

# Graham E Dobereiner

## List of Publications by Year in descending order

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30  
papers

2,995  
citations

471509

17  
h-index

501196

28  
g-index

37  
all docs

37  
docs citations

37  
times ranked

3709  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dehydrogenation as a Substrate-Activating Strategy in Homogeneous Transition-Metal Catalysis. <i>Chemical Reviews</i> , 2010, 110, 681-703.	47.7	1,457
2	Secondary Coordination Sphere Interactions Facilitate the Insertion Step in an Iridium(III) CO <sub>2</sub> Reduction Catalyst. <i>Journal of the American Chemical Society</i> , 2011, 133, 9274-9277.	13.7	388
3	Iridium-Catalyzed Hydrogenation of N-Heterocyclic Compounds under Mild Conditions by an Outer-Sphere Pathway. <i>Journal of the American Chemical Society</i> , 2011, 133, 7547-7562.	13.7	296
4	Oxidative Synthesis of Amides and Pyrroles via Dehydrogenative Alcohol Oxidation by Ruthenium Diphosphine Diamine Complexes. <i>Organometallics</i> , 2011, 30, 4174-4179.	2.3	180
5	An Experimental/Theoretical Study of the Factors That Affect the Switch between Ruthenium-Catalyzed Dehydrogenative Amide Formation versus Amine Alkylation. <i>Organometallics</i> , 2010, 29, 6548-6558.	2.3	103
6	Cu(II)-mediated oxidative dimerization of 2-phenylpyridine derivatives. <i>Tetrahedron</i> , 2009, 65, 3085-3089.	1.9	66
7	Catalytic Synthesis of <i>n</i> -Alkyl Arenes through Alkyl Group Cross-Metathesis. <i>Journal of the American Chemical Society</i> , 2013, 135, 12572-12575.	13.7	57
8	Solid state transformation of the crystalline monohydrate (CH <sub>3</sub> NH <sub>3</sub> )PbI <sub>3</sub> (H <sub>2</sub> O) to the (CH <sub>3</sub> NH <sub>3</sub> )PbI <sub>3</sub> perovskite. <i>Chemical Communications</i> , 2015, 51, 11290-11292.	4.1	51
9	Acyl Protection Strategy for Synthesis of a Protic NHC Complex via N-Acyl Methanolysis. <i>Organometallics</i> , 2010, 29, 5728-5731.	2.3	50
10	The roles of Lewis acidic additives in organotransition metal catalysis. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 2055-2069.	2.8	50
11	A One-Pot Tandem Olefin Isomerization/Metathesis-Coupling (ISOMET) Reaction. <i>ACS Catalysis</i> , 2014, 4, 3069-3076.	11.2	45
12	Pentafluorophenylimido Alkylidene Complexes of Molybdenum and Tungsten. <i>Organometallics</i> , 2012, 31, 4650-4653.	2.3	31
13	Monoaryloxy Pyrrolide (MAP) Imido Alkylidene Complexes of Molybdenum and Tungsten That Contain 2,6-Bis(2,5-R <sub>2</sub> -pyrrolyl)phenoxide (R = <i>i</i> -Pr, Ph) Ligands and an Unsubstituted Metallacyclobutane on Its Way to Losing Ethylene. <i>Organometallics</i> , 2013, 32, 2489-2492.	2.3	31
14	Selective Isomerization of Terminal Alkenes to (Z)-2-Alkenes Catalyzed by an Air-Stable Molybdenum(0) Complex. <i>Organometallics</i> , 2018, 37, 482-490.	2.3	27
15	Acceleration of Pd-Catalyzed Amide N-Arylations Using Cocatalytic Metal Triflates: Substrate Scope and Mechanistic Study. <i>ACS Catalysis</i> , 2017, 7, 5862-5870.	11.2	26
16	Internal Alkyne Regio- and Chemoselectivity using a Zwitterionic N-Heterocyclic Carbene Gold Catalyst in a Silver-Free Alkyne Hydration Reaction. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 4106-4113.	4.3	25
17	High-Throughput Discovery and Evaluation of a General Catalytic Method for <i>N</i> -Arylation of Weakly Nucleophilic Sulfonamides. <i>Organic Letters</i> , 2019, 21, 8981-8986.	4.6	21
18	Mild, Reversible Reaction of Iridium(III) Amido Complexes with Carbon Dioxide. <i>Inorganic Chemistry</i> , 2012, 51, 9683-9693.	4.0	20

#	ARTICLE	IF	CITATIONS
19	Excitonic and Confinement Effects of 2D Layered (C <sub>10</sub> H <sub>21</sub> NH <sub>3</sub> ) <sub>2</sub> PbBr <sub>4</sub> Single Crystals. ACS Applied Energy Materials, 2018, 1, 1476-1482.	5.1	14
20	Hydrogenation of Quinaldine and Benzylic Aldehydes both Separately and Combined in a Tandem Hydrogenation—Reductive Alkylation of Quinaldine by Aldehydes with Iridium Benzoquinoline Catalysts. Organometallics, 2013, 32, 4501-4506.	2.3	13
21	Comparing Interactions of a Three-Coordinate Pd Cation with Common Weakly Coordinating Anions. Organometallics, 2018, 37, 2376-2385.	2.3	9
22	Concise Syntheses of bis-Strychnos Alkaloids (â€“)Sungucine, (â€“)Isosungucine, and (â€“)Strychnogucine B from (â€“)Strychnine. Chemistry - A European Journal, 2016, 22, 11593-11596.	3.3	7
23	Imidazolyl-phenyl (IMP) anions: a modular structure for tuning solubility and coordinating ability. Dalton Transactions, 2019, 48, 14138-14155.	3.3	7
24	Palladium and Platinum Acyl Complexes and Their Lewis Acid Adducts. Experimental and Computational Study of Thermodynamics and Bonding. Organometallics, 2015, 34, 4069-4075.	2.3	6
25	Scalable and Chemoselective Synthesis of Î³-Keto Esters and Acids via Pd-Catalyzed Carbonylation of Cyclic Î²-Chloro Enones. Organometallics, 2019, 38, 85-96.	2.3	5
26	The influence of additives on orthogonal reaction pathways in the Mizoroki—Heck arylation of vinyl ethers. Reaction Chemistry and Engineering, 2021, 6, 1212-1219.	3.7	4
27	Synthesis and Properties of N-Arylpyrrole-Functionalized Poly(1-hexene-alt-CO). Macromolecules, 2018, 51, 9323-9332.	4.8	2
28	Synthesis of Bis-Strychnos Alkaloids (â€“)Sungucine, (â€“)Isosungucine, and (â€“)Strychnogucine B from (â€“)Strychnine. Journal of the Brazilian Chemical Society, 0, , .	0.6	1
29	Pioneers and Influencers in Organometallic Chemistry: Professor Robert Crabtreeâ€™s Storied Career via an Unusual Journey to the Ivy League. Organometallics, 2021, 40, 295-301.	2.3	1
30	Tungstenâ€™s tandem transformation. Nature Chemistry, 0, , .	13.6	1