

# James A Bennett

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11502294/publications.pdf>

Version: 2024-02-01

12  
papers

1,125  
citations

840776

11  
h-index

1125743

13  
g-index

13  
all docs

13  
docs citations

13  
times ranked

1931  
citing authors

#	ARTICLE	IF	CITATIONS
1	Heterogeneous catalysis for sustainable biodiesel production via esterification and transesterification. <i>Chemical Society Reviews</i> , 2014, 43, 7887-7916.	38.1	614
2	Catalytic applications of waste derived materials. <i>Journal of Materials Chemistry A</i> , 2016, 4, 3617-3637.	10.3	159
3	Microbial synthesis of core/shell gold/palladium nanoparticles for applications in green chemistry. <i>Journal of the Royal Society Interface</i> , 2012, 9, 1705-1712.	3.4	95
4	Catalytic upgrading of biooils by esterification. <i>Journal of Chemical Technology and Biotechnology</i> , 2015, 90, 780-795.	3.2	81
5	Acetic Acid Ketonization over Fe <sub>3</sub> O <sub>4</sub> /SiO <sub>2</sub> for Pyrolysis Biooil Upgrading. <i>ChemCatChem</i> , 2017, 9, 1648-1654.	3.7	47
6	Zirconia catalysed acetic acid ketonisation for pre-treatment of biomass fast pyrolysis vapours. <i>Catalysis Science and Technology</i> , 2018, 8, 1134-1141.	4.1	31
7	Use of <i>Desulfovibrio</i> and <i>Escherichia coli</i> nanocatalysts in reduction of Cr(VI) and hydrogenolytic dehalogenation of polychlorinated biphenyls and used transformer oil. <i>Journal of Chemical Technology and Biotechnology</i> , 2012, 87, 1430-1435.	3.2	24
8	Synthesis and coordination chemistry of fluorinated phosphonic acids. <i>Journal of Fluorine Chemistry</i> , 2009, 130, 615-620.	1.7	19
9	Synthesis and characterisation of trisarylphosphine selenides: Further insight into the effect of fluoroalkylation on the electronic properties of trisarylphosphines. <i>Polyhedron</i> , 2007, 26, 1505-1513.	2.2	17
10	Rhodium catalysed hydroformylation of alkenes using highly fluorophilic phosphines. <i>Dalton Transactions</i> , 2005, , 3862.	3.3	16
11	Bio-oil upgrading via vapor-phase ketonization over nanostructured FeOx and MnOx: catalytic performance and mechanistic insight. <i>Biomass Conversion and Biorefinery</i> , 2017, 7, 319-329.	4.6	14
12	Selective hydrogenation catalyst made via heat-processing of biogenic Pd nanoparticles and novel "green" catalyst for Heck coupling using waste sulfidogenic bacteria. <i>Applied Catalysis B: Environmental</i> , 2022, 306, 121059.	20.2	7