Prabal Banerjee

List of Publications by Year
in descending order

40 papers	1,948 citations	361413 20 h-index	289244 40 g-index
45 all docs	45 docs citations	45 times ranked	1597 citing authors

#	Article	IF	Citations
1	Construction of Enantiopure Pyrrolidine Ring System via Asymmetric [3+2]-Cycloaddition of Azomethine Ylides. Chemical Reviews, 2006, 106, 4484-4517.	47.7	886
2	Lewis Acid Catalyzed Diastereoselective Cycloaddition Reactions of Donorâ€“Acceptor Cyclopropanes and Vinyl Azides: Synthesis of Functionalized Azidocyclopentane and Tetrahydropyridine Derivatives. Organic Letters, 2017, 19, 304-307.	4.6	102
3	Donorâ€“Acceptor Cyclopropanes as an Expedient Building Block Towards the Construction of Nitrogenâ€Containing Molecules: Anâ€‰Update. Advanced Synthesis and Catalysis, 2020, 362, 1447-1484.	4.3	98
4	Ring Expansion of Donorâ€“Acceptor Cyclopropane via Substituent Controlled Selective <i>N</i>-Transfer of Oxaziridine: Synthetic and Mechanistic Insights. Organic Letters, 2016, 18, 4940-4943.	4.6	73
5	Lewis Acid Catalyzed Annulation of Donorâ€“Acceptor Cyclopropane and <i>N</i>-Tosylaziridinedicarboxylate: One-Step Synthesis of Functionalized 2<i>H</i>-Furo[2,3-<i>c</i>]pyrroles. Journal of Organic Chemistry, 2015, 80, 7235-7242.	3.2	64
6	Reactivity of Donorâ€Acceptor Cyclopropanes with Saturated and Unsaturated Heterocyclic Compounds. Israel Journal of Chemistry, 2016, 56, 512-521.	2.3	52
7	Lewisâ€Acidâ€Catalysed Tandem Meinwald Rearrangement/Intermolecular [3+2]â€Cycloaddition of Epoxides with Donorâ€“Acceptor Cyclopropanes: Synthesis of Functionalized Tetrahydrofurans. European Journal of Organic Chemistry, 2015, 2015, 2517-2523.	2.4	47
8	Lewis Acidâ€Catalyzed [3+2] Cycloaddition of Donorâ€Acceptor Cyclopropanes and Enamines: Enantioselective Synthesis of Nitrogenâ€Functionalized Cyclopentane Derivatives. Advanced Synthesis and Catalysis, 2016, 358, 2053-2058.	4.3	46
9	Lewis Acid Catalyzed Annulation of Cyclopropane Carbaldehydes and Aryl Hydrazines: Construction of Tetrahydropyridazines and Application Toward a One-Pot Synthesis of Hexahydropyrrolo[1,2-<i>b</i>]pyridazines. Journal of Organic Chemistry, 2018, 83, 5438-5449.	3.2	44
10	Lewis Acid Catalyzed Formal [3+2] Cycloaddition of Donorâ€Acceptor Cyclopropanes and 1â€Azadienes: Synthesis of Imine Functionalized Cyclopentanes and Pyrrolidine Derivatives. Advanced Synthesis and Catalysis, 2017, 359, 3848-3854.	4.3	38
11	Synthesis of Indenopyridine Derivatives <i>via</i> MgI₂â€Promoted [2+4] Cycloaddition Reaction of <i>Inâ€situ</i> Generated 2â€Styrylmalonate from Donorâ€Acceptor Cyclopropanes and Chalconimines. Advanced Synthesis and Catalysis, 2018, 360, 3687-3692.	4.3	33
12	Lewis Acid-Catalyzed [3+3] Annulation of Donorâ€“Acceptor Cyclopropanes and Indonyl Alcohols: One Step Synthesis of Substituted Carbazoles with Promising Photophysical Properties. Journal of Organic Chemistry, 2019, 84, 1614-1623.	3.2	32
13	Construction of Isoxazolidines through Formal [3+2] Cycloaddition Reactions of in situ Generated Nitrosocarbonyls with Donorâ€“Acceptor Cyclopropanes: Synthesis of Î±â€Amino Î³â€Butyrolactones. European Journal of Organic Chemistry, 2016, 2016, 4059-4066.	2.4	26
14	Exploitation of Cyclopropane Carbaldehydes to Prins Cyclization: Quick Access to (<i>E</i>)-Hexahydrooxonine and Octahydrocyclopenta[<i>b</i>]pyran. Organic Letters, 2018, 20, 5163-5166.	4.6	25
15	Oneâ€Pot Synthesis of Oxazolidine Derivatives by [3+2]â€Annulation Reactions of 1â€Tosylâ€²â€phenyl/alkylaziridines with Aryl Epoxides. Asian Journal of Organic Chemistry, 2016, 5, 360-366.	2.7	24
16	[3+3] Annulation via Ring Opening/Cyclization of Donorâ€“Acceptor Cyclopropanes with (Un)symmetrical Ureas: A Quick Access to Highly Functionalized Tetrahydropyrimidinones. European Journal of Organic Chemistry, 2019, 2019, 7804-7813.	2.4	24
17	Regioselective BrÃ¸nsted Acid-Catalyzed Annulation of Cyclopropane Aldehydes with <i>N</i>â€²-Aryl Anthranil Hydrazides: Domino Construction of Tetrahydropyrrolo[1,2-<i>a</i>]quinazolin-5(1<i>H</i>)ones. Journal of Organic Chemistry, 2020, 85, 3393-3406.	3.2	23
18	Metalâ€Free Ring Opening Cyclization of Cyclopropane Carbaldehydes and <i>N</i>â€Benzyl Anilines: An Ecoâ€Friendly Access to Functionalized Benzo[<i>b</i>]azepine Derivatives. Advanced Synthesis and Catalysis, 2019, 361, 2849-2854.	4.3	22

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19	Accessing Dihydro-1,2-oxazine via Clokeâ€“Wilson-Type Annulation of Cyclopropyl Carbonyls: Application toward the Diastereoselective Synthesis of Pyrrolo[1,2-<i>b</i>][1,2]oxazine. Journal of Organic Chemistry, 2020, 85, 6535-6550.	3.2	21
20	Substituent and Lewis Acid Promoted Dual Behavior of Epoxides towards [3+2]â€Annulation Reactions with Donorâ€Acceptor Cyclopropanes: Synthesis of Substituted Cyclopentane and Tetrahydrofuran. European Journal of Organic Chemistry, 2017, 2017, 1647-1656.	2.4	20
21	Electricity Driven 1,3â€Oxohydroxylation of Donorâ€Acceptor Cyclopropanes: a Mild and Straightforward Access to Î²â€Hydroxy Ketones. European Journal of Organic Chemistry, 2021, 2021, 5053-5057.	2.4	20
22	Direct Synthesis of Paracetamol via Site-Selective Electrochemical Ritter-type Câ€“H Amination of Phenol. Organic Letters, 2022, 24, 2310-2314.	4.6	20
23	Construction of thiazines and oxathianes via [3 + 3] annulation of N-tosylaziridinedicarboxylates and oxiranes with 1,4-dithiane-2,5-diol: application towards the synthesis of bioactive molecules. Organic and Biomolecular Chemistry, 2017, 15, 5182-5190.	2.8	19
24	Exploitation of donorâ€“acceptor cyclopropanes and <i>N</i>-sulfonyl 1-azadienes towards the synthesis of spiro-cyclopentane benzofuran derivatives. Organic and Biomolecular Chemistry, 2019, 17, 8149-8152.	2.8	19
25	Electrochemical rearrangement protocols towards the construction of diverse molecular frameworks. Chemical Communications, 2021, 57, 2464-2478.	4.1	18
26	Arylcyclopropane yet in its infancy: the challenges and recent advances in its functionalization. Organic and Biomolecular Chemistry, 2021, 19, 8627-8645.	2.8	17
27	Synthesis of functionalized dispiro-oxindoles through azomethine ylide dimerization and mechanistic studies to explain the diastereoselectivity. RSC Advances, 2014, 4, 33236-33244.	3.6	16
28	Electrochemical access to benzimidazolone and quinazolinone derivatives <i>via in situ</i> generation of isocyanates. Chemical Communications, 2021, 57, 631-634.	4.1	15
29	Relieving the stress together: annulation of two different strained rings towards the formation of biologically significant heterocyclic scaffolds. Chemical Communications, 2021, 57, 5359-5373.	4.1	15
30	Spiroâ€•and Bicycloannulation of Sulfoximineâ€Substituted 2â€Hydroxyâ€dihydropyrans: Enantioselective Synthesis of Spiroketals, Spiroethers, and Oxabicycles and Structure of Dihydropyran Oxocarbenium Ions. European Journal of Organic Chemistry, 2014, 2014, 529-553.	2.4	13
31	Metal-free domino Cloke-Wilson rearrangement-hydration-dimerization of cyclopropane carbaldehydes: A facile access to oxybis(2-aryltetrahydrofuran) derivatives. Tetrahedron, 2020, 76, 131080.	1.9	12
32	Electricity mediated [3+2]-cycloaddition of<i>N</i>-sulfonylcyclopropanes with olefins<i>via N</i>-centered radical intermediates: access to cyclopentane analogs. Chemical Communications, 2022, 58, 5459-5462.	4.1	11
33	Electrochemical Generation of a Nonstabilized Azomethine Ylide: Access to Substituted <i>N</i>-Heterocycles. Journal of Organic Chemistry, 2021, 86, 16104-16113.	3.2	10
34	Cascade intramolecular rearrangement/cycloaddition of nitrocyclopropane carboxylates with alkynes/alkenes: access to uncommon bi(hetero)cyclic systems. Organic Chemistry Frontiers, 2021, 8, 1267-1274.	4.5	9
35	An Assessment of Electrophilic Nâ€Transfer of Oxaziridine with Different 2â€, 3â€, and 4â€Carbon Donorâ€“Acceptor Substrates to Furnish Diverse Nâ€Containing Heterocycles in a Single Step. European Journal of Organic Chemistry, 2019, 2019, 3806-3814.	2.4	8
36	Accessing Complex Tetrahydrofurobenzo-Pyran/Furan Scaffolds <i>via</i> Lewis-Acid Catalyzed Bicyclization of Cyclopropane Carbaldehydes with Quinone Methides/Esters. Journal of Organic Chemistry, 2022, 87, 7905-7918.	3.2	8

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37	Palladium-catalyzed regio- and stereoselective access to allyl ureas/carbamates: facile synthesis of imidazolidinones and oxazepinones. Organic and Biomolecular Chemistry, 2020, 18, 6564-6570.	2.8	6
38	Vinylogous Azaâ€Michael Addition of Urea Derivatives with <i>p</i>â€Quinone Methides Followed by Oxidative Dearomative Cyclization: Approach to Spiroimidazolidinone Derivatives. Advanced Synthesis and Catalysis, 2021, 363, 2813-2824.	4.3	6
39	Aza-Oxyallyl Cation Driven 3-Amido Oxetane Rearrangement to 2-Oxazolines: Access to Oxazoline Amide Ethers. Journal of Organic Chemistry, 2022, , .	3.2	5
40	Î±<i>,</i>Î²-Unsaturated Carbonyls for One-Pot Transition-Metal-Free Access to 3,6-Dihydro-2<i>H</i>-pyrans. Journal of Organic Chemistry, 2022, , .	3.2	1