Raja K Rit

List of Publications by Year
in descending order

24	1,730	361296 20	642610 23
papers	citations	h-index	g-index

34	34	34	1403
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Reusable directing groups [8-aminoquinoline, picolinamide, sulfoximine] in C(sp3)â€“H bond activation: present and future. Tetrahedron, 2015, 71, 4450-4459.	1.0	182
2	Sulfoximine Directed Intermolecular o-Câ€“H Amidation of Arenes with Sulfonyl Azides. Organic Letters, 2013, 15, 1638-1641.	2.4	168
3	Pd(II)-Catalyzed Primary-C(sp³)â€“H Acyloxylation at Room Temperature. Organic Letters, 2012, 14, 3724-3727.	2.4	166
4	Sulfoximines: A Reusable Directing Group for Chemoâ€•and Regioselective ortho Cï£¿H Oxidation of Arenes. Chemistry - A European Journal, 2012, 18, 5541-5545.	1.7	135
5	Ru(ii)-catalyzed intermolecular ortho-Câ€“H amidation of aromatic ketones with sulfonyl azides. Chemical Communications, 2013, 49, 5225.	2.2	124
6	Rutheniumâ€Catalyzed Hydroarylation and Oneâ€Pot Twofold Unsymmetrical Câˆ’H Functionalization of Arenes. Angewandte Chemie - International Edition, 2016, 55, 7821-7825.	7.2	114
7	Reusable and Removable Directing Groups for C(sp²)âˆ’H Bond Functionalization of Arenes. Asian Journal of Organic Chemistry, 2015, 4, 846-864.	1.3	113
8	Sulfoximine-Directed Ruthenium-Catalyzed ortho-Câ€“H Alkenylation of (Hetero)Arenes: Synthesis of EP3 Receptor Antagonist Analogue. Journal of Organic Chemistry, 2014, 79, 6123-6134.	1.7	111
9	Sulfoximine Assisted Pd(II)-Catalyzed Bromination and Chlorination of Primary Î²-C(sp³)â€“H Bond. Organic Letters, 2014, 16, 5258-5261.	2.4	105
10	Pd(II)-Catalyzed ortho-Câ€“H Oxidation of Arylacetic Acid Derivatives: Synthesis of Benzofuranones. Organic Letters, 2014, 16, 968-971.	2.4	78
11	Câ€“H imidation: a distinct perspective of Câ€“N bond formation. Organic and Biomolecular Chemistry, 2017, 15, 1282-1293.	1.5	55
12	Ru-Catalyzed One-Pot Diannulation of Heteroaryls: Direct Access to Ï€-Conjugated Polycyclic Amides. Organic Letters, 2016, 18, 6416-6419.	2.4	54
13	Electrochemical ipsoâ€Thiocyanation of Arylboron Compounds. Advanced Synthesis and Catalysis, 2019, 361, 3548-3553.	2.1	44
14	One-Pot Unsymmetrical {[4 + 2] and [4 + 2]} Double Annulations of o/oâ€²-Câ€“H Bonds of Arenes: Access to Unusual Pyranoisoquinolines. Organic Letters, 2018, 20, 5144-5148.	2.4	43
15	Sulfoximine-Assisted One-Pot Unsymmetrical Multiple Annulation of Arenes: A Combined Experimental and Computational Study. Journal of Organic Chemistry, 2018, 83, 9667-9681.	1.7	39
16	Electrochemical Câˆ’H Cyanation of Electronâ€Rich (Hetero)Arenes. Chemistry - A European Journal, 2018, 24, 11288-11291.	1.7	35
17	Ruthenium-Catalyzed Intramolecular Hydroarylation of Arenes and Mechanistic Study: Synthesis of Dihydrobenzofurans, Indolines, and Chromans. Journal of Organic Chemistry, 2016, 81, 8552-8560.	1.7	32
18	Directing Group Assisted Unsymmetrical Multiple Functionalization of Arene Câˆ’H Bonds. Chemical Record, 2020, 20, 1017-1042.	2.9	31

#	Article	IF	Citations
19	Double annulation of ortho- and peri-Câ€“H bonds of fused (hetero)arenes to unusual oxepino-pyridines. Chemical Science, 2020, 11, 10770-10777.	3.7	31
20	Rutheniumâ€Catalyzed Hydroarylation and Oneâ€Pot Twofold Unsymmetrical Câ^'H Functionalization of Arenes. Angewandte Chemie, 2016, 128, 7952-7956.	1.6	29
21	Synthesis of bio-based surfactants from cashew nutshell liquid in water. Green Chemistry, 2018, 20, 3210-3213.	4.6	21
22	Sulfoximine-Assisted Unsymmetrical Twofold Câ€“H Functionalization of Arenes. Journal of Organic Chemistry, 2020, 85, 8618-8626.	1.7	18
23	Novel Nitrogenâ€Rich Tetrazineâ€Based High Energy Density Molecules: Molecular Design and Computational Studies. Propellants, Explosives, Pyrotechnics, 2018, 43, 75-82.	1.0	2
24	Front Cover Picture: Electrochemical ipsoâ€Thiocyanation of Arylboron Compounds (Adv. Synth.) Tj ETQq0 0 0 rgBT /Overlock 10	2.1	0