

Yong-Sheng Bao

List of Publications by Year in descending order

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27
papers

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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Aminolysis of Aryl Ester Using Tertiary Amine as Amino Donor via C=O and C=N Bond Activations. <i>Journal of Organic Chemistry</i> , 2014, 79, 803-808. | 3.2 | 60 |
| 2 | Direct Photocatalytic Conversion of Aldehydes to Esters Using Supported Gold Nanoparticles under Visible Light Irradiation at Room Temperature. <i>Journal of Physical Chemistry C</i> , 2014, 118, 19062-19069. | 3.1 | 59 |
| 3 | Preparation of nitrogen-doped hierarchical porous carbon materials by a template-free method and application to CO ₂ capture. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 103732. | 6.7 | 48 |
| 4 | Energy-Efficient Green Catalysis: Supported Gold Nanoparticle-Catalyzed Aminolysis of Esters with Inert Tertiary Amines by C=O and C=N Bond Activations. <i>Journal of Organic Chemistry</i> , 2014, 79, 6715-6719. | 3.2 | 41 |
| 5 | Heterogeneous recyclable nano-palladium catalyzed amidation of esters using formamides as amine sources. <i>Green Chemistry</i> , 2016, 18, 3808-3814. | 9.0 | 30 |
| 6 | Replacing Pd(OAc) ₂ with supported palladium nanoparticles in ortho-directed CDC reactions of alkylbenzenes. <i>Green Chemistry</i> , 2016, 18, 2072-2077. | 9.0 | 19 |
| 7 | Palladium nanoparticles supported on organofunctionalized kaolin as an efficient heterogeneous catalyst for directed C-H functionalization of arylpyrazoles. <i>RSC Advances</i> , 2017, 7, 53878-53886. | 3.6 | 18 |
| 8 | A dual role for acetohydrazide in Pd-catalyzed controlled C(sp ³) H acetoxylation of aldehydes. <i>RSC Advances</i> , 2020, 10, 12192-12196. | 3.6 | 17 |
| 9 | Transesterification for Synthesis of Carboxylates Using Aldehydes as Acyl Donors via C-H and C=O Bond Activations. <i>Journal of Organic Chemistry</i> , 2012, 77, 8344-8349. | 3.2 | 15 |
| 10 | Heterogeneous Suzuki-Miyaura coupling of heteroaryl ester <i>via</i> chemoselective C(acyl) O bond activation. <i>RSC Advances</i> , 2019, 9, 17266-17272. | 3.6 | 12 |
| 11 | A green route to CO ₂ adsorption on biomass chitosan derived nitrogen-doped micropore-dominated carbon nanosheets by different activators. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107021. | 6.7 | 12 |
| 12 | Supported Palladium Nanoparticles Catalyzed <i>Ortho</i> -Directed C-C Coupling Reaction via a Pd ⁰ /Pd ^{II} /Pd ^{IV} Catalytic Cycle. <i>Journal of Physical Chemistry C</i> , 2015, 119, 20426-20432. | 3.1 | 11 |
| 13 | Transesterification of (hetero)aryl esters with phenols by an Earth-abundant metal catalyst. <i>RSC Advances</i> , 2018, 8, 25168-25176. | 3.6 | 11 |
| 14 | One pot synthesis of diarylfurans from aryl esters and PhI(OAc) ₂ via palladium-associated iodonium ylides. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 4179-4182. | 2.8 | 9 |
| 15 | Chemical synthesis and functional characterization of a new class of ceramide analogues as anti-cancer agents. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 1489-1496. | 3.0 | 8 |
| 16 | Nano palladium catalyzed C(sp ³) H bonds arylation by a transient directing strategy. <i>Chinese Chemical Letters</i> , 2021, 32, 465-469. | 9.0 | 8 |
| 17 | Recyclable CuMgAl hydrotalcite for oxidative esterification of aldehydes with alkylbenzenes. <i>Green Chemistry Letters and Reviews</i> , 2018, 11, 230-236. | 4.7 | 7 |
| 18 | [3 + 2 + 1] Pyridine Skeleton Synthesis Using Acetonitrile as C ₄ N ₁ Units and Solvent. <i>Journal of Organic Chemistry</i> , 2021, 86, 12664-12675. | 3.2 | 7 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Transient directing group controlled regiodivergent C(sp ³)–H and C(sp ²)–H polyfluoroalkoxylation of aromatic aldehydes. <i>Organic Chemistry Frontiers</i> , 2021, 8, 5975-5981. | 4.5 | 7 |
| 20 | Regiodivergent CDC reactions of aromatic aldehydes with unactivated arenes controlled by transient directing strategy. <i>Chemical Communications</i> , 2021, 57, 11229-11232. | 4.1 | 7 |
| 21 | Preparation of 2 dimensional organic-decorated quaternary TM-Cd-Sb-Se (TM = Zn, Mn, Fe) compounds by solvothermal method: Syntheses, crystal structures and properties. <i>Journal of Solid State Chemistry</i> , 2021, 296, 121964. | 2.9 | 6 |
| 22 | The solvothermal synthesis and characterization of quaternary arsenic chalcogenides CsTMAsQ ₃ (TM = Hg, Cd; Q = S, Se) using Cs ⁺ as a structure directing agent: from 1D anionic chains to 2D anionic layers. <i>RSC Advances</i> , 2020, 10, 34903-34909. | 3.6 | 5 |
| 23 | From amides to urea derivatives or carbamates with chemospecific C–C bond cleavage at room temperature. <i>Organic Chemistry Frontiers</i> , 2022, 9, 1354-1363. | 4.5 | 4 |
| 24 | FeNP-loaded coal-bearing kaolin catalysts for the direct esterification of benzoic acid with cyclic ether via C(sp ³)-H bond activation. <i>Green Chemistry Letters and Reviews</i> , 2021, 14, 563-575. | 4.7 | 2 |
| 25 | Mesoporous Carbon-Supported Pd Nanoparticles in the Metallic State-Catalyzed Acylation of Amides with Aryl Esters via C=O Activation. <i>ACS Omega</i> , 2022, 7, 12779-12786. | 3.5 | 2 |
| 26 | Assembly of new quaternary TM-Cu-Ge-Se compounds (TM = Ni, Mn) by the combination of two types of metal coordination geometries. <i>Inorganic Chemistry Communication</i> , 2021, 130, 108683. | 3.9 | 0 |
| 27 | Supported Palladium Nanoparticles Catalyzed Intermolecular Carbopalladation of Nitriles and Organoboron Compounds. <i>Frontiers in Chemistry</i> , 2022, 10, . | 3.6 | 0 |