

# Jahyo Kang

## List of Publications by Year in descending order

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26  
papers

1,067  
citations

394421

19  
h-index

642732

23  
g-index

30  
all docs

30  
docs citations

30  
times ranked

815  
citing authors

#	ARTICLE	IF	CITATIONS
1	Lanthanide triflate-catalyzed three component synthesis of $\beta$ -amino phosphonates in ionic liquids. A catalyst reactivity and reusability study. <i>Chemical Communications</i> , 2001, , 1698-1699.	4.1	142
2	Enantioselective addition of diethylzinc to $\beta$ -branched aldehydes. <i>Journal of the Chemical Society Chemical Communications</i> , 1994, , 2009-2010.	2.0	91
3	$\alpha$ -Lithiomethylenetriphenylphosphorane, a highly reactive ylide equivalent. <i>Journal of the American Chemical Society</i> , 1982, 104, 4724-4725.	13.7	89
4	Asymmetric synthesis of a new cylindrically chiral and air-stable ferrocenyldiphosphine and its application to rhodium-catalyzed asymmetric hydrogenation. <i>Tetrahedron Letters</i> , 1998, 39, 5523-5526.	1.4	73
5	Novel C-aryl glucoside SGLT2 inhibitors as potential antidiabetic agents: 1,3,4-Thiadiazolymethylphenyl glucoside congeners. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 2178-2194.	3.0	68
6	Activation of methylenetriphenylphosphorane by reaction with <i>n</i> -butyl- or <i>n</i> -butyllithium. <i>Tetrahedron Letters</i> , 1985, 26, 555-558.	1.4	65
7	Enantioselective Addition of Diethylzinc to Aldehydes Catalyzed by A Drug-Unrelated Chiral Amino Thiol and the Corresponding Disulfide. <i>Synlett</i> , 1994, 1994, 842-844.	1.8	49
8	Palladium(II)-catalyzed ortho <i>o</i> -arylation via phosphate-group-directed C-H activation. <i>Tetrahedron</i> , 2013, 69, 5152-5159.	1.9	49
9	Stereospecific total synthesis of 11(R)-HETE (2), lipooxygenation product of arachidonic acid via the prostaglandin pathway. <i>Journal of the American Chemical Society</i> , 1981, 103, 4618-4619.	13.7	42
10	Preparation of bis[palladacycles] and application to asymmetric aza-Claisen rearrangement of allylic imidates. <i>Tetrahedron Letters</i> , 2002, 43, 9509-9512.	1.4	42
11	The effect of face-blocking in the enantioselective aza-Claisen rearrangement of allylic imidates. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 415-418.	1.8	39
12	Ir-Catalyzed Allylic Amination/Ring-Closing Metathesis: A New Route to Enantioselective Synthesis of Cyclic $\beta$ -Amino Alcohol Derivatives. <i>Journal of Organic Chemistry</i> , 2007, 72, 7443-7446.	3.2	36
13	Short, stereocontrolled syntheses of irreversible eicosanoid biosynthesis inhibitors. 5,6-, 8,9-, and 11,12-dehydroarachidonic acid. <i>Tetrahedron Letters</i> , 1982, 23, 1651-1654.	1.4	34
14	Asymmetric catalytic reduction of meso-imides. <i>Tetrahedron Letters</i> , 1995, 36, 4265-4268.	1.4	34
15	Stereoselective conjugate addition of diethylzinc to enones and nitroalkenes. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 305-315.	1.8	34
16	Preparation of pseudo-C <sub>2</sub> -symmetric P,S-hybrid ferrocenyl ligand and its application to some asymmetric reactions. <i>Journal of Molecular Catalysis A</i> , 2003, 196, 55-63.	4.8	31
17	Enantioselective catalytic reduction of dihydroisoquinoline derivatives. <i>Tetrahedron: Asymmetry</i> , 1997, 8, 657-660.	1.8	26
18	Synthesis of chiral plane-extended pyridyl alcohols for the enantioselective addition of diethylzinc to aldehydes. <i>Tetrahedron: Asymmetry</i> , 1999, 10, 2523-2533.	1.8	26

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19	Preparation of a new FerroPHOS derivative for palladium-catalyzed asymmetric allylic alkylations. <i>Tetrahedron: Asymmetry</i> , 2001, 12, 33-35.	1.8	26
20	Asymmetric modular synthesis of cylindrically chiral FerroPHOS ligands for the Rh-catalyzed asymmetric hydroboration. , 2000, 12, 378-382.		25
21	Synthesis of New Bis(amidine)â€“Cobalt Catalysts and Their Application to Styrene Polymerization. <i>Organometallics</i> , 2014, 33, 1617-1622.	2.3	19
22	An Improved Preparation of Triacetic Acid Derivatives. <i>Synthetic Communications</i> , 1984, 14, 265-269.	2.1	12
23	Synthesis of Enantiopure Ruthenium Tricarbonyl Complexes of a Bicyclic Cyclopentadienone Derivative. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 2510-2513.	2.0	8
24	A concise synthesis of unnatural (+)-5-epi-nojirimycin-Î²-lactam via asymmetric reduction of a meso-imide. <i>Tetrahedron: Asymmetry</i> , 1999, 10, 657-660.	1.8	7
25	Preparation of Bis[palladacycles] and Application to Asymmetric Aza-Claisen Rearrangement of Allylic Imidates.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
26	Stereoselective Conjugate Addition of Diethylzinc to Enones and Nitroalkenes.. <i>ChemInform</i> , 2003, 34, no.	0.0	0