

Gregory H Robinson

List of Publications by Year in descending order

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62
papers

5,183
citations

196777

29
h-index

145109

60
g-index

66
all docs

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docs citations

66
times ranked

2401
citing authors

#	ARTICLE	IF	CITATIONS
1	A Cationic Magnesium-Based Dithiolene Radical. <i>Organometallics</i> , 2022, 41, 527-531.	1.1	0
2	Phosphine-Mediated Cleavage of Sulfur-Sulfur Bonds. <i>Organometallics</i> , 2022, 41, 3099-3103.	1.1	1
3	Structure of copper(I) and silver(I) complexes with zwitterionic ligands derived from N-Heterocyclic Carbenes. <i>Inorganica Chimica Acta</i> , 2021, 514, 120033.	1.2	6
4	Carbene-Stabilized Dithiolene (L ⁰) Zwitterions. <i>Angewandte Chemie</i> , 2021, 133, 22888.	1.6	0
5	Carbene-Stabilized Dithiolene (L ⁰) Zwitterions. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 22706-22710.	7.2	6
6	A Chemistry lecture in November and the virtues of taking a risk. <i>Journal of Coordination Chemistry</i> , 2021, 74, 6-9.	0.8	0
7	Carbene-mediated synthesis of a germanium tris(dithiolene)dianion. <i>Chemical Communications</i> , 2021, 57, 2543-2546.	2.2	3
8	A Stable Naked Dithiolene Radical Anion and Synergic THF Ring-Opening. <i>Journal of the American Chemical Society</i> , 2020, 142, 17301-17305.	6.6	11
9	Carbene-Stabilized Disilicon as a Silicon-Transfer Agent: Synthesis of a Dianionic Silicon Tris(dithiolene) Complex. <i>Angewandte Chemie</i> , 2020, 132, 8949-8952.	1.6	4
10	C5 Metalation of Imidazole-Based Monothiolates en Route to Selenothiolates. <i>Organometallics</i> , 2020, 39, 4178-4182.	1.1	2
11	Unusual Structures of the Parent Molecules Diarsene, Distibene, and Dibismuthene: Toward Their Observation. <i>Chemistry - A European Journal</i> , 2020, 26, 14159-14166.	1.7	2
12	Carbene-Stabilized Disilicon as a Silicon-Transfer Agent: Synthesis of a Dianionic Silicon Tris(dithiolene) Complex. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 8864-8867.	7.2	16
13	Reduction of Dinitrogen via 2,3-Bipyridine-Mediated Tetraboration. <i>Journal of the American Chemical Society</i> , 2020, 142, 6244-6250.	6.6	35
14	Lewis base-complexed magnesium dithiolenes. <i>Chemical Communications</i> , 2019, 55, 8087-8089.	2.2	9
15	Redox chemistry of an anionic dithiolene radical. <i>Dalton Transactions</i> , 2019, 48, 3543-3546.	1.6	12
16	Labile Imidazolium Cyclopentadienides. <i>Organometallics</i> , 2019, 38, 4578-4584.	1.1	4
17	1,3,2-Diazaborole-derived carbene complexes of boron. <i>Dalton Transactions</i> , 2018, 47, 41-44.	1.6	2
18	Stable Boron Dithiolene Radicals. <i>Angewandte Chemie</i> , 2018, 130, 7991-7994.	1.6	6

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19	Stable Boron Dithiolene Radicals. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 7865-7868.	7.2	23
20	C4-Ferrocenylsilyl-bridged and -substituted N-heterocyclic carbenes: complexation of germanium chloride. <i>Dalton Transactions</i> , 2017, 46, 5508-5512.	1.6	6
21	A Stable Anionic Dithiolene Radical. <i>Journal of the American Chemical Society</i> , 2017, 139, 6859-6862.	6.6	49
22	Facile Conversion of Bis-Silylene to Cyclic Silylene Isomers: Unexpected C–N and C–H Bond Cleavage. <i>Journal of the American Chemical Society</i> , 2017, 139, 16109-16112.	6.6	17
23	Protonation of carbene-stabilized diphosphorus: complexation of $\text{HP}_2^+ \text{P}_2^+$. <i>Chemical Communications</i> , 2016, 52, 5746-5748.	2.2	14
24	Push–Pull Stabilization of Parent Monochlorosilylenes. <i>Journal of the American Chemical Society</i> , 2016, 138, 9799-9802.	6.6	26
25	Abnormal carbene–silicon halide complexes. <i>Dalton Transactions</i> , 2016, 45, 5941-5944.	1.6	23
26	Transition–Metal–Mediated Cleavage of a $\text{Si}\equiv\frac{3}{4}\text{Si}$ Double Bond. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 10267-10270.	7.2	20
27	Stabilization of Silicon–Carbon Mixed Oxides. <i>Journal of the American Chemical Society</i> , 2015, 137, 8396-8399.	6.6	71
28	Stabilization of elusive silicon oxides. <i>Nature Chemistry</i> , 2015, 7, 509-513.	6.6	104
29	N-Heterocyclic Carbene–Main-Group Chemistry: A Rapidly Evolving Field. <i>Inorganic Chemistry</i> , 2014, 53, 11815-11832.	1.9	247
30	Dynamic Complexation of Copper(I) Chloride by Carbene–Stabilized Disilicon. <i>Chemistry - A European Journal</i> , 2014, 20, 9208-9211.	1.7	27
31	Synthesis and molecular structure of an abnormal carbene–gallium chloride complex. <i>Dalton Transactions</i> , 2014, 43, 14211-4.	1.6	23
32	N-Heterocyclic Olefin Stabilized Borenium Cations. <i>Organometallics</i> , 2013, 32, 6639-6642.	1.1	69
33	NHC–Stabilized Triorganozincates: Syntheses, Structures, and Transformation to Abnormal Carbene–Zinc Complexes. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 10173-10176.	7.2	58
34	From Anionic N-Heterocyclic Dicarbenes to Abnormal Carbene–Borane Complexes: A Logical Synthetic Route. <i>Organometallics</i> , 2012, 31, 791-793.	1.1	56
35	Carbene-stabilized main group diatomic allotropes. <i>Dalton Transactions</i> , 2012, 41, 337-345.	1.6	232
36	Carbene-stabilized diphosphorus: bidentate complexation of BH_2^+ . <i>Chemical Communications</i> , 2011, 47, 9224.	2.2	34

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37	Carbene Stabilization of Highly Reactive Main-Group Molecules. <i>Inorganic Chemistry</i> , 2011, 50, 12326-12337.	1.9	353
38	Cleavage of Carbene-Stabilized Disilicon. <i>Journal of the American Chemical Society</i> , 2011, 133, 8874-8876.	6.6	98
39	Anionic N-Heterocyclic Dicarbene σ -Borane Binuclear Complexes. <i>Organometallics</i> , 2011, 30, 1303-1306.	1.1	59
40	Carbene Stabilization of Diarsenic: From Hypervalency to Allotropy. <i>Chemistry - A European Journal</i> , 2010, 16, 432-435.	1.7	197
41	Carbene-Stabilized Parent Phosphinidene. <i>Organometallics</i> , 2010, 29, 4778-4780.	1.1	138
42	A Viable Anionic N-Heterocyclic Dicarbene. <i>Journal of the American Chemical Society</i> , 2010, 132, 14370-14372.	6.6	206
43	Unique homonuclear multiple bonding in main group compounds. <i>Chemical Communications</i> , 2009, , 5201.	2.2	279
44	A Stable Silicon(0) Compound with a Si=Si Double Bond. <i>Science</i> , 2008, 321, 1069-1071.	6.0	680
45	Carbene-Stabilized Diphosphorus. <i>Journal of the American Chemical Society</i> , 2008, 130, 14970-14971.	6.6	367
46	Planar, Twisted, and Trans-Bent: Conformational Flexibility of Neutral Diborenes. <i>Journal of the American Chemical Society</i> , 2008, 130, 3298-3299.	6.6	232
47	Organometallic compounds containing new Hf σ -Ga and Hf σ -In bonds: Cp ₂ Hf(ER) ₂ (Cp = C ₅ H ₅ ; E = Ga, In; R) <i>J. Organomet. Chem.</i> 2008, 688, 1-14.	1.4	20
48	σ -Terphenyl derivative of titanium(III): Cp ₂ TiR (Cp=C ₅ H ₅ ; R = 2,6-(4-MeC ₆ H ₃) ₂ H) <i>J. Organomet. Chem.</i> 2008, 688, 1-14.	0.8	8
49	A Stable Neutral Diborene Containing a BB Double Bond. <i>Journal of the American Chemical Society</i> , 2007, 129, 12412-12413.	6.6	508
50	Organometallics of the Group 13 M σ -M Bond (M = Al, Ga, In) and the Concept of Metalloaromaticity. <i>Organometallics</i> , 2007, 26, 2-11.	1.1	105
51	A Metallocene with Ga σ -Zr Bonds: Cp ₂ Zr(GaR) ₂ (Cp = C ₅ H ₅ ; R = σ -C ₆ H ₃ -2,6-(2,4,6-i-Pr ₃ C ₆ H ₂) ₂). <i>Organometallics</i> , 2004, 23, 5119-5120.	1.1	35
52	Title is missing!. <i>Journal of Cluster Science</i> , 2002, 13, 601-608.	1.7	4
53	Synthesis and molecular structure of a novel ring-fused borane derivative [(PhC) ₈ C ₂ H ₅]B. <i>Journal of Chemical Crystallography</i> , 2001, 31, 467-470.	0.5	0
54	Formation of a diphosphine: synthesis and molecular structure of bis(tetraphenylbutadienyl)diphosphine, (Ph ₄ C ₄)P σ -P(C ₄ Ph ₄). <i>Chemical Communications</i> , 2000, , 1037-1038.	2.2	12

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55	Synthesis and molecular structure of an unusual Ga-Ga linked organometallic. Chemical Communications, 2000, , 453-454.	2.2	17
56	Reaction of Indium Bromide with 1,4-Dilithiotetraphenylbutadiene. Synthesis and Molecular Structure of (Et ₂ O) ₂ Li(Br) ₂ In{(C ₄ Ph ₄)} ₂ In(Br) ₂ Li(OEt) ₂ : A Novel Ten-Membered-Ring Organometallic Complex. Organometallics, 2000, 19, 1214-1215.	1.1	13
57	On the organometallic chemistry of gallium and the dynamics of Ga-Ga bond formation. Chemical Communications, 2000, , 2175-2181.	2.2	40
58	2,6-Diphenylphenyl-Based Organometallic Compounds of Gallium. Organometallics, 1999, 18, 156-160.	1.1	44
59	Gallanes, Gallenes, Cyclogallenes, and Gallynes: Organometallic Chemistry about the Gallium-Gallium Bond. Accounts of Chemical Research, 1999, 32, 773-782.	7.6	174
60	Synthesis and Molecular Structure of [Li(THF)·12-crown-4][(PhCCPhPhCCPh) ₂ Ga]: The First Spirogallane. Journal of the American Chemical Society, 1998, 120, 12994-12995.	6.6	27
61	How Short is a Ga-Ga Triple Bond? Synthesis and Molecular Structure of Na ₂ [Mes* ₂ C ₆ H ₃ -Ga-Ga-C ₆ H ₃ Mes* ₂] (Mes* = 2,4,6-i-Pr ₃ C ₆ H ₂): The First Gallyne. Journal of the American Chemical Society, 1997, 119, 5471-5472.	6.6	250
62	Syntheses, Structure, and Reactivity of 2,6-Dimesitylphenyl-Based Sterically Demanding Gallium Aryls. Organometallics, 1997, 16, 2443-2447.	1.1	48