Shahnawaz Khan

List of Publications by Year
in descending order

20 papers	475 citations	759233 12 h-index	677142 22 g-index
31 all docs	31 docs citations	31 times ranked	594 citing authors

#	Article	IF	Citations
1	Skeletal Diverse Synthesis of N-Fused Polycyclic Heterocycles via the Sequence of Ugi-Type MCR and CuI-Catalyzed Coupling/Tandem Pictetâ€“Spengler Reaction. Journal of Organic Chemistry, 2012, 77, 1414-1421.	3.2	86
2	A Ligand-Free Pd-Catalyzed Cascade Reaction: An Access to the Highly Diverse Isoquinolin-1(2H)-one Derivatives via Isocyanide and Ugi-MCR Synthesized Amide Precursors. Organic Letters, 2012, 14, 3126-3129.	4.6	81
3	Diversity-oriented sustainable synthesis of antimicrobial spiropyrrolidine/thiapyrrolizidine oxindole derivatives: New ligands for a metallo-Î²-lactamase from Klebsiella pneumonia. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 2873-2880.	2.2	38
4	Synthesis of 2-(pyrimidin-2-yl)-1-phenyl-2,3,4,9-tetrahydro-1H-Î²-carbolines as antileishmanial agents. European Journal of Medicinal Chemistry, 2010, 45, 3274-3280.	5.5	35
5	Facile synthesis of diverse isoindolinone derivatives via Ugi-4CR followed by Cu-catalyzed deamidative C(sp2)â€“C(sp3) coupling. Tetrahedron Letters, 2013, 54, 1279-1284.	1.4	29
6	Application of Isocyanides as Amide Surrogates in the Synthesis of Diverse Isoindolinâ€1â€one Derivatives by a Palladiumâ€Catalyzed Tandem Carboxamidation/Hydroamidation Reaction. European Journal of Organic Chemistry, 2016, 2016, 5579-5587.	2.4	27
7	Access to Indole- And Pyrrole-Fused Diketopiperazines via Tandem Ugi-4CR/Intramolecular Cyclization and Its Regioselective Ring-Opening by Intermolecular Transamidation. Journal of Organic Chemistry, 2012, 77, 10211-10227.	3.2	25
8	Synthesis of Diverse Nitrogen Heterocycles via Palladiumâ€Catalyzed Tandem Azideâ€“Isocyanide Crossâ€Coupling/Cyclization: Mechanistic Insight using Experimental and Theoretical Studies. Advanced Synthesis and Catalysis, 2018, 360, 290-297.	4.3	24
9	A rational eco-compatible design strategy for regio- and diastereoselective synthesis of novel dispiropyrrolidine/thiapyrrolizidine hybrids. Tetrahedron Letters, 2015, 56, 4438-4444.	1.4	22
10	Iodine-catalyzed cross-coupling of isocyanides and thiols for the synthesis of S-thiocarbamates. Organic and Biomolecular Chemistry, 2018, 16, 8263-8266.	2.8	18
11	A natural product inspired hybrid approach towards the synthesis of novel pentamidine based scaffolds as potential anti-parasitic agents. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 291-296.	2.2	15
12	â€œOn Waterâ€•Sustainable Synthesis of 1,5â€Disubstituted Tetrazoles via Ugiâ€Azide Reaction through Perturbation of Kosmotropes Using Nacl.. ChemistrySelect, 2017, 2, 9684-9690.	1.5	13
13	Facile ligand-free Pd-catalyzed tandem Câ€“C/Câ€“N coupling reaction: a novel access to highly diverse tetrazole tag isoindoline derivatives. Tetrahedron Letters, 2015, 56, 5401-5408.	1.4	11
14	Diversity-oriented reconstruction of primitive diketopiperazine-fused tetrahydro-Î²-carboline ring systems via Pictetâ€“Spengler/Ugi-4CR/deprotection-cyclization reactions. RSC Advances, 2015, 5, 102713-102722.	3.6	11
15	Ugi Four-Component Reaction with Tandem Deprotection, Cyclization and Pictet-Spengler Reaction: A Concise Route to N-Fused Polycyclic IndolediÂketopiperazine Alkaloid Analogues. Synlett, 2013, 24, 1291-1297.	1.8	10
16	A Simple and Efficient Microwave-Assisted Synthesis of Substituted Isoindolinone Derivatives via Ligand-Free Pd-Catalyzed Domino C-C/C-N Coupling Reaction. Synlett, 2013, 24, 645-651.	1.8	9
17	SnCl₂Â·2H₂O: An Efficient Reagent for Selective and Direct Oxidative Desulfurization of Phenylmethylene-2-thiohydantoins to Corresponding Hydantoins. Phosphorus, Sulfur and Silicon and the Related Elements, 2011, 186, 1404-1410.	1.6	5
18	Expedient Base-Mediated Desulfitative Dimethylamination, Oxidation, or Etherification of 2-(Methylsulfanyl)-3,5-dihydro-4H-imidazol-4-one Scaffolds. Synthesis, 2013, 45, 2405-2412.	2.3	5

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19	A Versatile Pre and Post Ugi Modification for the Synthesis of Natural Product Inspired Fused Peptideâ€Carboline Scaffolds as Potential Antiâ€Leishmanial Agents. ChemistrySelect, 2019, 4, 12260-12267.	1.5	5
20	Discovery of a tetrazolyl Î²-carboline with in vitro and in vivo osteoprotective activity under estrogen-deficient conditions. MedChemComm, 2018, 9, 1213-1225.	3.4	4