

Jung-Woo Park

List of Publications by Year in descending order

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37
papers

2,336
citations

331670

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345221

36
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57
all docs

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docs citations

57
times ranked

2369
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal-Organic Cooperative Catalysis in C-H and C-C Bond Activation and Its Concurrent Recovery. <i>Accounts of Chemical Research</i> , 2008, 41, 222-234.	15.6	890
2	Intermolecular Hydroacylation by Transition-Metal Complexes. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 1869-1881.	2.4	201
3	Rh-catalyzed C-C bond cleavage by transfer hydroformylation. <i>Science</i> , 2015, 347, 56-60.	12.6	201
4	Directional Electron Transfer in Chromophore-Labeled Quantum-Sized Au ₂₅ Clusters: Au ₂₅ as an Electron Donor. <i>Journal of Physical Chemistry Letters</i> , 2010, 1, 1497-1503.	4.6	116
5	Directed C-C Bond Activation by Transition Metal Complexes. <i>Topics in Organometallic Chemistry</i> , 2007, , 117-143.	0.7	87
6	Post-grafting of silica surfaces with pre-functionalized organosilanes: new synthetic equivalents of conventional trialkoxysilanes. <i>Chemical Communications</i> , 2011, 47, 4860.	4.1	81
7	Sc(OTf) ₃ -Mediated Silylation of Hydroxy Functional Groups on a Solid Surface: A Catalytic Grafting Method Operating at Room Temperature. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 109-112.	13.8	57
8	Rh-catalyzed desymmetrization of $\hat{1}$ -quaternary centers by isomerization-hydroacylation. <i>Chemical Science</i> , 2015, 6, 4479-4483.	7.4	57
9	Synthesis of Isoquinoline Derivatives through Rhodium(III)-Catalyzed Reactions of Benzylamines with Non-Terminal Alkynes. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 2667-2679.	4.3	52
10	Pyridine synthesis by reactions of allyl amines and alkynes proceeding through a Cu(OAc) ₂ oxidation and Rh(iii)-catalyzed N-annulation sequence. <i>Chemical Communications</i> , 2012, 48, 11334.	4.1	48
11	Microwave-Assisted, Rhodium(III)-Catalyzed N-Annulation Reactions of Aryl and $\hat{1},\hat{2}$ -Unsaturated Ketones with Alkynes. <i>Chemistry - A European Journal</i> , 2014, 20, 323-333.	3.3	45
12	Rhodium-Catalyzed Enantioselective Cycloisomerization to Cyclohexenes Bearing Quaternary Carbon Centers. <i>Journal of the American Chemical Society</i> , 2016, 138, 3310-3313.	13.7	45
13	A method for the synthesis of pyridines from aldehydes, alkynes and NH ₄ OAc involving Rh-catalyzed hydroacylation and N-annulation. <i>Chemical Communications</i> , 2012, 48, 11787.	4.1	42
14	Transition-Metal-Catalyzed Immobilization of Organic Functional Groups onto Solid Supports through Vinylsilane Coupling Reactions. <i>Journal of the American Chemical Society</i> , 2010, 132, 7268-7269.	13.7	39
15	Electrolytic C-H Oxygenation via Oxidatively Induced Reductive Elimination in Rh Catalysis. <i>ACS Catalysis</i> , 2021, 11, 6590-6595.	11.2	35
16	Modular Tuning of Electrophilic Reactivity of Iridium Nitrenoids for the Intermolecular Selective $\hat{1}$ -Amidation of $\hat{2}$ -Keto Esters. <i>Journal of the American Chemical Society</i> , 2020, 142, 11999-12004.	13.7	33
17	Cobalt-catalyzed alkyne hydrosilylation as a new frontier to selectively access silyl-hydrocarbons. <i>Chemical Communications</i> , 2022, 58, 491-504.	4.1	28
18	Highly Efficient O-Silylation of Alcohol with Vinylsilane Using a Rh(I)/HCl Catalyst at Room Temperature. <i>Organic Letters</i> , 2007, 9, 4073-4076.	4.6	26

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19	Dual Functionalities of Hydrogen-Bonding Self-Assembled Catalysts in Chelation-Assisted Hydroacylation. <i>Journal of Organic Chemistry</i> , 2008, 73, 5598-5601.	3.2	26
20	Ni-Catalyzed Intermolecular C(sp ³)–H Amidation Tuned by Bidentate Directing Groups. <i>ACS Catalysis</i> , 2021, 11, 3067-3072.	11.2	25
21	Cobalt-Hydride-Catalyzed Hydrosilylation of 3-Alkynes Accompanying Î€-Bond Migration. <i>ACS Catalysis</i> , 2021, 11, 1548-1553.	11.2	23
22	Regioselective Access to Î±-Vinylsilanes and Î±-Vinylgermanes by Cobalt-Catalyzed Migratory Hydrofunctionalization of 2-Alkynes. <i>ACS Catalysis</i> , 2021, 11, 12777-12784.	11.2	23
23	A one-step co-condensation method for the synthesis of well-defined functionalized mesoporous SBA-15 using trimethylsilylanes as organosilane sources. <i>Chemical Communications</i> , 2015, 51, 17084-17087.	4.1	20
24	Transition Metal–Catalyzed Regioselective Functionalization of Aromatic Compounds. <i>ChemCatChem</i> , 2009, 1, 69-71.	3.7	18
25	One-pot catalytic C=C double bond cleavage of Î±,Î²-enones aided by alkyl group-immobilized silica spheres. <i>Tetrahedron Letters</i> , 2010, 51, 160-163.	1.4	18
26	Facile One-Step Catalytic Grafting of N-Hydroxysuccinimide Ester-Functionalized Methallylsilane onto Silica for Enzyme Immobilization. <i>Chemistry - an Asian Journal</i> , 2011, 6, 638-645.	3.3	18
27	Catalytic Alkyne Arylation Using Traceless Directing Groups. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 13598-13602.	13.8	16
28	Metal–Organic Cooperative Catalysis in C–C Bond Activation. <i>Topics in Current Chemistry</i> , 2013, 346, 59-83.	4.0	15
29	A method for introducing organic functional groups on silica surfaces using a functionalized vinylsilane containing polymer. <i>Polymer Chemistry</i> , 2015, 6, 555-560.	3.9	15
30	Double Hydroacylation Reactions of Acyclic and Cyclic Î±,Î²-Unsaturated Aldehydes. <i>Chemistry - an Asian Journal</i> , 2011, 6, 1926-1930.	3.3	9
31	A method for highly efficient catalytic immobilisation of glucose oxidase on the surface of silica. <i>Chemical Communications</i> , 2013, 49, 11170.	4.1	8
32	Ir(I)/HCl Catalyzed Head-to-Tail Homocoupling Reactions of Vinylsilanes. <i>Organic Letters</i> , 2012, 14, 1468-1471.	4.6	5
33	A one-step method for covalent bond immobilization of biomolecules on silica operated in aqueous solution. <i>Chemical Science</i> , 2018, 9, 7981-7985.	7.4	4
34	Catalytic Alkyne Arylation Using Traceless Directing Groups. <i>Angewandte Chemie</i> , 2018, 130, 13786-13790.	2.0	2
35	Fabrication of Patterned Liquid-Crystalline Nanocomposites and their Novel Characteristics. <i>Molecular Crystals and Liquid Crystals</i> , 2005, 432, 59-68.	0.9	1
36	Rh(I)-Catalyzed O-Silylation of Alcohol with Vinylsilane. <i>Synlett</i> , 2006, 2006, 0771-0775.	1.8	0

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37	Head-to-Head Homocoupling of Ynamides <i>via</i> a Dual Activation Mode of Triple Bonds by Half-Sandwich Metal Complexes. <i>Organometallics</i> , 2022, 41, 900-905.	2.3	0