Dharmender Singh

List of Publications by Year in Descending Order

14 papers	225 citations	10 h-index	14 g-index
14 ext. papers	281 ext. citations	3.2 avg, IF	3.09 L-index

#	Paper	IF	Citations
14	EtN/DMSO-supported one-pot synthesis of highly fluorescent β-carboline-linked benzothiophenones via sulfur insertion and estimation of the photophysical properties. *Beilstein Journal of Organic Chemistry*, **2020**, 16, 1740-1753	2.5	5
13	A transition metal-free approach towards synthesis of β-carboline tethered 1,3,4-oxadiazoles via oxidative C–O bond formation. *New Journal of Chemistry*, **2019**, 43, 93-102	3.6	7
12	An AcOH-mediated metal free approach towards the synthesis of bis-carbolines and imidazopyridoindole derivatives and assessment of their photophysical properties. *Organic and Biomolecular Chemistry*, **2019**, 17, 835-844	3.9	14
11	Structural Diversity Attributed by Aza-Diels-Alder Reaction in Synthesis of Diverse Quinoline Scaffolds. *Current Organic Chemistry*, **2019**, 23, 920-958	1.7	5
10	ZnO-NP assisted synthesis of fluorescent β-carboline C-1 tethered benzimidazole/benzothiazole/benzoxazole derivatives and assessment of their photophysical properties. *New Journal of Chemistry*, **2019**, 43, 18304-18315	3.6	12
9	Indium-Mediated Domino Allylation-Lactonisation Approach: Diastereoselective Synthesis of β-Carboline C-3 Tethered γ-Methylene γ-Butyrolactones. *ChemistrySelect*, **2018**, 3, 4859-4864	1.8	8
8	An Expeditious Approach for the Synthesis of β-Carboline-Pyrazole-Based Molecular Hybrids. *Asian Journal of Organic Chemistry*, **2018**, 7, 383-394	3	11
7	Metal-free Decarboxylative Amination: An Alternative Approach Towards Regioselective Synthesis of β-Carboline N-fused Imidazoles. *Advanced Synthesis and Catalysis*, **2017**, 359, 1213-1226	5.6	27
6	In(OTf)3 assisted synthesis of β-carboline C-3 tethered imidazo[1,2-a]azine derivatives. *New Journal of Chemistry*, **2017**, 41, 1082-1093	3.6	24
5	Metal-free 1,3-dipolar cycloaddition approach towards the regioselective synthesis of β-carboline and isoxazole based molecular hybrids. *RSC Advances*, **2016**, 6, 88066-88076	3.7	11
4	Medicinal Attributes of Imidazo[1,2-a]pyridine Derivatives: An Update. *Current Topics in Medicinal Chemistry*, **2016**, 16, 2963-2994	3	48
3	In(OTf)3 catalysed an expeditious synthesis of β-carboline-imidazo[1,2-a]pyridine and imidazo[1,2-a]pyrazine conjugates. *RSC Advances*, **2016**, 6, 43881-43891	3.7	17
2	In(OTf)3-HBF4 Assisted Multicomponent Approach for One-Pot Synthesis of Pyrazolopyridinone Fused Imidazopyridines. *ChemistrySelect*, **2016**, 1, 4696-4703	1.8	10
1	Natural product inspired design and synthesis of β-carboline and γ-lactone based molecular hybrids. *Organic and Biomolecular Chemistry*, **2016**, 14, 8154-66	3.9	26