a redox-active diboranthracene. <i>Chemical Communications</i> , 2020, 56, 4480-4483.	2.2	12
16	Cooperative dinitrogen capture by a diboranthracene/samarocene pair. <i>Dalton Transactions</i> , 2021, 50, 15000-15002.	1.6	12
17	PbS/CdS Core-Shell Quantum Dots Suppress Charge Transfer and Enhance Triplet Transfer. <i>Angewandte Chemie</i> , 2017, 129, 16810-16814.	1.6	11
18	Nickel complexes of phosphine-appended benzannulated boron heterocycles. <i>Tetrahedron</i> , 2019, 75, 2255-2260.	1.0	10

#	ARTICLE	IF	CITATIONS
19	CO <sub>2</sub> reduction with protons and electrons at a boron-based reaction center. <i>Chemical Science</i> , 2019, 10, 9084-9090.	3.7	9
20	H <sub>2</sub> evolution from H <sub>2</sub> O via O-H oxidative addition across a 9,10-diboraanthracene. <i>Chemical Communications</i> , 2020, 56, 13804-13807.	2.2	9
21	A Molecular Boroauride: A Donor-Acceptor Complex of Anionic Gold. <i>Angewandte Chemie</i> , 2017, 129, 10549-10553.	1.6	7
22	η <sup>2</sup> -Arene Binding at High-Spin Fe(I) Enabled by a Sterically Accommodating Tris(pyrazolyl)hydroborate Ligand. <i>Organometallics</i> , 2020, 39, 2545-2552.	1.1	4
23	Solid-State <sup>11</sup> B NMR Studies of Coinage Metal Complexes Containing a Phosphine Substituted Diboraanthracene Ligand. <i>Dalton Transactions</i> , 2021, 50, 14855-14863.	1.6	1
24	Innenr¼cktitelbild: A Molecular Boroauride: A Donor-Acceptor Complex of Anionic Gold (Angew.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.8	0
25	Assembly and Redox-Rich Hydride Chemistry of an Asymmetric Mo <sub>2</sub> S <sub>2</sub> Platform. <i>Molecules</i> , 2020, 25, 3090.	1.7	0