Prasanta Ghorai

List of Publications by Year
in descending order

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49 papers	1,393 citations	279798 23 h-index	361022 35 g-index
53 all docs	53 docs citations	53 times ranked	1310 citing authors

#	Article	IF	Citations
1	Chiral Squaramide Catalyzed Asymmetric Spiroketalization toward Aromatic [6,5] Spiroketals. Organic Letters, 2022, 24, 1889-1894.	4.6	9
2	Enantioselective, Organocatalytic, Dissymmetric 1,4- and 1,2-Addition of Malononitrile to a Keto-bisenone Followed by an Oxa-Michael Addition Cascade. Organic Letters, 2019, 21, 5793-5797.	4.6	11
3	Enantioselective Synthesis of Cyclohexadienone Containing Spiroketals via DyKat Ketalization/oxa-Michael Addition Cascade. Journal of Organic Chemistry, 2019, 84, 5357-5368.	3.2	15
4	Primary Aminothiourea-Catalyzed Enantioselective Synthesis of Rauhutâ€“Currier Adducts of 3-Arylcyclohexenone with a Tethered Enone on the Aryl Moiety at the Ortho-Position. Organic Letters, 2018, 20, 1707-1711.	4.6	19
5	Organocatalytic, Chemoselective Hydrophosphenylation/oxa-Michael Addition Cascade toward Diastereo- and Enantioenriched 1,3-Dihydroisobenzofuryl Phosphonates. Journal of Organic Chemistry, 2018, 83, 9654-9666.	3.2	9
6	Cinchonamine Squaramide Catalyzed Asymmetric azaâ€Michael Reaction: Dihydroisoquinolines and Tetrahydropyridines. Angewandte Chemie, 2018, 130, 9541-9545.	2.0	5
7	Cinchonamine Squaramide Catalyzed Asymmetric azaâ€Michael Reaction: Dihydroisoquinolines and Tetrahydropyridines. Angewandte Chemie - International Edition, 2018, 57, 9397-9401.	13.8	39
8	Organocatalytic, enantioselective synthesis of benzoxaboroles via Wittig/oxa-Michael reaction Cascade of Î±-formyl boronic acids. Chemical Science, 2017, 8, 3026-3030.	7.4	37
9	Synthesis of Functionalized Benzo[b]furans via Oxidative Cyclization of o-Cinnamyl Phenols. Journal of Organic Chemistry, 2017, 82, 3411-3424.	3.2	23
10	Dynamic Kinetic Spiroketalization/Oxaâ€Michael Addition Cascade of Alkoxyboronates and Peroxyacetals: Enantioâ€•and Diastereoselective Synthesis of Benzannulated Spiroketals. Chemistry - A European Journal, 2017, 23, 11216-11220.	3.3	25
11	Switchable Chemoselectivity for Organocatalytic, Asymmetric Malononitrile Addition to ortho-Formyl Chalcones. Organic Letters, 2017, 19, 5872-5875.	4.6	19
12	Catalyst-free Synthesis of 6-Hydroxy Indoles via the Condensation of Carboxymethyl Cyclohexadienones and Amines. Journal of Organic Chemistry, 2017, 82, 8426-8437.	3.2	10
13	Nitrile-assisted oxidation over oxidative-annulation: Pd-catalyzed Î±,Î²-dehydrogenation of Î±-cinnamyl Î²-keto nitriles. Organic and Biomolecular Chemistry, 2017, 15, 7317-7320.	2.8	4
14	Enantioâ€•and Diastereoselective Synthesis of exoâ€Peroxyacetals: An Organocatalyzed Peroxyhemiacetalization/oxaâ€Michael Addition Cascade. Angewandte Chemie - International Edition, 2016, 55, 7723-7727.	13.8	38
15	Organocatalytic Enantioselective Intramolecular Oxa-Michael Reaction of Enols: Synthesis of Chiral Isochromenes. Journal of Organic Chemistry, 2016, 81, 4654-4663.	3.2	29
16	Catalytic Asymmetric Conjugate Addition of Carboxylic Acids via Oxa-Michael Reaction of Peroxy Hemiacetals followed by Kornblum DeLaMare Fragmentation. Organic Letters, 2016, 18, 5220-5223.	4.6	33
17	Organocatalytic, Enantioselective Synthesis of Cyclohexadienone Containing Hindered Spirocyclic Ethers through an Oxidative Dearomatization/Oxaâ€Michael Addition Sequence. Angewandte Chemie, 2016, 128, 15339-15343.	2.0	13
18	Organocatalytic, Enantioselective Synthesis of Cyclohexadienone Containing Hindered Spirocyclic Ethers through an Oxidative Dearomatization/Oxaâ€Michael Addition Sequence. Angewandte Chemie - International Edition, 2016, 55, 15115-15119.	13.8	42

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19	Transitionâ€Metalâ€Free Synthesis of Homoâ€and Heteroâ€1,2,4â€Triaryl Benzenes by an Unexpected Baseâ€Promoted Dearylative Pathway. Angewandte Chemie, 2016, 128, 7859-7863.	2.0	7
20	Transitionâ€Metalâ€Free Synthesis of Homoâ€and Heteroâ€1,2,4â€Triaryl Benzenes by an Unexpected Baseâ€Promoted Dearylative Pathway. Angewandte Chemie - International Edition, 2016, 55, 7728-7732.	13.8	26
21	Enantioâ€and Diastereoselective Synthesis of exoâ€Peroxyacetals: An Organocatalyzed Peroxyhemiacetalization/oxaâ€Michael Addition Cascade. Angewandte Chemie, 2016, 128, 7854-7858.	2.0	13
22	Synthesis of Airâ€and Moistureâ€Stable, Storable Chiral Oxorhenium Complexes and Their Application as Catalysts for the Enantioselective Imine Reduction. Chemistry - A European Journal, 2015, 21, 12601-12605.	3.3	13
23	Palladiumâ€Catalyzed Oxidative Cycloisomerization of 2â€Cinnamylâ€1,3â€Dicarbonyls: Synthesis of Functionalized 2â€Benzyl Furans. Chemistry - A European Journal, 2015, 21, 14732-14736.	3.3	20
24	Transition Metal-Free Generation of N-Unsubstituted Imines from Benzyl Azides: Synthesis of N-Unsubstituted Homoallylic Amines. Journal of Organic Chemistry, 2015, 80, 3656-3663.	3.2	20
25	Organocatalytic, Enantioselective Synthesis of 1- and 3-Substituted Isochromans via Intramolecular Oxa-Michael Reaction of Alkoxyboronate: Synthesis of (+)-Sonepiprazole. Journal of Organic Chemistry, 2015, 80, 7008-7018.	3.2	39
26	Intramolecular Rearrangement of Î±-Azidoperoxides: An Efficient Synthesis of tert-Butyl Esters. Organic Letters, 2015, 17, 1393-1396.	4.6	15
27	Synthesis of Polysubstituted Quinolines via Transition-Metal-Free Oxidative Cycloisomerization of o-Cinnamylanilines. Organic Letters, 2015, 17, 1668-1671.	4.6	47
28	Organocatalytic, Enantioselective, Intramolecular Oxa-Michael Reaction of Alkoxyboronate: A New Strategy for Enantioenriched 1-Substituted 1,3-Dihydroisobenzofurans. Organic Letters, 2014, 16, 5580-5583.	4.6	56
29	Synthesis of Functionalized Indoles via Palladium-Catalyzed Aerobic Oxidative Cycloisomerization of o-Allylanilines. Organic Letters, 2014, 16, 4786-4789.	4.6	37
30	Chemoselective C-Benzylation of Unprotected Anilines with Benzyl Alcohols Using Re₂O₇ Catalyst. Journal of Organic Chemistry, 2014, 79, 2934-2943.	3.2	36
31	Trapping of Azidocarbenium Ion: A Unique Route for Azide Synthesis. Organic Letters, 2014, 16, 2104-2107.	4.6	26
32	Synthesis and Asymmetric Resolution of Î±-Azido-peroxides. Organic Letters, 2013, 15, 3832-3835.	4.6	32
33	Chemoselective three-component synthesis of homoallylic azides using an FeCl3 catalyst. RSC Advances, 2013, 3, 23157.	3.6	8
34	Stereoselective direct reductive amination of ketones with electron-deficient amines using Re2O7/NaPF6 catalyst. Organic and Biomolecular Chemistry, 2013, 11, 4379.	2.8	13
35	Generation of Singlet Oxygen from Fragmentation of Monoactivated 1,1-Dihydroperoxides. Journal of Organic Chemistry, 2012, 77, 1233-1243.	3.2	21
36	Direct Substitution of Hydroxy Group of Ï€-Activated Alcohols with Electron-Deficient Amines Using Re₂O₇ Catalyst. Journal of Organic Chemistry, 2012, 77, 5577-5583.	3.2	51

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37	Re2O7-catalyzed three-component synthesis of protected secondary and tertiary homoallylic amines. Chemical Communications, 2012, 48, 1820.	4.1	27
38	The direct reductive amination of electron-deficient amines with aldehydes: the unique reactivity of the Re2O7 catalyst. Chemical Communications, 2012, 48, 8276.	4.1	45
39	Chiral NG-acylated hetarylpropylguanidine-type histamine H2 receptor agonists do not show significant stereoselectivity. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 3173-3176.	2.2	13
40	A New Peroxide Fragmentation: Efficient Chemical Generation of 1O2 in Organic Media. Organic Letters, 2009, 11, 4572-4575.	4.6	23
41	Broadly Applicable Synthesis of 1,2,4,5-Tetraoxanes. Organic Letters, 2009, 11, 213-216.	4.6	80
42	Mild and Efficient Re(VII)-Catalyzed Synthesis of 1,1-Dihydroperoxides. Organic Letters, 2008, 10, 4577-4579.	4.6	82
43	Synthesis of Spiro-bisperoxyketals. Organic Letters, 2008, 10, 2401-2404.	4.6	76
44	Acylguanidines as Bioisosteres of Guanidines: N^G-Acylated Imidazolylpropylguanidines, a New Class of Histamine H₂ Receptor Agonists. Journal of Medicinal Chemistry, 2008, 51, 7193-7204.	6.4	69
45	Mutations of Cys-17 and Ala-271 in the Human Histamine H2 Receptor Determine the Species Selectivity of Guanidine-Type Agonists and Increase Constitutive Activity. Journal of Pharmacology and Experimental Therapeutics, 2007, 321, 975-982.	2.5	17
46	Constitutive Activity and Ligand Selectivity of Human, Guinea Pig, Rat, and Canine Histamine H2 Receptors. Journal of Pharmacology and Experimental Therapeutics, 2007, 321, 983-995.	2.5	33
47	Point mutations in the second extracellular loop of the histamine H2 receptor do not affect the species-selective activity of guanidine-type agonists. Naunyn-Schmiedeberg's Archives of Pharmacology, 2007, 376, 253-264.	3.0	19
48	Probing Ligand-Specific Histamine H1- and H2-Receptor Conformations with NG-Acylated Imidazolylpropylguanidines. Journal of Pharmacology and Experimental Therapeutics, 2006, 317, 139-146.	2.5	28
49	N1-(3-Cyclohexylbutanoyl)-N2-[3-(1H-imidazol-4-yl)propyl]guanidine (UR-AK57), a Potent Partial Agonist for the Human Histamine H1- and H2-Receptors. Journal of Pharmacology and Experimental Therapeutics, 2006, 317, 1262-1268.	2.5	21