

# Apparao Draksharapu

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

15  
papers

231  
citations

9  
h-index

15  
g-index

17  
ext. papers

297  
ext. citations

10.3  
avg, IF

3.24  
L-index

#	Paper	IF	Citations
15	Sc-Promoted O-O Bond Cleavage of a (E)-2-Peroxo)diiron(III) Species Formed from an Iron(II) Precursor and O <sub>2</sub> to Generate a Complex with an Fe(EO) Core. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 4285-4297	16.4	16
14	Spectroscopic and Reactivity Comparisons between Nonheme Oxoiron(IV) and Oxoiron(V) Species Bearing the Same Ancillary Ligand. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 15078-15091	16.4	29
13	Acid p Dependence in O-O Bond Heterolysis of a Nonheme Fe-OOH Intermediate To Form a Potent Fe=O Oxidant with Heme Compound I-Like Reactivity. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 16093-16107	16.4	17
12	NMR Reveals That a Highly Reactive Nonheme Fe =O Complex Retains Its Six-Coordinate Geometry and S=1 State in Solution. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 9608-9613	4.8	9
11	Facile Conversion of syn-[FeIV(O)(TMC)] <sup>2+</sup> into the anti Isomer via Meunier's Oxo-Hydroxo Tautomerism Mechanism. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 2017-2021	3.6	2
10	Facile Conversion of syn-[Fe(O)(TMC)] into the anti Isomer via Meunier's Oxo-Hydroxo Tautomerism Mechanism. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 1995-1999	16.4	4
9	A Non-Heme Iron Photocatalyst for Light-Driven Aerobic Oxidation of Methanol. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 3261-3265	3.6	5
8	A Non-Heme Iron Photocatalyst for Light-Driven Aerobic Oxidation of Methanol. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 3207-3211	16.4	21
7	Crystallographic Evidence for a Sterically Induced Ferryl Tilt in a Non-Heme Oxoiron(IV) Complex that Makes it a Better Oxidant. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 9387-9391	16.4	38
6	Crystallographic Evidence for a Sterically Induced Ferryl Tilt in a Non-Heme Oxoiron(IV) Complex that Makes it a Better Oxidant. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 9531-9535	3.6	9
5	On the Lewis Acidity of the Oxoiron(IV) Unit in a Tetramethylcyclam Complex. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 5373-5378	4.8	6
4	HO <sub>2</sub> Oxidation by Fe-OOH Intermediates and Its Effect on Catalytic Efficiency. <i>ACS Catalysis</i> , <b>2018</b> , 8, 9665-9674	3.6	31
3	Facile and Reversible Formation of Iron(III)-Oxo-Cerium(IV) Adducts from Nonheme Oxoiron(IV) Complexes and Cerium(III). <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 9091-9095	16.4	24
2	Direct photochemical activation of non-heme Fe(IV)=O complexes. <i>Chemical Communications</i> , <b>2017</b> , 53, 12357-12360	5.8	12
1	Facile and Reversible Formation of Iron(III)-Oxo-Cerium(IV) Adducts from Nonheme Oxoiron(IV) Complexes and Cerium(III). <i>Angewandte Chemie</i> , <b>2017</b> , 129, 9219-9223	3.6	8