

# Yong-Sheng Bao

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

425  
citations

933447

10  
h-index

752698

20  
g-index

28  
all docs

28  
docs citations

28  
times ranked

511  
citing authors

#	ARTICLE	IF	CITATIONS
1	A green route to CO <sub>2</sub> 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
2	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
3	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
4	Supported Palladium Nanoparticles Catalyzed Intermolecular Carbopalladation of Nitriles and Organoboron Compounds. <i>Frontiers in Chemistry</i> , 2022, 10, .	3.6	0
5	Nano palladium catalyzed C(sp <sup>3</sup> ) H bonds arylation by a transient directing strategy. <i>Chinese Chemical Letters</i> , 2021, 32, 465-469.	9.0	8
6	Preparation of 0–2 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
7	[3 + 2 + 1] Pyridine Skeleton Synthesis Using Acetonitrile as C <sub>4</sub> N <sub>1</sub> Units and Solvent. <i>Journal of Organic Chemistry</i> , 2021, 86, 12664-12675.	3.2	7
8	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
9	FeNP-loaded coal-bearing kaolin catalysts for the direct esterification of benzoic acid with cyclic ether via C(sp <sup>3</sup> )-H bond activation. <i>Green Chemistry Letters and Reviews</i> , 2021, 14, 563-575.	4.7	2
10	Transient directing group controlled regiodivergent C(sp <sup>3</sup> )-H and C(sp <sup>2</sup> )-H polyfluoroalkoxylation of aromatic aldehydes. <i>Organic Chemistry Frontiers</i> , 2021, 8, 5975-5981.	4.5	7
11	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
12	The solvothermal synthesis and characterization of quaternary arsenic chalcogenides Cs <sub>3</sub> TMAsQ <sub>3</sub> (TM = Hg, Cd; Q = S, Se) using Cs <sup>+</sup> as a structure directing agent: from 1D anionic chains to 2D anionic layers. <i>RSC Advances</i> , 2020, 10, 34903-34909.	3.6	5
13	A dual role for acetohydrazide in Pd-catalyzed controlled C(sp <sup>3</sup> )-H acetoxylation of aldehydes. <i>RSC Advances</i> , 2020, 10, 12192-12196.	3.6	17
14	Preparation of nitrogen-doped hierarchical porous carbon materials by a template-free method and application to CO <sub>2</sub> capture. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 103732.	6.7	48
15	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
16	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
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	Transesterification of (hetero)aryl esters with phenols by an Earth-abundant metal catalyst. <i>RSC Advances</i> , 2018, 8, 25168-25176.	3.6	11

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19	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
20	Heterogeneous recyclable nano-palladium catalyzed amidation of esters using formamides as amine sources. <i>Green Chemistry</i> , 2016, 18, 3808-3814.	9.0	30
21	Replacing Pd(OAc) <sub>2</sub> with supported palladium nanoparticles in ortho-directed CDC reactions of alkylbenzenes. <i>Green Chemistry</i> , 2016, 18, 2072-2077.	9.0	19
22	Supported Palladium Nanoparticles Catalyzed <i>ortho</i> -Directed C–C Coupling Reaction via a Pd <sup>0</sup> /Pd <sup>II</sup> /Pd <sup>IV</sup> Catalytic Cycle. <i>Journal of Physical Chemistry C</i> , 2015, 119, 20426-20432.	3.1	11
23	One pot synthesis of diarylfurans from aryl esters and PhI(OAc) <sub>2</sub> via palladium-associated iodonium ylides. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 4179-4182.	2.8	9
24	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
25	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
26	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
27	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