Tapas Ghosh

List of Publications by Year in Descending Order

36 papers	569 citations	15 h-index	22 g-index
51 ext. papers	692 ext. citations	3.4 avg, IF	4.76 L-index

#	Paper	IF	Citations
36	Gold-catalyzed C–H functionalization reactions involving carbene intermediate: Recent advances. *Tetrahedron*, **2021**, 90, 132167	2.4	5
35	Nickel Nanocatalysis: An Efficient Tool for Heck Reaction. *ChemCatChem*, **2021**, 13, 828-835	5.2	10
34	Gold-Catalyzed Carboxylative Cyclization Reactions: Recent Advances. *Asian Journal of Organic Chemistry*, **2021**, 10, 496-505	3	6
33	NHC-Mediated Stetter-Aldol and Imino-Stetter-Aldol Domino Cyclization to Naphthalen-1(2)-ones and Isoquinolines. *Organic Letters*, **2021**, 23, 2178-2182	6.2	5
32	Nickel-Catalyzed Cascade Reactions. *European Journal of Organic Chemistry*, **2021**, 2021, 4201-4215	3.2	4
31	Liquid crystals from shape-persistent porphyrin stars with intrinsic free space. *Journal of Materials Chemistry C*, **2020**, 8, 5562-5571	7.1	4
30	Emerging Nickel Catalysis in Heck Reactions: Recent Developments. *Advanced Synthesis and Catalysis*, **2020**, 362, 5257-5274	5.6	27
29	Free Space in Liquid Crystals-Molecular Design, Generation, and Usage. *Accounts of Chemical Research*, **2019**, 52, 1653-1664	24.3	32
28	Reductive Heck Reaction: An Emerging Alternative in Natural Product Synthesis. *ChemistrySelect*, **2019**, 4, 4747-4755	1.8	23
27	Iodine-Catalyzed Functionalization of Primary Aliphatic Amines to Oxazoles, 1,4-Oxazines, and Oxazinones. *ACS Omega*, **2019**, 4, 20410-20422	3.9	6
26	Fullerene-Filled Stilbene Stars: The Balance between Isolated C Helices and 3D Networks in Liquid-Crystal Self-Assemblies. *Chemistry - A European Journal*, **2019**, 25, 3352-3361	4.8	9
25	Nickel-catalyzed regioselective access to dibenzo[c,f]oxocine framework via reductive Heck reaction. *Synthetic Communications*, **2018**, 48, 1338-1345	1.7	9
24	Regioselective access of alkylidendibenzo[c,f]oxocine framework via cyclocarbopalladation/cross-coupling cascade reactions and reductive Heck strategy. *New Journal of Chemistry*, **2017**, 41, 2927-2933	3.6	17
23	Recent advances in heterocycle-based metal-free calamitics. *Journal of Materials Chemistry C*, **2017**, 5, 12308-12337	7.1	40
22	Synthesis of novel pyrano[3,2-f]quinoline, phenanthroline derivatives and studies of their interactions with proteins: an application in mammalian cell imaging. *European Journal of Medicinal Chemistry*, **2014**, 71, 306-15	6.8	8
21	Iron-catalyzed synthesis of heterocycles. *Tetrahedron*, **2014**, 70, 4827-4868	2.4	49
20	Synthesis and Mesomorphic Behavior of Novel Calamitic Liquid Crystalline Dimesogens Possessing a Cholesteryl Moiety Connected to a Pyrimidine Core. *Molecular Crystals and Liquid Crystals*, **2013**, 577, 15-24	0.5	4

19	Regioselective synthesis of pyrano[3,2-f]quinoline and phenanthroline derivatives using molecular iodine. *Tetrahedron Letters*, **2013**, 54, 5586-5590	2	8
18	Unsymmetrical tetracatenar liquid crystals containing 2-phenylbenzoxazole: Synthesis and characterisation. *Liquid Crystals*, **2013**, 40, 305-313	2.3	15
17	A reductive Mizoroki–Heck approach to dibenzo[b,e]oxepine. *Tetrahedron Letters*, **2013**, 54, 4661-4665	2	20
16	Iron(III) Chloride Catalyzed Synthesis of Functionalized Spiropyrimidines. *Synthesis*, **2013**, 45, 3164-3172	2.9	10
15	Green approach to highly functionalized thiopyrano derivatives via domino multi-component reaction in water. *RSC Advances*, **2012**, 2, 1144-1152	3.7	36
14	Synthesis of Coumarin- and Quinolone-Annulated Benzazocinone Frameworks by a Palladium-Catalyzed Intramolecular Heck Reaction. *Synthesis*, **2012**, 44, 1711-1717	2.9	11
13	Montmorillonite K-10 Catalyzed, Microwave-Assisted Cyclization of Acetylenic Amines: An Efficient Synthesis of Pyrrolocoumarins and Pyrroloquinolones. *Synthesis*, **2012**, 44, 2079-2083	2.9	5
12	Effect of Some Non Functional Surfactants and Electrolytes on the Hexavalent Chromium Reduction by Glycerol: A Mechanistic Study. *Tenside, Surfactants, Detergents*, **2011**, 48, 453-458	1	13
11	Ferrocene-based novel calamitic metallomesogens containing a 2-phenylbenzoxazole unit: synthesis and characterisation. *Liquid Crystals*, **2011**, 38, 567-573	2.3	18
10	2-phenylbenzoxazole-containing calamitic liquid crystals: synthesis and characterisation. *Liquid Crystals*, **2011**, 38, 625-632	2.3	27
9	Facile Synthesis of Coumarin- and Quinolone-Annulated Benzazoninone Derivatives by an Intramolecular Heck Reaction Strategy via 9-exo-trig Cyclization. *Synthesis*, **2011**, 2011, 1569-1574	2.9	10
8	Unsymmetrical cholesterol and benzoxazole-based liquid crystalline dimers: synthesis and characterisation. *Liquid Crystals*, **2011**, 38, 1269-1277	2.3	16
7	Facile Regioselective Synthesis of Functionalized Heterocycle-Tethered Spiro Compounds via an Intramolecular Electrophilic Ipso-Iodocyclization Process. *Synlett*, **2011**, 2011, 2657-2662	2.2	13
6	Synthesis and Mesomorphic Behavior of Novel Liquid-Crystalline Thiophene Derivatives. *Molecular Crystals and Liquid Crystals*, **2010**, 524, 17-25	0.5	8
5	Catalyst-Free 1,3-Dipolar Cycloaddition: An Efficient Route for the Formation of the 1,2,3-Triazole-Fused Diazepinone Framework. *Synthesis*, **2010**, 2010, 858-862	2.9	20
4	Cholesterol-based unsymmetrical Schiff's base dimer terminated with 4-alkoxy-5-phenylthiophene unit: synthesis and characterisation. *Liquid Crystals*, **2010**, 37, 1539-1547	2.3	25
3	Synthesis and Characterization of Symmetrical Eight Aromatic Ring Containing Bent-Shaped Material Derived from Benzophenone. *Molecular Crystals and Liquid Crystals*, **2010**, 533, 63-72	0.5	1
2	Palladium-mediated reductive Mizoroki–Heck cyclization strategy for the regioselective formation of dibenzoazocinone framework. *Tetrahedron Letters*, **2010**, 51, 3372-3375	2	17

1	Palladium-Mediated Reductive Heck Cyclization for the Formation of Dibenzoazepinone Framework. *Synlett*, **2009**, 2009, 3127-3130	2.2	26