

Raja K Rit

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,730
citations

361296

20
h-index

642610

23
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docs citations

34
times ranked

1403
citing authors

#	ARTICLE	IF	CITATIONS
1	Directing Group Assisted Unsymmetrical Multiple Functionalization of Arene C-H Bonds. <i>Chemical Record</i> , 2020, 20, 1017-1042.	2.9	31
2	Double annulation of ortho- and peri-C-H bonds of fused (hetero)arenes to unusual oxepino-pyridines. <i>Chemical Science</i> , 2020, 11, 10770-10777.	3.7	31
3	Sulfoximine-Assisted Unsymmetrical Twofold C-H Functionalization of Arenes. <i>Journal of Organic Chemistry</i> , 2020, 85, 8618-8626.	1.7	18
4	Front Cover Picture: Electrochemical Thiocyanation of Arylboron Compounds (Adv. Synth.)	2.1	0
5	Electrochemical Thiocyanation of Arylboron Compounds. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 3548-3553.	2.1	44
6	Novel Nitrogen-Rich Tetrazine-Based High Energy Density Molecules: Molecular Design and Computational Studies. <i>Propellants, Explosives, Pyrotechnics</i> , 2018, 43, 75-82.	1.0	2
7	Sulfoximine-Assisted One-Pot Unsymmetrical Multiple Annulation of Arenes: A Combined Experimental and Computational Study. <i>Journal of Organic Chemistry</i> , 2018, 83, 9667-9681.	1.7	39
8	One-Pot Unsymmetrical {[4 + 2] and [4 + 2]} Double Annulations of C-H Bonds of Arenes: Access to Unusual Pyranoisoquinolines. <i>Organic Letters</i> , 2018, 20, 5144-5148.	2.4	43
9	Electrochemical C-H Cyanation of Electron-Rich (Hetero)Arenes. <i>Chemistry - A European Journal</i> , 2018, 24, 11288-11291.	1.7	35
10	Synthesis of bio-based surfactants from cashew nutshell liquid in water. <i>Green Chemistry</i> , 2018, 20, 3210-3213.	4.6	21
11	C-H imidation: a distinct perspective of C-N bond formation. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 1282-1293.	1.5	55
12	Ru-Catalyzed One-Pot Diannulation of Heteroaryls: Direct Access to π -Conjugated Polycyclic Amides. <i>Organic Letters</i> , 2016, 18, 6416-6419.	2.4	54
13	Ruthenium-Catalyzed Intramolecular Hydroarylation of Arenes and Mechanistic Study: Synthesis of Dihydrobenzofurans, Indolines, and Chromans. <i>Journal of Organic Chemistry</i> , 2016, 81, 8552-8560.	1.7	32
14	Ruthenium-Catalyzed Hydroarylation and One-Pot Twofold Unsymmetrical C-H Functionalization of Arenes. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 7821-7825.	7.2	114
15	Ruthenium-Catalyzed Hydroarylation and One-Pot Twofold Unsymmetrical C-H Functionalization of Arenes. <i>Angewandte Chemie</i> , 2016, 128, 7952-7956.	1.6	29
16	Reusable and Removable Directing Groups for C(sp ²)-H Bond Functionalization of Arenes. <i>Asian Journal of Organic Chemistry</i> , 2015, 4, 846-864.	1.3	113
17	Reusable directing groups [8-aminoquinoline, picolinamide, sulfoximine] in C(sp ³)-H bond activation: present and future. <i>Tetrahedron</i> , 2015, 71, 4450-4459.	1.0	182
18	Pd(II)-Catalyzed ortho-C-H Oxidation of Arylacetic Acid Derivatives: Synthesis of Benzofuranones. <i>Organic Letters</i> , 2014, 16, 968-971.	2.4	78

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19	Sulfoximine Assisted Pd(II)-Catalyzed Bromination and Chlorination of Primary \hat{I}^2 -C(sp ³)â€“H Bond. <i>Organic Letters</i> , 2014, 16, 5258-5261.	2.4	105
20	Sulfoximine-Directed Ruthenium-Catalyzed <i>ortho</i> -Câ€“H Alkenylation of (Hetero)Arenes: Synthesis of EP3 Receptor Antagonist Analogue. <i>Journal of Organic Chemistry</i> , 2014, 79, 6123-6134.	1.7	111
21	Sulfoximine Directed Intermolecular <i>ortho</i> -Câ€“H Amidation of Arenes with Sulfonyl Azides. <i>Organic Letters</i> , 2013, 15, 1638-1641.	2.4	168
22	Ru(ii)-catalyzed intermolecular <i>ortho</i> -Câ€“H amidation of aromatic ketones with sulfonyl azides. <i>Chemical Communications</i> , 2013, 49, 5225.	2.2	124
23	Pd(II)-Catalyzed Primary-C(sp ³)â€“H Acyloxylation at Room Temperature. <i>Organic Letters</i> , 2012, 14, 3724-3727.	2.4	166
24	Sulfoximines: A Reusable Directing Group for Chemoâ€“and Regioselective <i>ortho</i> C-H Oxidation of Arenes. <i>Chemistry - A European Journal</i> , 2012, 18, 5541-5545.	1.7	135