

Tapas Ghosh

List of Publications by Year in descending order

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38
papers

785
citations

516681

16
h-index

552766

26
g-index

51
all docs

51
docs citations

51
times ranked

716
citing authors

#	ARTICLE	IF	CITATIONS
1	Iron-catalyzed synthesis of heterocycles. <i>Tetrahedron</i> , 2014, 70, 4827-4868.	1.9	59
2	Emerging Nickel Catalysis in Heck Reactions: Recent Developments. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 5257-5274.	4.3	53
3	Recent advances in heterocycle-based metal-free calamitics. <i>Journal of Materials Chemistry C</i> , 2017, 5, 12308-12337.	5.5	50
4	Free Space in Liquid Crystals—Molecular Design, Generation, and Usage. <i>Accounts of Chemical Research</i> , 2019, 52, 1653-1664.	15.6	44
5	Reductive Heck Reaction: An Emerging Alternative in Natural Product Synthesis. <i>ChemistrySelect</i> , 2019, 4, 4747-4755.	1.5	40
6	Green approach to highly functionalized thiopyrano derivatives via domino multi-component reaction in water. <i>RSC Advances</i> , 2012, 2, 1144-1152.	3.6	37
7	A reductive Mizoroki—Heck approach to dibenzo[b,e]oxepine. <i>Tetrahedron Letters</i> , 2013, 54, 4661-4665.	1.4	34
8	Palladium-Mediated Reductive Heck Cyclization for the Formation of Dibenzazepinone Framework. <i>Synlett</i> , 2009, 2009, 3127-3130.	1.8	33
9	2-phenylbenzoxazole-containing calamitic liquid crystals: synthesis and characterisation. <i>Liquid Crystals</i> , 2011, 38, 625-632.	2.2	29
10	Cholesterol-based unsymmetrical Schiff's base dimer terminated with 4-alkoxy-5-phenylthiophene unit: synthesis and characterisation. <i>Liquid Crystals</i> , 2010, 37, 1539-1547.	2.2	27
11	Palladium-mediated reductive Mizoroki—Heck cyclization strategy for the regioselective formation of dibenzazocinone framework. <i>Tetrahedron Letters</i> , 2010, 51, 3372-3375.	1.4	26
12	Catalyst-Free 1,3-Dipolar Cycloaddition: An Efficient Route for the Formation of the 1,2,3-Triazole-Fused Diazepinone Framework. <i>Synthesis</i> , 2010, 2010, 858-862.	2.3	22
13	Ferrocene-based novel calamitic metallomesogens containing a 2-phenylbenzoxazole unit: synthesis and characterisation. <i>Liquid Crystals</i> , 2011, 38, 567-573.	2.2	21
14	Unsymmetrical cholesterol and benzoxazole-based liquid crystalline dimers: synthesis and characterisation. <i>Liquid Crystals</i> , 2011, 38, 1269-1277.	2.2	20
15	Regioselective access of alkylidendibenzo[c,f]oxocine framework via cyclocarbopalladation/cross-coupling cascade reactions and reductive Heck strategy. <i>New Journal of Chemistry</i> , 2017, 41, 2927-2933.	2.8	20
16	Nickel Nanocatalysis: An Efficient Tool for Heck Reaction. <i>ChemCatChem</i> , 2021, 13, 828-835.	3.7	19
17	Facile Regioselective Synthesis of Functionalized Heterocycle-Tethered Spiro Compounds via an Intramolecular Electrophilic Ipso-Iodocyclization Process. <i>Synlett</i> , 2011, 2011, 2657-2662.	1.8	17
18	Unsymmetrical tetracatenar liquid crystals containing 2-phenylbenzoxazole: Synthesis and characterisation. <i>Liquid Crystals</i> , 2013, 40, 305-313.	2.2	17

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19	Fullerene-filled Stilbene Stars: The Balance between Isolated C ₆₀ Helices and 3D Networks in Liquid-Crystal Self-Assemblies. <i>Chemistry - A European Journal</i> , 2019, 25, 3352-3361.	3.3	17
20	Effect of Some Non Functional Surfactants and Electrolytes on the Hexavalent Chromium Reduction by Glycerol: A Mechanistic Study. <i>Tenside, Surfactants, Detergents</i> , 2011, 48, 453-458.	1.2	15
21	Nickel-Catalyzed Cascade Reactions. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 4201-4215.	2.4	15
22	Facile Synthesis of Coumarin- and Quinolone-Annulated Benzazoninone Derivatives by an Intramolecular Heck Reaction Strategy via 9-exo-trig Cyclization. <i>Synthesis</i> , 2011, 2011, 1569-1574.	2.3	14
23	Synthesis of Coumarin- and Quinolone-Annulated Benzazocinone Frameworks by a Palladium-Catalyzed Intramolecular Heck Reaction. <i>Synthesis</i> , 2012, 44, 1711-1717.	2.3	14
24	Gold-Catalyzed Carboxylative Cyclization Reactions: Recent Advances. <i>Asian Journal of Organic Chemistry</i> , 2021, 10, 496-505.	2.7	14
25	Regioselective synthesis of pyrano[3,2-f]quinoline and phenanthroline derivatives using molecular iodine. <i>Tetrahedron Letters</i> , 2013, 54, 5586-5590.	1.4	13
26	Iron(III) Chloride Catalyzed Synthesis of Functionalized Spiropyrimidines. <i>Synthesis</i> , 2013, 45, 3164-3172.	2.3	13
27	Nickel-catalyzed regioselective access to dibenzo[<i>c,f</i>]oxocine framework via reductive Heck reaction. <i>Synthetic Communications</i> , 2018, 48, 1338-1345.	2.1	13
28	Synthesis of novel pyrano[3,2-f]quinoline, phenanthroline derivatives and studies of their interactions with proteins: An application in mammalian cell imaging. <i>European Journal of Medicinal Chemistry</i> , 2014, 71, 306-315.	5.5	12
29	Liquid crystals from shape-persistent porphyrin stars with intrinsic free space. <i>Journal of Materials Chemistry C</i> , 2020, 8, 5562-5571.	5.5	12
30	Gold-catalyzed C-H functionalization reactions involving carbene intermediate: Recent advances. <i>Tetrahedron</i> , 2021, 90, 132167.	1.9	12
31	NHC-Mediated Stetter-Aldol and Imino-Stetter-Aldol Domino Cyclization to Naphthalen-1(2 <i>H</i>)-ones and Isoquinolines. <i>Organic Letters</i> , 2021, 23, 2178-2182.	4.6	11
32	Synthesis and Mesomorphic Behavior of Novel Liquid-Crystalline Thiophene Derivatives. <i>Molecular Crystals and Liquid Crystals</i> , 2010, 524, 17-25.	0.9	8
33	Montmorillonite K-10 Catalyzed, Microwave-Assisted Cyclization of Acetylenic Amines: An Efficient Synthesis of Pyrrolocoumarins and Pyrroloquinolones. <i>Synthesis</i> , 2012, 44, 2079-2083.	2.3	8
34	Iodine-Catalyzed Functionalization of Primary Aliphatic Amines to Oxazoles, 1,4-Oxazines, and Oxazinones. <i>ACS Omega</i> , 2019, 4, 20410-20422.	3.5	8
35	Synthesis and Mesomorphic Behavior of Novel Calamitic Liquid Crystalline Dimesogens Possessing a Cholesteryl Moiety Connected to a Pyrimidine Core. <i>Molecular Crystals and Liquid Crystals</i> , 2013, 577, 15-24.	0.9	5
36	Synthesis and Characterization of Symmetrical Eight Aromatic Ring Containing Bent-Shaped Material Derived from Benzophenone. <i>Molecular Crystals and Liquid Crystals</i> , 2010, 533, 63-72.	0.9	1

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37	Combined Spectroscopic And Molecular Docking Study Of Binding Interaction Of Pyrano [3, 2-F] Quinoline Derivatives With Bovine Serum Albumins And Its Application In Mammalian Cell Imaging. Advanced Materials Letters, 2015, 6, 1004-1011.	0.6	1
38	Interaction Of Bovine Serum Albumin With Synthetic Spiropyrimidines. Advanced Materials Letters, 2016, 7, 65-70.	0.6	1