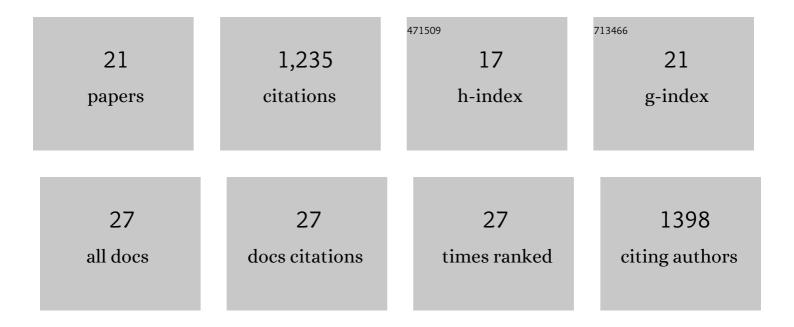
## Diana A Iovan

List of Publications by Year in descending order

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ΠΙΑΝΑ Α ΙΟΥΑΝ

#	Article	IF	CITATIONS
1	Fine-Tuning Metal and Ligand-Centered Redox Potentials of Homoleptic Bis-Terpyridine Complexes with 4′-Aryl Substituents. Inorganic Chemistry, 2021, 60, 9956-9969.	4.0	17
2	Electronic Structures and Reactivity Profiles of Aryl Nitrenoid-Bridged Dicopper Complexes. Journal of the American Chemical Society, 2020, 142, 2264-2276.	13.7	18
3	An Activity-Based Methionine Bioconjugation Approach To Developing Proximity-Activated Imaging Reporters. ACS Central Science, 2020, 6, 32-40.	11.3	20
4	Distinct RNA <i>N-</i> demethylation pathways catalyzed by nonheme iron ALKBH5 and FTO enzymes enable regulation of formaldehyde release rates. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 25284-25292.	7.1	42
5	Metal–Ligand Cooperativity via Exchange Coupling Promotes Iron- Catalyzed Electrochemical CO <sub>2</sub> Reduction at Low Overpotentials. Journal of the American Chemical Society, 2020, 142, 20489-20501.	13.7	77
6	Metal-based imaging agents: progress towards interrogating neurodegenerative disease. Chemical Society Reviews, 2020, 49, 2886-2915.	38.1	56
7	Exposing the inadequacy of redox formalisms by resolving redox inequivalence within isovalent clusters. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 15836-15841.	7.1	11
8	Synthesis of a copper-supported triplet nitrene complex pertinent to copper-catalyzed amination. Science, 2019, 365, 1138-1143.	12.6	131
9	Inorganic Chemistry Approaches to Activity-Based Sensing: From Metal Sensors to Bioorthogonal Metal Chemistry. Inorganic Chemistry, 2019, 58, 13546-13560.	4.0	46
10	Heterobimetallic Complexes Comprised of Nb and Fe: Isolation of a Coordinatively Unsaturated Nb <sup>III</sup> /Fe <sup>O</sup> Bimetallic Complex Featuring a Nb≡Fe Triple Bond. Journal of the American Chemical Society, 2017, 139, 9627-9636.	13.7	40
11	Diastereoselective Câ <sup>~</sup> 'H Bond Amination for Disubstituted Pyrrolidines. Angewandte Chemie - International Edition, 2017, 56, 15599-15602.	13.8	95
12	Diastereoselective Câ^'H Bond Amination for Disubstituted Pyrrolidines. Angewandte Chemie, 2017, 129, 15805-15808.	2.0	25
13	Reactivity of a stable copper–dioxygen complex. Chemical Communications, 2017, 53, 10306-10309.	4.1	33
14	Direct Comparison of C–H Bond Amination Efficacy through Manipulation of Nitrogen-Valence Centered Redox: Imido versus Iminyl. Journal of the American Chemical Society, 2017, 139, 14757-14766.	13.7	105
15	High-Spin Iron Imido Complexes Competent for C–H Bond Amination. Journal of the American Chemical Society, 2017, 139, 12043-12049.	13.7	107
16	Characterization of Iron-Imido Species Relevant for <i>N</i> -Group Transfer Chemistry. Journal of the American Chemical Society, 2016, 138, 1983-1993.	13.7	153
17	Enantioenrichment of a Tungsten Dearomatization Agent Utilizing Chiral Acids. Journal of the American Chemical Society, 2015, 137, 3649-3655.	13.7	21
18	Iron-mediated intermolecular N-group transfer chemistry with olefinic substrates. Chemical Science, 2014, 5, 1526-1532.	7.4	166

#	Article	IF	CITATIONS
19	Friedel–Crafts Ring-Coupling Reactions Promoted by Tungsten Dearomatization Agent. Organometallics, 2013, 32, 691-703.	2.3	19
20	[4 + 2] Cyclocondensation Reactions of Tungsten–Dihydropyridine Complexes and the Generation of Tri- and Tetrasubstituted Piperidines. Journal of the American Chemical Society, 2011, 133, 18378-18387.	13.7	24
21	Hyperdistorted Tungsten Allyl Complexes and Their Stereoselective Deprotonation to Form Dihapto-Coordinated Dienes. Organometallics, 2011, 30, 2587-2597.	2.3	24