

# Prabhu P Mohapatra

## List of Publications by Year in descending order

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Version: 2024-02-01

34  
papers

1,190  
citations

516710

16  
h-index

414414

32  
g-index

43  
all docs

43  
docs citations

43  
times ranked

1630  
citing authors

#	ARTICLE	IF	CITATIONS
1	Probing the Transition State-to-Intermediate Continuum: Mechanistic Distinction between a Dry versus Wet Peroxide in the Singlet Oxygen $\text{^1O}_2$ Reaction at the Air/Water Interface. <i>Langmuir</i> , 2022, 38, 6036-6048.	3.5	4
2	Room-Temperature Ionic Liquids in Glycoscience: Opportunities and Challenges+. <i>Current Organic Chemistry</i> , 2021, 25, .	1.6	3
3	Photooxidative vulnerability to intralipid in photodynamic therapy. <i>Photochemistry</i> , 2020, , 411-422.	0.2	0
4	Cycloelimination-assisted Combinatorial Synthesis of Diverse Heterocyclic Scaffolds of Chemotherapeutic Values. <i>Current Organic Chemistry</i> , 2019, 23, 768-808.	1.6	3
5			

#	ARTICLE	IF	CITATIONS
19	Efficient N-Aroylation of Substituted Indoles with <i>N</i> -Aroylbenzotriazoles. <i>Synthesis</i> , 2007, 2007, 3673-3677.	2.3	22
20	Synthesis of Aliphatic Hydroxyaryl Ketones or (Hetero)aryl Hydroxyaryl Ketones by Acylation of Organometallic Reagents. <i>Synthesis</i> , 2007, 2007, 3141-3146.	2.3	13
21	Synthesis and Characterization of Blowing Agents and Hypergolics. <i>Journal of Energetic Materials</i> , 2007, 25, 79-109.	2.0	25
22	Synthesis of <i>o</i> -Sulfamidotriazobenzenes from 1,1'-Sulfonylbis(benzotriazole). <i>Journal of Organic Chemistry</i> , 2007, 72, 5805-5808.	3.2	23
23	1-Benzotriazol-1-yl-3,3,3-trifluoro-2-methoxy-2-phenylpropan-1-ones: Mosher-Bt Reagents. <i>Journal of Organic Chemistry</i> , 2007, 72, 4268-4271.	3.2	15
24	NMR spectra, GIAO and charge density calculations of five-membered aromatic heterocycles. <i>Magnetic Resonance in Chemistry</i> , 2007, 45, 532-543.	1.9	38
25	Alkyl, Unsaturated, (Hetero)aryl, and N-Protected $\alpha$ -Amino Ketones by Acylation of Organometallic Reagents. <i>Journal of Organic Chemistry</i> , 2006, 71, 9861-9864.	3.2	48
26	Nanoassembly of a Fractal Polymer: A Molecular "Sierpinski Hexagonal Gasket". <i>Science</i> , 2006, 312, 1782-1785.	12.6	285
27	Benzotriazole-Assisted Thioacylation.. <i>ChemInform</i> , 2006, 37, no.	0.0	0
28	Benzotriazole-Assisted Thioacylation. <i>Journal of Organic Chemistry</i> , 2005, 70, 7866-7881.	3.2	69
29	Synthesis of $\alpha$ -amino amides via $\alpha$ -amino imidoylbenzotriazoles. <i>Journal of the Serbian Chemical Society</i> , 2005, 70, 319-327.	0.8	7
30	Towards Ordered Architectures: Self-Assembly and Stepwise Procedures to the Hexameric Metallomacrocycles [Arylbis(terpyridinyl)6Fe]n-Rulln] (n=0,2,3,5). <i>Chemistry - A European Journal</i> , 2004, 10, 1493-1500.	3.3	82
31	Hexagonal Terpyridine-Ruthenium and Iron Macrocyclic Complexes by Stepwise and Self-Assembly Procedures. <i>Chemistry - A European Journal</i> , 2002, 8, 2946.	3.3	118
32	Formation of 6-Formyl-7-hydroxy-8-methoxycoumarin and 5,8-Dioxopsoralen by Reaction of 8-Methoxypsoralen with H <sub>2</sub> O <sub>2</sub> and Potassium Superoxide (KO <sub>2</sub> ) Catalyzed by Halogenated or Perhalogenated 5,10,15,20-Tetraarylporphyrinatoiron(III) Chlorides.. <i>Chemical and Pharmaceutical Bulletin</i> , 2001, 49, 1232-1233.	1.3	5
33	Oxidation of 1-naphthol and related phenols with hydrogen peroxide and potassium superoxide catalysed by 5,10,15,20-tetraarylporphyrinatoiron(III)chlorides in different reaction conditions. <i>Journal of Molecular Catalysis A</i> , 1999, 137, 85-92.	4.8	38
34	Biomimetic oxidation of indole-3-acetic acid and related substrates with hydrogen peroxide catalysed and AOT reverse micelles. <i>Journal of Molecular Catalysis A</i> , 1996, 113, 239-247.	4.8	14