

Suman Dana

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Ruthenium(II)-Catalyzed Hydroarylation of Maleimides Using Carboxylic Acids as a Traceless Directing Group. <i>Organic Letters</i> , 2017, 19, 4138-4141.	4.6	94
2	Ruthenium(II)-Catalyzed <i>ortho</i> -C-H Chalcogenation of Benzoic Acids via Weak O-Coordination: Synthesis of Chalcogenoxanthenes. <i>Organic Letters</i> , 2017, 19, 2430-2433.	4.6	92
3	Visible Light-Induced Synthetic Approach for Selenylative Spirocyclization of <i>N</i> -Aryl Alkynamides with Molecular Oxygen as Oxidant. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 1099-1103.	4.3	84
4	Ruthenium(II) Catalysis/Noncovalent Interaction Synergy for Cross-Dehydrogenative Coupling of Arene Carboxylic Acids. <i>ACS Catalysis</i> , 2018, 8, 10173-10179.	11.2	50
5	Ru(II)-Catalyzed C-H Functionalization on Maleimides with Electrophiles: A Demonstration of Umpolung Strategy. <i>Organic Letters</i> , 2017, 19, 1902-1905.	4.6	44
6	Recent Advancements in Transition-Metal-Catalyzed One-Pot Twofold Unsymmetrical Difunctionalization of Arenes. <i>Chemistry - an Asian Journal</i> , 2019, 14, 4074-4086.	3.3	33
7	Ru(II)-Catalyzed Oxidative <i>Heck</i> -Type Olefination of Aromatic Carboxylic Acids with Styrenes through Carboxylate-Assisted C-H Bond Activation. <i>Organic Letters</i> , 2018, 20, 716-719.	4.6	30
8	Ruthenium-Catalyzed Site-Selective C-H Bond Activation/Annulation Cascade toward Dibenzoazepinone Skeletons. <i>Organic Letters</i> , 2020, 22, 6760-6764.	4.6	30
9	Streamlined Ruthenium(II) Catalysis for One-Pot 2-fold Unsymmetrical C-H Olefination of (Hetero)Arenes. <i>Organic Letters</i> , 2019, 21, 5879-5883.	4.6	28
10	A ruthenium-catalyzed free amine directed (5+1) annulation of anilines with olefins: diverse synthesis of phenanthridine derivatives. <i>Chemical Communications</i> , 2019, 55, 11908-11911.	4.1	28
11	Ruthenium-Catalyzed C-N and C-O Bond-Forming Processes from C-H Bond Functionalization. <i>Topics in Organometallic Chemistry</i> , 2015, , 189-215.	0.7	25
12	Copper-Catalyzed 8-Aminoquinoline-Directed Oxidative C-H/N-H Coupling for N-Arylation of Sulfoximines. <i>Organic Letters</i> , 2020, 22, 2606-2610.	4.6	25
13	Silver-mediated oxidative annulation of <i>N</i> -arylthio succinimides with alkynes: direct access to benzo[b]thiophenes. <i>Organic Chemistry Frontiers</i> , 2016, 3, 1126-1130.	4.5	24
14	Enhancing Ru(II)-Catalysis with Visible-Light-Mediated Dye-Sensitized TiO ₂ Photocatalysis for Oxidative C-H Olefination of Arene Carboxylic Acids at Room Temperature. <i>Chemistry - an Asian Journal</i> , 2020, 15, 564-567.	3.3	18
15	Ruthenium(^{II})-catalyzed amide directed spiroannulation with naphthoquinones: access to spiro-isoindolone frameworks. <i>Chemical Communications</i> , 2020, 56, 13048-13051.	4.1	17
16	Ambident Reactivity of Nitroso Compounds for Direct Amination and Hydroxylation of Carbonyls. <i>Synthesis</i> , 2017, 49, 3281-3290.	2.3	16
17	Ru ^{II} -Catalyzed Annulative Coupling of Benzoic Acids with Vinyl Sulfone via Weak Carboxylate-Assisted C-H Bond Activation. <i>Asian Journal of Organic Chemistry</i> , 2018, 7, 1302-1306.	2.7	16
18	Directed C-H Bond Functionalization: A Unified Approach to Formal Syntheses of Amorfrutin A, Cajaninstilbene Acid, Hydrangenol, and Macrophyllol. <i>Journal of Organic Chemistry</i> , 2018, 83, 12327-12333.	3.2	16

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19	Cross-Dehydrogenative Coupling/Annulation of Arene Carboxylic Acids and Alkenes in Water with Ruthenium(II) Catalyst and Air. <i>Chemistry - an Asian Journal</i> , 2020, 15, 4009-4013.	3.3	16
20	Transition Metal Catalyzed Free-Amine (NH_2) Directed C-H Bond Activation and Functionalization for Biaryl Frameworks. <i>Chemical Record</i> , 2021, 21, 3795-3817.	5.8	15
21	A Cross-Dehydrogenative Annulation Strategy towards Synthesis of Polyfluorinated Phenanthridinones with Copper. <i>Chemistry - A European Journal</i> , 2018, 24, 3448-3454.	3.3	14
22	Ruthenium(II)-catalyzed C-H activation and (4+2) annulation of aromatic hydroxamic acid esters with allylic amides. <i>Chemical Communications</i> , 2021, 57, 10536-10539.	4.1	13
23	Ruthenium(II)-Catalyzed Regioselective C-H Olefination of Aromatic Ketones and Amides with Allyl Sulfones. <i>Organic Letters</i> , 2021, 23, 6855-6860.	4.6	10
24	Ruthenium(II)-Catalyzed C-H Activation/Annulation of Aromatic Hydroxamic Acid Esters with Enamides Leading to Amino Motifs. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 1385-1389.	2.4	4
25	Copper-Catalyzed Chelation-Assisted Synthesis of Unsymmetrical Aliphatic Azo Compounds. <i>ChemistrySelect</i> , 2017, 2, 2029-2033.	1.5	3
26	Brønsted Acid-promoted Facile Synthesis of N-Fused Angular Imidazoquinolines. <i>Chemistry Letters</i> , 2018, 47, 175-178.	1.3	0