

# John D Gorden

## List of Publications by Year in descending order

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45  
papers

1,261  
citations

279798

23  
h-index

361022

35  
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48  
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48  
docs citations

48  
times ranked

1416  
citing authors

#	ARTICLE	IF	CITATIONS
1	Steric control of mesocate and helicate formation: Bulky pyrrol-2-yl Schiff base complexes of Zn <sup>2+</sup> . <i>Inorganica Chimica Acta</i> , 2022, 529, 120653.	2.4	2
2	New up-conversion luminescence in molecular cyano-substituted naphthylsalophen lanthanide( <sup>III</sup> ) complexes. <i>Chemical Communications</i> , 2021, 57, 2551-2554.	4.1	12
3	Enantioselective Synthesis of Dihydropyridines Containing Quaternary Stereocenters Through Dearomatization of Pyridinium Salts. <i>ACS Catalysis</i> , 2020, 10, 51-55.	11.2	37
4	A macrocycle directed total synthesis of di-O-methylendiandrin A. <i>Chemical Communications</i> , 2020, 56, 8747-8749.	4.1	3
5	Pyrrophenes: Pyrrole-Based Hexadentate Ligands Tailor-Made for Uranyl (UO <sub>2</sub> <sup>2+</sup> ) Coordination and Molecular Recognition. <i>Inorganic Chemistry</i> , 2020, 59, 9560-9568.	4.0	13
6	Synthesis and Anti-proliferative Activity of N-bis-substituted 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
7	Methanesulfonyl Iodide. <i>Inorganic Chemistry</i> , 2019, 58, 14752-14759.	4.0	4
8	Stereoselective Syntheses of <sup>3</sup> -Boryl Substituted syn- <sup>2</sup> -Alkoxy- and syn- <sup>2</sup> -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
9	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
10	Superoxide dismutase activity enabled by a redox-active ligand rather than metal. <i>Nature Chemistry</i> , 2018, 10, 1207-1212.	13.6	31
11	Regioselective Synthesis of Unsymmetric Tetra- and Pentasubstituted Pyrenes with a Strategy for Primary C-Alkylation at the 2-Position. <i>Journal of Organic Chemistry</i> , 2018, 83, 10660-10667.	3.2	9
12	A spin-crossover Co(II) complex catalyzes the activation of sp <sup>3</sup> C-H bonds by two-electron oxidants. <i>Inorganica Chimica Acta</i> , 2018, 482, 206-212.	2.4	4
13	Adding a Second Quinol to a Redox-Responsive MRI Contrast Agent Improves Its Relaxivity Response to H <sub>2</sub> O <sub>2</sub> . <i>Inorganic Chemistry</i> , 2017, 56, 2812-2826.	4.0	26
14	Aldehyde Deformylation and Catalytic C-H Activation Resulting from a Shared Cobalt(II) Precursor. <i>Inorganic Chemistry</i> , 2017, 56, 773-782.	4.0	25
15	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
16	Overcoming Strain-Induced Rearrangement Reactions: A Mild Dehydrative Aromatization Protocol for Synthesis of Highly Distorted p-Phenylenes. <i>Journal of the American Chemical Society</i> , 2016, 138, 3235-3240.	13.7	24
17	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
18	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

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19	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
20	C-H Oxidation by $H_2O_2$ 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
21	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
22	A Magnetic Resonance Imaging Contrast Agent Capable of Detecting Hydrogen Peroxide. <i>Inorganic Chemistry</i> , 2012, 51, 9153-9155.	4.0	35
23	A Homogeneous Gallium(III) Compound Selectively Catalyzes the Epoxidation of Alkenes. <i>Inorganic Chemistry</i> , 2012, 51, 2725-2727.	4.0	31
24	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
25	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
26	Manganese(II)-Containing MRI Contrast Agent Employing a Neutral and Non-Macrocyclic Ligand. <i>Inorganic Chemistry</i> , 2011, 50, 9365-9373.	4.0	36
27	Synthesis and structure of $[C_6H_{14}N_2][(UO_2)_4(HPO_4)_2(PO_4)_2(H_2O)] \cdot H_2O$ : An expanded open-framework amine-bearing uranyl phosphate. <i>Journal of Solid State Chemistry</i> , 2008, 181, 2199-2204.	2.9	12
28	Group 13 decamethylmetalloccenium cations. <i>Dalton Transactions</i> , 2008, , 1161-1176.	3.3	37
29	Silver(i)-organophosphane complexes of electron withdrawing $CF_3$ - or $NO_2$ -substituted scorpionate ligands. <i>Dalton Transactions</i> , 2007, , 4845.	3.3	21
30	Syntheses of Ring C Oxysterols: Inhibitors of Sterol Biosynthesis. <i>Lipids</i> , 2007, 42, 35-40.	1.7	2
31	Synthesis and structure of $(\eta^5-C_5Me_5)Ga^+Al(C_6F_5)_3$ . The first example of a gallium- $\pi$ -aluminum bond. <i>Main Group Chemistry</i> , 2005, 4, 33-38.	0.8	18
32	Use of a smaller counterion results in an $\pi$ -inverse sandwich <sup>TM</sup> diindium cation. <i>Journal of Organometallic Chemistry</i> , 2003, 666, 3-5.	1.8	35
33	Novel supramolecular architectures in group 13 perfluoroaryl complexes. Synthesis and structures of $[AlMe(C_6F_5)(\mu-Me)]_2$ and $GaMe(C_6F_5)_2$ Electronic supplementary information (ESI) available: Experimental procedures for the preparation of 1 and 2 and X-ray experimental details. See <a href="http://www.rsc.org/suppdata/cc/b2/b210024i/">http://www.rsc.org/suppdata/cc/b2/b210024i/</a> . <i>Chemical Communications</i> , 2003, , 424-425.	4.1	31
34	The unusual reaction of $Ga(C_5Me_5)_3$ with a nucleophilic carbene. <i>Journal of Organometallic Chemistry</i> , 2002, 643-644, 487-489.	1.8	19
35	Triple-decker main group cations. <i>Chemical Communications</i> , 2001, , 175-176.	4.1	58
36	Gallium- $\pi$ -boron donor-acceptor bonds. <i>Chemical Communications</i> , 2001, , 1866-1867.	4.1	102

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37	A valence isomer of a dialane. <i>Chemical Communications</i> , 2001, , 75-76.	4.1	66
38	Main Group $\sigma$ -Constrained Geometry $\sigma$ -Complexes. <i>Journal of the American Chemical Society</i> , 2001, 123, 7713-7714.	13.7	27
39	The structure of the decamethylborocenium cation: the most tightly-squeezed metallocene?. <i>Chemical Communications</i> , 2000, , 911-912.	4.1	29
40	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
41	A Lewis Acid Adduct of an Alanediyl: $\sigma$ An Aluminum(I) $\sigma$ -Boron Donor $\sigma$ -Acceptor Bond. <i>Journal of the American Chemical Society</i> , 2000, 122, 950-951.	13.7	89
42	Preparation of a monomeric aluminium $\sigma$ -diazabutadiene complex via an oxidative addition reaction. <i>Journal of the Chemical Society Dalton Transactions</i> , 1998, , 1937-1938.	1.1	12
43	Copper(I) Isocyanide Complexes of Highly Fluorinated Poly(pyrazolyl)borates. <i>Inorganic Chemistry</i> , 1996, 35, 2149-2151.	4.0	45
44	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
45	Synthesis, characterization, and antimicrobial activity of lipophilic N, N $\sigma$ -bis $\sigma$ -substituted triazolium salts. <i>Journal of Heterocyclic Chemistry</i> , 0, , .	2.6	1