Jung-Woo Park

List of Publications by Year
in descending order

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37 papers	2,336 citations	377584 21 h-index	388640 36 g-index
57 all docs	57 docs citations	57 times ranked	2602 citing authors

#	Article	IF	Citations
1	Cobalt-catalyzed alkyne hydrosilylation as a new frontier to selectively access silyl-hydrocarbons. Chemical Communications, 2022, 58, 491-504.	2.2	28
2	Head-to-Head Homocoupling of Ynamides via a Dual Activation Mode of Triple Bonds by Half-Sandwich Metal Complexes. Organometallics, 2022, 41, 900-905.	1.1	0
3	Cobalt-Hydride-Catalyzed Hydrosilylation of 3-Alkynes Accompanying Ï€-Bond Migration. ACS Catalysis, 2021, 11, 1548-1553.	5.5	23
4	Ni-Catalyzed Intermolecular C(sp³)â€“H Amidation Tuned by Bidentate Directing Groups. ACS Catalysis, 2021, 11, 3067-3072.	5.5	25
5	Electrolytic Câ€“H Oxygenation via Oxidatively Induced Reductive Elimination in Rh Catalysis. ACS Catalysis, 2021, 11, 6590-6595.	5.5	35
6	Regioselective Access to Î±-Vinylsilanes and Î±-Vinylgermanes by Cobalt-Catalyzed Migratory Hydrofunctionalization of 2-Alkynes. ACS Catalysis, 2021, 11, 12777-12784.	5.5	23
7	Modular Tuning of Electrophilic Reactivity of Iridium Nitrenoids for the Intermolecular Selective Î±-Amidation of Î²-Keto Esters. Journal of the American Chemical Society, 2020, 142, 11999-12004.	6.6	33
8	Catalytic Alkyne Arylation Using Traceless Directing Groups. Angewandte Chemie - International Edition, 2018, 57, 13598-13602.	7.2	16
9	Catalytic Alkyne Arylation Using Traceless Directing Groups. Angewandte Chemie, 2018, 130, 13786-13790.	1.6	2
10	A one-step method for covalent bond immobilization of biomolecules on silica operated in aqueous solution. Chemical Science, 2018, 9, 7981-7985.	3.7	4
11	Rhodium-Catalyzed Enantioselective Cycloisomerization to Cyclohexenes Bearing Quaternary Carbon Centers. Journal of the American Chemical Society, 2016, 138, 3310-3313.	6.6	45
12	A method for introducing organic functional groups on silica surfaces using a functionalized vinylsilane containing polymer. Polymer Chemistry, 2015, 6, 555-560.	1.9	15
13	Rh-catalyzed Câ€“C bond cleavage by transfer hydroformylation. Science, 2015, 347, 56-60.	6.0	201
14	A one-step co-condensation method for the synthesis of well-defined functionalized mesoporous SBA-15 using trimethallylsilanes as organosilane sources. Chemical Communications, 2015, 51, 17084-17087.	2.2	20
15	Rh-catalyzed desymmetrization of Î±-quaternary centers by isomerization-hydroacylation. Chemical Science, 2015, 6, 4479-4483.	3.7	57
16	Microwaveâ€Assisted, Rhodium(III)â€Catalyzed Nâ€Annulation Reactions of Aryl and Î±,Î²â€Unsaturated Ketones with Alkynes. Chemistry - A European Journal, 2014, 20, 323-333.	1.7	45
17	Synthesis of Isoquinoline Derivatives through Rhodium(III)â€•Catalyzed Reactions of Benzylamines with Nonâ€Terminal Alkynes. Advanced Synthesis and Catalysis, 2013, 355, 2667-2679.	2.1	52
18	A method for highly efficient catalytic immobilisation of glucose oxidase on the surface of silica. Chemical Communications, 2013, 49, 11170.	2.2	8

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19	Metalâ€“Organic Cooperative Catalysis in Câ€“C Bond Activation. Topics in Current Chemistry, 2013, 346, 59-83.	4.0	15
20	Ir(I)/HCl Catalyzed Head-to-Tail Homocoupling Reactions of Vinylsilanes. Organic Letters, 2012, 14, 1468-1471.	2.4	5
21	A method for the synthesis of pyridines from aldehydes, alkynes and NH4OAc involving Rh-catalyzed hydroacylation and N-annulation. Chemical Communications, 2012, 48, 11787.	2.2	42
22	Pyridine synthesis by reactions of allyl amines and alkynes proceeding through a Cu(OAc)2 oxidation and Rh(iii)-catalyzed N-annulation sequence. Chemical Communications, 2012, 48, 11334.	2.2	48
23	Post-grafting of silica surfaces with pre-functionalized organosilanes: new synthetic equivalents of conventional trialkoxysilanes. Chemical Communications, 2011, 47, 4860.	2.2	81
24	Facile Oneâ€Step Catalytic Grafting of Nâ€Hydroxysuccinimidylâ€Esterâ€Functionalized Methallylsilane onto Silica for Enzyme Immobilization. Chemistry - an Asian Journal, 2011, 6, 638-645.	1.7	18
25	Double Hydroacylation Reactions of Acyclic and Cyclic Î±,Î²â€Unsaturated Aldehydes. Chemistry - an Asian Journal, 2011, 6, 1926-1930.	1.7	9
26	One-pot catalytic Câ€“C double bond cleavage of Î±,Î²-enones aided by alkyl group-immobilized silica spheres. Tetrahedron Letters, 2010, 51, 160-163.	0.7	18
27	Directional Electron Transfer in Chromophore-Labeled Quantum-Sized Au₂₅ Clusters: Au₂₅ as an Electron Donor. Journal of Physical Chemistry Letters, 2010, 1, 1497-1503.	2.1	116
28	Transition-Metal-Catalyzed Immobilization of Organic Functional Groups onto Solid Supports through Vinylsilane Coupling Reactions. Journal of the American Chemical Society, 2010, 132, 7268-7269.	6.6	39
29	Transition Metalâ€Catalyzed Regioselective Functionalization of Aromatic Compounds. ChemCatChem, 2009, 1, 69-71.	1.8	18
30	Sc(OTf)₃â€Mediated Silylation of Hydroxy Functional Groups on a Solid Surface: A Catalytic Grafting Method Operating at Room Temperature. Angewandte Chemie - International Edition, 2008, 47, 109-112.	7.2	57
31	Metalâ€'Organic Cooperative Catalysis in Câ€'H and Câ€'C Bond Activation and Its Concurrent Recovery. Accounts of Chemical Research, 2008, 41, 222-234.	7.6	890
32	Dual Functionalities of Hydrogen-Bonding Self-Assembled Catalysts in Chelation-Assisted Hydroacylation. Journal of Organic Chemistry, 2008, 73, 5598-5601.	1.7	26
33	Highly Efficient O-Silylation of Alcohol with Vinylsilane Using a Rh(I)/HCl Catalyst at Room Temperature. Organic Letters, 2007, 9, 4073-4076.	2.4	26
34	Directed Câ€¯â€“â€¯C Bond Activation by Transition Metal Complexes. Topics in Organometallic Chemistry, 2007, , 117-143.	0.7	87
35	Intermolecular Hydroacylation by Transitionâ€Metal Complexes. European Journal of Organic Chemistry, 2007, 2007, 1869-1881.	1.2	201
36	Rh(I)-Catalyzed O-Silylation of Alcohol with Vinylsilane. Synlett, 2006, 2006, 0771-0775.	1.0	0

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37	Fabrication of Patterned Liquid-Crystalline Nanocomposites and their Novel Characteristics. Molecular Crystals and Liquid Crystals, 2005, 432, 59-68.	0.4	1