

Umasish Jana

List of Publications by Year in descending order

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33
papers

1,602
citations

361413
20
h-index

395702
33
g-index

44
all docs

44
docs citations

44
times ranked

1615
citing authors

#	ARTICLE	IF	CITATIONS
1	The synthesis of indole-3-carbinols (I3C) and their application to access unsymmetrical bis(3-indolyl)methanes (BIMs) bearing a quaternary sp ³ -carbon. <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 5234-5238.	2.8	2
2	Iron-catalyzed carboarylation of alkynes via activation of \ddot{C} -activated alcohols: rapid synthesis of substituted benzofused six-membered heterocycles. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 5155-5160.	2.8	8
3	DDQ/FeCl ₃ -mediated tandem oxidative carbon-carbon bond formation for the Synthesis of indole-fluorene hybrid molecules. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 906-910.	2.8	8
4	Iron-catalyzed alkyne-carbonyl metathesis for the synthesis of 6,7-dihydro-5H-dibenzo[<i>c</i> , <i>e</i>]azonines. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 10549-10553.	2.8	6
5	Iron-Catalyzed Functionalization of 3-Benzylideneindoline Through Tandem Csp ² -Csp ³ Bond Formation/Isomerization with \ddot{C} -Activated Alcohols. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 61-65.	2.4	7
6	Catalytic Alkyne/Alkene-Carbonyl Metathesis: Towards the Development of Green Organic Synthesis. <i>Current Green Chemistry</i> , 2020, 7, 5-39.	1.1	18
7	Application of the Povarov Reaction in Biaryls under Iron Catalysis for the General Synthesis of Dibenzo[<i>a</i> , <i>c</i>]Acridines. <i>Journal of Organic Chemistry</i> , 2020, 85, 9281-9289.	3.2	16
8	Efficient two-step synthesis of structurally diverse indolo[2,3- <i>b</i>]quinoline derivatives. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 2321-2325.	2.8	13
9	Metal-Catalyzed Domino Synthesis of Benzophenanthridines and 6 <i>H</i> -Naphtho[2,3- <i>c</i>]-chromenes. <i>Journal of Organic Chemistry</i> , 2018, 83, 8139-8149.	3.2	11
10	Iron-Catalyzed Intramolecular Alkyne-Carbonyl Metathesis: A New Cyclization Strategy for the Synthesis of Benzocarbazole and Azepino[1,2- <i>a</i>]indole Derivatives. <i>Synthesis</i> , 2017, 49, 4205-4212.	2.3	6
11	Iron-Catalyzed 1,5-Enyne Cycloisomerization via 5-Endo-Dig Cyclization for the Synthesis of 3-(Inden-1-yl)indole Derivatives. <i>Organic Letters</i> , 2016, 18, 6512-6515.	4.6	23
12	Synthesis of Fused Dibenzofuran Derivatives via Palladium-Catalyzed Domino C-C Bond Formation and Iron-Catalyzed Cycloisomerization/Aromatization. <i>Journal of Organic Chemistry</i> , 2016, 81, 1164-1174.	3.2	35
13	Fe(OTf) ₃ -Catalyzed Aromatization of Substituted 3-Methyleneindoline and Benzo-furan Derivatives: A Selective Route to β -Alkylated Indoles and Benzofurans. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 5513-5517.	2.4	25
14	Iron-catalyzed tandem carbon-carbon/oxygen bond formation/aromatization of 2-alkynyl-biphenyl-2-carbinols: a new approach to the synthesis of substituted phenanthrenes. <i>Tetrahedron Letters</i> , 2015, 56, 312-315.	1.4	14
15	Fe-Catalyzed Novel Domino Isomerization/Cyclodehydration of Substituted 2-[(Indoline-3-ylidene)(methyl)]benzaldehyde Derivatives: An Efficient Approach toward Benzo[<i>b</i>]carbazole Derivatives. <i>Organic Letters</i> , 2014, 16, 2166-2169.	4.6	47
16	FeCl ₃ -catalyzed synthesis of functionally diverse dibenzo[<i>b</i> , <i>f</i>]oxepines and benzo[<i>b</i>]oxepines via alkyne-aldehyde metathesis. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 57-61.	2.8	55
17	Efficient synthesis of functionalized dihydroquinolines, quinolines and dihydrobenzo[<i>b</i>]azepine via an iron(III) chloride-catalyzed intramolecular alkyne-carbonyl metathesis of alkyne tethered 2-amino benzaldehyde/acetophenone derivatives. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 1759-1770.	2.8	44
18	Tandem C-3/C-2 annulation of indole, benzofuran, and benzothiophene with 2-alkynyl benzylalcohol: an efficient approach to the diverse tetracyclic heteroazulene ring systems. <i>Tetrahedron Letters</i> , 2014, 55, 6188-6192.	1.4	11

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19	Synthesis of Structurally Diverse Polyfunctional Pyrrolo[1,2-a]quinolines by Sequential Iron-Catalyzed Three-Component Coupling and Gold-Catalyzed Hydroarylation Reactions. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 6055-6061.	2.4	38
20	Three-Component Coupling Synthesis of Diversely Substituted N-Aryl Pyrroles Catalyzed by Iron(III) Chloride. <i>Synthetic Communications</i> , 2013, 43, 1563-1570.	2.1	19
21	Synthesis of Nitroalkenes Involving a Cooperative Catalytic Action of Iron(III) and Piperidine: A One-Pot Synthetic Strategy to 3-Alkylindoles, 2-H-Chromenes and N-Arylpyrrole. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 4823-4828.	2.4	51
22	Synthesis of Substituted Phenanthrene by Iron(III)-Catalyzed Intramolecular Alkyne-Carbonyl Metathesis. <i>Journal of Organic Chemistry</i> , 2012, 77, 8780-8786.	3.2	77
23	Highly efficient synthesis of polysubstituted fluorene via iron-catalyzed intramolecular Friedel-Crafts alkylation of biaryl alcohols. <i>Tetrahedron Letters</i> , 2012, 53, 5544-5547.	1.4	33
24	Iron-Catalyzed Synthesis of Functionalized 2-H-Chromenes via Intramolecular Alkyne-Carbonyl Metathesis. <i>Journal of Organic Chemistry</i> , 2011, 76, 3539-3544.	3.2	119
25	An Efficient Iron-Catalyzed Carbon-Carbon Single-Bond Cleavage via Retro-Claisen Condensation: A Mild and Convenient Approach to Synthesize a Variety of Esters or Ketones. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 2861-2866.	2.4	73
26	Iron(III)-Catalyzed Four-Component Coupling Reaction of 1,3-Dicarbonyl Compounds, Amines, Aldehydes, and Nitroalkanes: A Simple and Direct Synthesis of Functionalized Pyrroles. <i>Journal of Organic Chemistry</i> , 2010, 75, 1674-1683.	3.2	243
27	Inexpensive and Efficient Synthesis of Propargylic Substituted Active Methylene Compounds Catalyzed by FeCl ₃ . <i>Synthetic Communications</i> , 2010, 41, 243-254.	2.1	25
28	New and Efficient Iron Halide Mediated Synthesis of Alkenyl Halides through Coupling of Alkynes and Alcohols. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 2354-2359.	2.4	48
29	Iron(III)-Catalyzed Addition of Benzylic Alcohols to Aryl Alkynes - A New Synthesis of Substituted Aryl Ketones. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 5798-5804.	2.4	69
30	An efficient FeCl ₃ -catalyzed amidation reaction of secondary benzylic and allylic alcohols with carboxamides or p-toluenesulfonamide. <i>Tetrahedron Letters</i> , 2008, 49, 858-862.	1.4	113
31	A simple and efficient FeCl ₃ -catalyzed direct alkylation of active methylene compounds with benzylic and allylic alcohols under mild conditions. <i>Tetrahedron Letters</i> , 2007, 48, 4065-4069.	1.4	110
32	An FeCl ₃ -catalyzed highly C3-selective Friedel-Crafts alkylation of indoles with alcohols. <i>Tetrahedron Letters</i> , 2007, 48, 7160-7163.	1.4	125
33	Efficient microwave-assisted synthesis of quinolines and dihydroquinolines under solvent-free conditions. <i>Tetrahedron</i> , 2003, 59, 813-819.	1.9	110