

Prabhu P Mohapatra

List of Publications by Year in descending order

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34
papers

1,190
citations

516710

16
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414414

32
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43
all docs

43
docs citations

43
times ranked

1630
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanoassembly of a Fractal Polymer: A Molecular "Sierpinski Hexagonal Gasket". <i>Science</i> , 2006, 312, 1782-1785.	12.6	285
2	Hexagonal Terpyridine- μ -Ruthenium and μ -Iron Macrocyclic Complexes by Stepwise and Self-Assembly Procedures. <i>Chemistry - A European Journal</i> , 2002, 8, 2946.	3.3	118
3	Chemistry and Biology of Synthetic and Naturally Occurring Antiamoebic Agents. <i>Chemical Reviews</i> , 2009, 109, 1900-1947.	47.7	95
4	Towards Ordered Architectures: Self-Assembly and Stepwise Procedures to the Hexameric Metallomacrocycles [Arylbis(terpyridinyl) μ_6 Fe μ_n -Ru μ_n] (n=0,2,3,5). <i>Chemistry - A European Journal</i> , 2004, 10, 1493-1500.	3.3	82
5	Benzotriazole-Assisted Thioacylation. <i>Journal of Organic Chemistry</i> , 2005, 70, 7866-7881.	3.2	69
6	Spirooxindoles as Potential Pharmacophores. <i>Mini-Reviews in Medicinal Chemistry</i> , 2017, 17, 1515-1536.	2.4	68
7	Recent developments in benzotriazole methodology for construction of pharmacologically important heterocyclic skeletons. <i>Monatshefte für Chemie</i> , 2010, 141, 1159-1182.	1.8	55
8	Alkyl, Unsaturated, (Hetero)aryl, and N-Protected α -Amino Ketones by Acylation of Organometallic Reagents. <i>Journal of Organic Chemistry</i> , 2006, 71, 9861-9864.	3.2	48
9	Synthesis and molecular modeling of antimicrobial active fluoroquinolone-pyrazine conjugates with amino acid linkers. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 2198-2205.	2.2	46
10	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
11	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
12	Reactions of <i>p</i> -Benzoquinone with Sulfur Nucleophiles. <i>Synthesis</i> , 2008, 2008, 777-787.	2.3	30
13	Synthesis and Characterization of Blowing Agents and Hypergolics. <i>Journal of Energetic Materials</i> , 2007, 25, 79-109.	2.0	25
14	Synthesis of <i>o</i> -Sulfamidotriazobenzenes from 1,1'-Sulfonylbis(benzotriazole). <i>Journal of Organic Chemistry</i> , 2007, 72, 5805-5808.	3.2	23
15	Efficient N-Aroylation of Substituted Indoles with <i>N</i> -Aroylbis(benzotriazoles). <i>Synthesis</i> , 2007, 2007, 3673-3677.	2.3	22
16	Cyclo-Release Strategy in Solid-Phase Combinatorial Synthesis of Heterocyclic Skeletons. <i>Advances in Heterocyclic Chemistry</i> , 2012, , 41-99.	1.7	19
17	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
18	Facile synthesis of 3-substituted isoindolinones. <i>Tetrahedron Letters</i> , 2016, 57, 772-777.	1.4	15

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19	1,3,4-Oxadiazoles from functionalized N-acylbenzotriazoles and acyl hydrazides. <i>Arkivoc</i> , 2009, 2008, 62-68.	0.5	15
20	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
21	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
22	Curcumin: Not So Spicy After All. <i>Mini-Reviews in Medicinal Chemistry</i> , 2017, 17, 1425-1434.	2.4	10
23	Experimental and DFT Computational Insight into Nitrosamine Photochemistryâ€”Oxygen Matters. <i>Journal of Physical Chemistry A</i> , 2017, 121, 5954-5966.	2.5	9
24	Synthesis of $\hat{1}\pm$ -amino amides via $\hat{1}\pm$ -amino imidoylbenzotriazoles. <i>Journal of the Serbian Chemical Society</i> , 2005, 70, 319-327.	0.8	7
25	Expedient and Diastereoselective Synthesis of Substituted 6,6a-Dihydroisoindolo[2,1-a]quinolin-11(5H)-ones. <i>Synthesis</i> , 2016, 48, 4477-4488.	2.3	6
26	Formation of 6-Formyl-7-hydroxy-8-methoxycoumarin and 5,8-Dioxopsoralen by Reaction of 8-Methoxypsoralen with H ₂ O ₂ and Potassium Superoxide (KO ₂) 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
27	Optical enrichment in enzyme-catalyzed resolution of 1-aryl-2,2-dimethyl-1,3-propanediols. <i>Canadian Journal of Chemistry</i> , 2017, 95, 1-6.	1.1	5
28	Probing the Transition State-to-Intermediate Continuum: Mechanistic Distinction between a Dry versus Wet Peroxide in the Singlet Oxygen $\hat{1}\pm$ -Reaction at the Airâ€”Water Interface. <i>Langmuir</i> , 2022, 38, 6036-6048.	3.5	4
29	³¹ P NMR Evidence for Peroxide Intermediates in Lipid Emulsion Photooxidations: Phosphine Substituent Effects in Trapping. <i>Photochemistry and Photobiology</i> , 2017, 93, 1430-1438.	2.5	3
30	Room-Temperature Ionic Liquids in Glycoscience: Opportunities and Challenges+. <i>Current Organic Chemistry</i> , 2021, 25, .	1.6	3
31	Cycloelimination-assisted Combinatorial Synthesis of Diverse Heterocyclic Scaffolds of Chemotherapeutic Values. <i>Current Organic Chemistry</i> , 2019, 23, 768-808.	1.6	3
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