

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Iron-catalyzed synthesis of heterocycles. <i>Tetrahedron</i> , 2014 , 70, 4827-4868	2.4	49
35	Recent advances in heterocycle-based metal-free calamitics. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 12308-12337	7.1	40
34	Green approach to highly functionalized thiopyrano derivatives via domino multi-component reaction in water. <i>RSC Advances</i> , 2012 , 2, 1144-1152	3.7	36
33	Free Space in Liquid Crystals-Molecular Design, Generation, and Usage. <i>Accounts of Chemical Research</i> , 2019 , 52, 1653-1664	24.3	32
32	2-phenylbenzoxazole-containing calamitic liquid crystals: synthesis and characterisation. <i>Liquid Crystals</i> , 2011 , 38, 625-632	2.3	27
31	Emerging Nickel Catalysis in Heck Reactions: Recent Developments. <i>Advanced Synthesis and Catalysis</i> , 2020 , 362, 5257-5274	5.6	27
30	Palladium-Mediated Reductive Heck Cyclization for the Formation of Dibenzazepinone Framework. <i>Synlett</i> , 2009 , 2009, 3127-3130	2.2	26
29	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	2.3	25
28	Reductive Heck Reaction: An Emerging Alternative in Natural Product Synthesis. <i>ChemistrySelect</i> , 2019 , 4, 4747-4755	1.8	23
27	A reductive Mizoroki-Heck approach to dibenzo[b,e]oxepine. <i>Tetrahedron Letters</i> , 2013 , 54, 4661-4665	2	20
26	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	2.9	20
25	Ferrocene-based novel calamitic metallomesogens containing a 2-phenylbenzoxazole unit: synthesis and characterisation. <i>Liquid Crystals</i> , 2011 , 38, 567-573	2.3	18
24	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	3.6	17
23	Palladium-mediated reductive Mizoroki-Heck cyclization strategy for the regioselective formation of dibenzazocinone framework. <i>Tetrahedron Letters</i> , 2010 , 51, 3372-3375	2	17
22	Unsymmetrical cholesterol and benzoxazole-based liquid crystalline dimers: synthesis and characterisation. <i>Liquid Crystals</i> , 2011 , 38, 1269-1277	2.3	16
21	Unsymmetrical tetracatenar liquid crystals containing 2-phenylbenzoxazole: Synthesis and characterisation. <i>Liquid Crystals</i> , 2013 , 40, 305-313	2.3	15
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	13

19	Facile Regioselective Synthesis of Functionalized Heterocycle-Tethered Spiro Compounds via an Intramolecular Electrophilic Ipso-Iodocyclization Process. <i>Synlett</i> , 2011 , 2011, 2657-2662	2.2	13
18	Synthesis of Coumarin- and Quinolone-Annulated Benzazocinone Frameworks by a Palladium-Catalyzed Intramolecular Heck Reaction. <i>Synthesis</i> , 2012 , 44, 1711-1717	2.9	11
17	Iron(III) Chloride Catalyzed Synthesis of Functionalized Spiropyrimidines. <i>Synthesis</i> , 2013 , 45, 3164-3172	2.9	10
16	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	2.9	10
15	Nickel Nanocatalysis: An Efficient Tool for Heck Reaction. <i>ChemCatChem</i> , 2021 , 13, 828-835	5.2	10
14	Nickel-catalyzed regioselective access to dibenzo[c,f]oxocine framework via reductive Heck reaction. <i>Synthetic Communications</i> , 2018 , 48, 1338-1345	1.7	9
13	Fullerene-Filled Stilbene Stars: The Balance between Isolated C Helices and 3D Networks in Liquid-Crystal Self-Assemblies. <i>Chemistry - A European Journal</i> , 2019 , 25, 3352-3361	4.8	9
12	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, 306-15	6.8	8
11	Regioselective synthesis of pyrano[3,2-f]quinoline and phenanthroline derivatives using molecular iodine. <i>Tetrahedron Letters</i> , 2013 , 54, 5586-5590	2	8
10	Synthesis and Mesomorphic Behavior of Novel Liquid-Crystalline Thiophene Derivatives. <i>Molecular Crystals and Liquid Crystals</i> , 2010 , 524, 17-25	0.5	8
9	Iodine-Catalyzed Functionalization of Primary Aliphatic Amines to Oxazoles, 1,4-Oxazines, and Oxazinones. <i>ACS Omega</i> , 2019 , 4, 20410-20422	3.9	6
8	Gold-Catalyzed Carboxylative Cyclization Reactions: Recent Advances. <i>Asian Journal of Organic Chemistry</i> , 2021 , 10, 496-505	3	6
7	Montmorillonite K-10 Catalyzed, Microwave-Assisted Cyclization of Acetylenic Amines: An Efficient Synthesis of Pyrrolocoumarins and Pyrroloquinolones. <i>Synthesis</i> , 2012 , 44, 2079-2083	2.9	5
6	Gold-catalyzed C-H functionalization reactions involving carbene intermediate: Recent advances. <i>Tetrahedron</i> , 2021 , 90, 132167	2.4	5
5	NHC-Mediated Stetter-Aldol and Imino-Stetter-Aldol Domino Cyclization to Naphthalen-1(2)-ones and Isoquinolines. <i>Organic Letters</i> , 2021 , 23, 2178-2182	6.2	5
4	Liquid crystals from shape-persistent porphyrin stars with intrinsic free space. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 5562-5571	7.1	4
3	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	0.5	4
2	Nickel-Catalyzed Cascade Reactions. <i>European Journal of Organic Chemistry</i> , 2021 , 2021, 4201-4215	3.2	4

1	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	0.5	1
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