

# Jayasree Seayad

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7681985/publications.pdf>

Version: 2024-02-01

28  
papers

4,164  
citations

394421

19  
h-index

501196

28  
g-index

33  
all docs

33  
docs citations

33  
times ranked

3872  
citing authors

#	ARTICLE	IF	CITATIONS
1	Asymmetric organocatalysis. <i>Organic and Biomolecular Chemistry</i> , 2005, 3, 719.	2.8	1,080
2	Catalytic Markovnikov and anti-Markovnikov Functionalization of Alkenes and Alkynes: Recent Developments and Trends. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 3368-3398.	13.8	981
3	Catalytic Asymmetric Pictet-Spengler Reaction. <i>Journal of the American Chemical Society</i> , 2006, 128, 1086-1087.	13.7	474
4	Base-Catalyzed Hydroamination of Olefins: An Environmentally Friendly Route to Amines. <i>Advanced Synthesis and Catalysis</i> , 2002, 344, 795-813.	4.3	387
5	Advances and Adventures in Amination Reactions of Olefins and Alkynes. <i>Synlett</i> , 2002, 2002, 1579-1594.	1.8	181
6	Thioamide-Directed Cobalt(III)-Catalyzed Selective Amidation of C(sp <sup>3</sup> )-H Bonds. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 16550-16554.	13.8	138
7	Expeditious and Divergent Total Syntheses of Aspidosperma Alkaloids Exploiting Iridium(I)-Catalyzed Generation of Reactive Enamine Intermediates. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 13436-13440.	13.8	113
8	Organocatalytic Synthesis of N-Phenylisoxazolidin-5-ones and a One-Pot Synthesis of $\beta$ -Amino Acid Esters. <i>Organic Letters</i> , 2008, 10, 953-956.	4.6	108
9	N-Heterocyclic Carbene (NHC)-Catalyzed Direct Amidation of Aldehydes with Nitroso Compounds. <i>Organic Letters</i> , 2008, 10, 2333-2336.	4.6	101
10	Rhodium(III)-Amine Dual Catalysis for the Oxidative Coupling of Aldehydes by Directed C-H Activation: Synthesis of Phthalides. <i>Organic Letters</i> , 2013, 15, 5166-5169.	4.6	93
11	Copper-Catalyzed Diacetoxylation of Olefins using PhI(OAc) <sub>2</sub> as Oxidant. <i>Organic Letters</i> , 2010, 12, 1412-1415.	4.6	72
12	Catalytic Regioselective Oxidative Coupling of Furan-2-Carbonyls with Simple Arenes. <i>ACS Catalysis</i> , 2012, 2, 1787-1791.	11.2	55
13	N-Heterocyclic Carbene (NHC) Catalyzed Cycloaddition of CO <sub>2</sub> to N-Tosyl Aziridines: Regio and Stereoselective Synthesis of Oxazolidinones. <i>ChemCatChem</i> , 2012, 4, 774-777.	3.7	52
14	Scope of direct arylation of fluorinated aromatics with aryl sulfonates. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 2289.	2.8	48
15	Expeditious and Divergent Total Syntheses of Aspidosperma Alkaloids Exploiting Iridium(I)-Catalyzed Generation of Reactive Enamine Intermediates. <i>Angewandte Chemie</i> , 2016, 128, 13634-13638.	2.0	48
16	Thioamide-Directed Cobalt(III)-Catalyzed Selective Amidation of C(sp <sup>3</sup> )-H Bonds. <i>Angewandte Chemie</i> , 2017, 129, 16777-16781.	2.0	38
17	Biobased Nonisocyanate Polyurethanes as Recyclable and Intrinsic Self-Healing Coating with Triple Healing Sites. <i>ACS Macro Letters</i> , 2021, 10, 635-641.	4.8	36
18	AgNO <sub>3</sub> -Assisted Direct C-H Arylation of Heteroarenes with Anilines. <i>Chemistry - A European Journal</i> , 2014, 20, 12754-12758.	3.3	29

#	ARTICLE	IF	CITATIONS
19	Development of a genetically programmed vanillin-sensing bacterium for high-throughput screening of lignin-degrading enzyme libraries. <i>Biotechnology for Biofuels</i> , 2017, 10, 32.	6.2	28
20	Truce's Smiles Rearrangements by Strain Release: Harnessing Primary Alkyl Radicals for Metal-Free Arylation. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 22219-22223.	13.8	24
21	Cardiomyocyte differentiation of pluripotent stem cells with SB203580 analogues correlates with Wnt pathway CK1 inhibition independent of p38 MAPK signaling. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 80, 56-70.	1.9	18
22	Kinetic Modeling of Carbonylation of 1-(4-Isobutylphenyl)ethanol Using a Homogeneous PdCl <sub>2</sub> (PPh <sub>3</sub> ) <sub>2</sub> /TsOH/LiCl Catalyst System. <i>Industrial &amp; Engineering Chemistry Research</i> , 2003, 42, 2496-2506.	3.7	12
23	Palladium-Catalyzed Oxidative Heck Coupling of Cyclic Enones with Simple Arenes by C-H Activation. <i>ChemCatChem</i> , 2015, 7, 1270-1274.	3.7	10
24	Advances in amide and thioamide assisted C(sp <sup>3</sup> ) H functionalization. <i>Tetrahedron Letters</i> , 2019, 60, 151338.	1.4	10
25	Engineered RebH Halogenase Variants Demonstrating a Specificity Switch from Tryptophan towards Novel Indole Compounds. <i>ChemBioChem</i> , 2021, 22, 2791-2798.	2.6	10
26	Silver-Nitrite-Assisted In Situ Diazotization Reaction: Cross-Coupling of Anilines with Arylboronic Acids at Room Temperature. <i>Asian Journal of Organic Chemistry</i> , 2015, 4, 521-524.	2.7	9
27	Tri-substituted imidazole analogues of SB203580 as inducers for cardiomyogenesis of human embryonic stem cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 3300-3303.	2.2	8
28	Truce's Smiles Rearrangements by Strain Release: Harnessing Primary Alkyl Radicals for Metal-Free Arylation. <i>Angewandte Chemie</i> , 2021, 133, 22393-22397.	2.0	1