

# Daniel J Martin

## List of Publications by Year in descending order

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14  
papers

1,286  
citations

759233

12  
h-index

996975

15  
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15  
all docs

15  
docs citations

15  
times ranked

1564  
citing authors

#	ARTICLE	IF	CITATIONS
1	All Four Atropisomers of Iron Tetra( <i>o</i> - <i>N</i> , <i>N</i> , <i>N</i> , <i>N</i> -trimethylanilinium)porphyrin in Both the Ferric and Ferrous States. <i>Inorganic Chemistry</i> , 2021, 60, 5240-5251.	4.0	14
2	Oriented Electrostatic Effects on O <sub>2</sub> and CO <sub>2</sub> Reduction by a Polycationic Iron Porphyrin. <i>Journal of the American Chemical Society</i> , 2021, 143, 11423-11434.	13.7	64
3	Intramolecular Electrostatic Effects on O <sub>2</sub> , CO <sub>2</sub> , and Acetate Binding to a Cationic Iron Porphyrin. <i>Inorganic Chemistry</i> , 2020, 59, 17402-17414.	4.0	20
4	Developing Scaling Relationships for Molecular Electrocatalysis through Studies of Fe-Porphyrin-Catalyzed O <sub>2</sub> Reduction. <i>Accounts of Chemical Research</i> , 2020, 53, 1056-1065.	15.6	65
5	Combining scaling relationships overcomes rate versus overpotential trade-offs in O <sub>2</sub> molecular electrocatalysis. <i>Science Advances</i> , 2020, 6, eaaz3318.	10.3	46
6	Synthesis and Prior Misidentification of 4- <i>tert</i> -Butyl-2,6-dinitrobenzaldehyde. <i>Journal of Organic Chemistry</i> , 2019, 84, 12172-12176.	3.2	1
7	Mechanism of Catalytic O <sub>2</sub> Reduction by Iron Tetrphenylporphyrin. <i>Journal of the American Chemical Society</i> , 2019, 141, 8315-8326.	13.7	99
8	Oxygen Reduction by Homogeneous Molecular Catalysts and Electrocatalysts. <i>Chemical Reviews</i> , 2018, 118, 2340-2391.	47.7	483
9	Rational Design of Mononuclear Iron Porphyrins for Facile and Selective 4e <sup>-</sup> /4H <sup>+</sup> O <sub>2</sub> Reduction: Activation of O–O Bond by 2nd Sphere Hydrogen Bonding. <i>Journal of the American Chemical Society</i> , 2018, 140, 9444-9457.	13.7	99
10	Linear Free Energy Relationships in the Hydrogen Evolution Reaction: Kinetic Analysis of a Cobaloxime Catalyst. <i>ACS Catalysis</i> , 2016, 6, 3326-3335.	11.2	89
11	Synthesis and electrochemical characterization of a tridentate Schiff-base ligated Fe(II) complex. <i>Polyhedron</i> , 2016, 114, 200-204.	2.2	10
12	Qualitative extension of the EC <sup>2</sup> Zone Diagram to a molecular catalyst for a multi-electron, multi-substrate electrochemical reaction. <i>Dalton Transactions</i> , 2016, 45, 9970-9976.	3.3	37
13	Electrochemical hydrogenation of a homogeneous nickel complex to form a surface adsorbed hydrogen-evolving species. <i>Chemical Communications</i> , 2015, 51, 5290-5293.	4.1	47
14	Electrochemical Reduction of Brønsted Acids by Glassy Carbon in Acetonitrile—Implications for Electrocatalytic Hydrogen Evolution. <i>Inorganic Chemistry</i> , 2014, 53, 8350-8361.	4.0	211