

John D Gorden

List of Publications by Year in descending order

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45
papers

1,261
citations

279798

23
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361022

35
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48
all docs

48
docs citations

48
times ranked

1416
citing authors

#	ARTICLE	IF	CITATIONS
1	Gallium–boron donor–acceptor bonds. <i>Chemical Communications</i> , 2001, , 1866-1867.	4.1	102
2	A Lewis Acid Adduct of an Alanediyl: An Aluminum(I)–Boron Donor–Acceptor Bond. <i>Journal of the American Chemical Society</i> , 2000, 122, 950-951.	13.7	89
3	Synthesis and Characterization of Copper(II), Zinc(II), and Potassium Complexes of a Highly Fluorinated Bis(pyrazolyl)borate Ligand. <i>Inorganic Chemistry</i> , 1996, 35, 318-324.	4.0	80
4	A valence isomer of a dialane. <i>Chemical Communications</i> , 2001, , 75-76.	4.1	66
5	Triple-decker main group cations. <i>Chemical Communications</i> , 2001, , 175-176.	4.1	58
6	Steric Modifications Tune the Regioselectivity of the Alkane Oxidation Catalyzed by Non-Heme Iron Complexes. <i>Inorganic Chemistry</i> , 2011, 50, 12651-12660.	4.0	51
7	Copper(I) Isocyanide Complexes of Highly Fluorinated Poly(pyrazolyl)borates. <i>Inorganic Chemistry</i> , 1996, 35, 2149-2151.	4.0	45
8	A Mononuclear Manganese(II) Complex Demonstrates a Strategy To Simultaneously Image and Treat Oxidative Stress. <i>Journal of the American Chemical Society</i> , 2014, 136, 12836-12839.	13.7	38
9	Group 13 decamethylmetallocenium cations. <i>Dalton Transactions</i> , 2008, , 1161-1176.	3.3	37
10	Enantioselective Synthesis of Dihydropyridines Containing Quaternary Stereocenters Through Dearomatization of Pyridinium Salts. <i>ACS Catalysis</i> , 2020, 10, 51-55.	11.2	37
11	Manganese(II)-Containing MRI Contrast Agent Employing a Neutral and Non-Macrocyclic Ligand. <i>Inorganic Chemistry</i> , 2011, 50, 9365-9373.	4.0	36
12	Use of a smaller counterion results in an “inverse sandwich” diindium cation. <i>Journal of Organometallic Chemistry</i> , 2003, 666, 3-5.	1.8	35
13	A Magnetic Resonance Imaging Contrast Agent Capable of Detecting Hydrogen Peroxide. <i>Inorganic Chemistry</i> , 2012, 51, 9153-9155.	4.0	35
14	Novel supramolecular architectures in group 13 perfluoroaryl complexes. Synthesis and structures of [AlMe(C6F5)(μ -Me)] ₂ and GaMe(C6F5) ₂ Electronic supplementary information (ESI) available: Experimental procedures for the preparation of 1 and 2 and X-ray experimental details. See http://www.rsc.org/suppdata/cc/b2/b210024/jl . <i>Chemical Communications</i> , 2003, , 424-425.	4.1	31
15	A Homogeneous Gallium(III) Compound Selectively Catalyzes the Epoxidation of Alkenes. <i>Inorganic Chemistry</i> , 2012, 51, 2725-2727.	4.0	31
16	Superoxide dismutase activity enabled by a redox-active ligand rather than metal. <i>Nature Chemistry</i> , 2018, 10, 1207-1212.	13.6	31
17	Stereoselective Syntheses of β^3 -Boryl Substituted syn- β^2 -Alkoxy- and syn- β^2 -Amino-homoallylic Alcohols via a Regio- and Stereoselective Allene Diboration and Aldehyde Allylboration Reaction Sequence. <i>Organic Letters</i> , 2019, 21, 4638-4641.	4.6	31
18	The structure of the decamethylborocenium cation: the most tightly-squeezed metallocene?. <i>Chemical Communications</i> , 2000, , 911-912.	4.1	29

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19	Câ€“H Oxidation by H ₂ O ₂ and O ₂ Catalyzed by a Non-Heme Iron Complex with a Sterically Encumbered Tetradentate N-Donor Ligand. <i>Inorganic Chemistry</i> , 2013, 52, 13546-13554.	4.0	29
20	Main Group â€œConstrained Geometryâ€•Complexes. <i>Journal of the American Chemical Society</i> , 2001, 123, 7713-7714.	13.7	27
21	Adding a Second Quinol to a Redox-Responsive MRI Contrast Agent Improves Its Relaxivity Response to H ₂ O ₂ . <i>Inorganic Chemistry</i> , 2017, 56, 2812-2826.	4.0	26
22	Aldehyde Deformylation and Catalytic Câ€“H Activation Resulting from a Shared Cobalt(II) Precursor. <i>Inorganic Chemistry</i> , 2017, 56, 773-782.	4.0	25
23	Overcoming Strain-Induced Rearrangement Reactions: A Mild Dehydrative Aromatization Protocol for Synthesis of Highly Distorted <i>p</i> -Phenylenes. <i>Journal of the American Chemical Society</i> , 2016, 138, 3235-3240.	13.7	24
24	Structural characterization of manganese and iron complexes with methylated derivatives of bis(2-pyridylmethyl)-1,2-ethanediamine reveals unanticipated conformational flexibility. <i>Dalton Transactions</i> , 2011, 40, 4048.	3.3	22
25	Catalysis of Alkene Epoxidation by a Series of Gallium(III) Complexes with Neutral N-Donor Ligands. <i>Inorganic Chemistry</i> , 2013, 52, 5814-5823.	4.0	22
26	Silver(i)-organophosphane complexes of electron withdrawing CF ₃ - or NO ₂ -substituted scorpionate ligands. <i>Dalton Transactions</i> , 2007, , 4845.	3.3	21
27	A Non-Cross-Coupling Approach to Arene-Bridged Macrocycles: Synthesis, Structure, and Direct, Regioselective Functionalization of a Cycloparaphenylene Fragment. <i>Organic Letters</i> , 2015, 17, 2700-2703.	4.6	20
28	Systematic Experimental and Computational Studies of Substitution and Hybridization Effects in Solid-State Halogen Bonded Assemblies. <i>Crystal Growth and Design</i> , 2018, 18, 3244-3254.	3.0	20
29	The unusual reaction of Ga(C ₅ Me ₅) ₃ with a nucleophilic carbene. <i>Journal of Organometallic Chemistry</i> , 2002, 643-644, 487-489.	1.8	19
30	Synthesis and Characterization of the First Example of a Gallocenium Cation. <i>Journal of the American Chemical Society</i> , 2000, 122, 11725-11726.	13.7	18
31	Synthesis and structure of (Î-5-C ₅ Me ₅)Gaâ†’Al(C ₆ F ₅) ₃ . The first example of a galliumâ€“aluminium bond. <i>Main Group Chemistry</i> , 2005, 4, 33-38.	0.8	18
32	Structural Characterization and Redox Activity of a Uranyl Dimer and Transition-Metal Complexes of a Tetradentate BIAN Ligand. <i>Organometallics</i> , 2017, 36, 4626-4634.	2.3	13
33	Pyrrophenes: Pyrrole-Based Hexadentate Ligands Tailor-Made for Uranyl (UO ₂) ²⁺ Coordination and Molecular Recognition. <i>Inorganic Chemistry</i> , 2020, 59, 9560-9568.	4.0	13
34	Preparation of a monomeric aluminiumâ€“diazabutadiene complex via an oxidative addition reaction. <i>Journal of the Chemical Society Dalton Transactions</i> , 1998, , 1937-1938.	1.1	12
35	Synthesis and structure of [C ₆ H ₁₄ N ₂][[(UO ₂) ₄ (HPO ₄) ₂ (PO ₄) ₂ (H ₂ O)]Â•H ₂ O: An expanded open-framework amine-bearing uranyl phosphate. <i>Journal of Solid State Chemistry</i> , 2008, 181, 2199-2204.	2.9	12
36	New up-conversion luminescence in molecular cyano-substituted naphthylsalophen lanthanide(<i>iii</i>) complexes. <i>Chemical Communications</i> , 2021, 57, 2551-2554.	4.1	12

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37	Regioselective Synthesis of Unsymmetric Tetra- and Pentasubstituted Pyrenes with a Strategy for Primary <i>C</i> -Alkylation at the 2-Position. <i>Journal of Organic Chemistry</i> , 2018, 83, 10660-10667.	3.2	9
38	Synthesis and Antiproliferative Activity of <i>N,N</i> -Bisubstituted 1,2,4-Triazolium Salts against Breast Cancer and Prostate Cancer Cell Lines. <i>Journal of Heterocyclic Chemistry</i> , 2019, 56, 533-538.	2.6	8
39	2- and 3-Fluoro-3-deazaneplanocins, 2-fluoro-3-deazaaristeromycins, and 3-methyl-3-deazaneplanocin: Synthesis and antiviral properties. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 5496-5501.	3.0	7
40	A spin-crossover Co(II) complex catalyzes the activation of sp ³ C-H bonds by two-electron oxidants. <i>Inorganica Chimica Acta</i> , 2018, 482, 206-212.	2.4	4
41	Methanesulfonyl Iodide. <i>Inorganic Chemistry</i> , 2019, 58, 14752-14759.	4.0	4
42	A macrocycle directed total synthesis of di- <i>O</i> -methylendiandrin A. <i>Chemical Communications</i> , 2020, 56, 8747-8749.	4.1	3
43	Syntheses of Ring C Oxysterols: Inhibitors of Sterol Biosynthesis. <i>Lipids</i> , 2007, 42, 35-40.	1.7	2
44	Steric control of mesocate and helicate formation: Bulky pyrrol-2-yl Schiff base complexes of Zn ²⁺ . <i>Inorganica Chimica Acta</i> , 2022, 529, 120653.	2.4	2
45	Synthesis, characterization, and antimicrobial activity of lipophilic <i>N,N</i> -bisubstituted triazolium salts. <i>Journal of Heterocyclic Chemistry</i> , 0, , .	2.6	1