

Sharon R Neufeldt

List of Publications by Year in descending order

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26
papers

2,965
citations

471509

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26
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docs citations

26
times ranked

3197
citing authors

#	ARTICLE	IF	CITATIONS
1	Controlling Site Selectivity in Palladium-Catalyzed C-H Bond Functionalization. <i>Accounts of Chemical Research</i> , 2012, 45, 936-946.	15.6	1,257
2	Room-Temperature C-H Arylation: Merger of Pd-Catalyzed C-H Functionalization and Visible-Light Photocatalysis. <i>Journal of the American Chemical Society</i> , 2011, 133, 18566-18569.	13.7	597
3	Combining Transition Metal Catalysis with Radical Chemistry: Dramatic Acceleration of Palladium-Catalyzed C-H Arylation with Diaryliodonium Salts. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 3517-3522.	4.3	187
4	<i>N</i> -Acetyl Oximes as Transformable Directing Groups for Pd-Catalyzed C-H Bond Functionalization. <i>Organic Letters</i> , 2010, 12, 532-535.	4.6	180
5	Mild Palladium-Catalyzed C-H Alkylation Using Potassium Alkyltrifluoroborates in Combination with MnF ₃ . <i>Organic Letters</i> , 2013, 15, 2302-2305.	4.6	157
6	Palladium(0)-Catalyzed Synthesis of Chiral Ene-allenes Using Alkenyl Trifluoroborates. <i>Journal of Organic Chemistry</i> , 2006, 71, 1563-1568.	3.2	90
7	Pyridine N-Oxide vs Pyridine Substrates for Rh(III)-Catalyzed Oxidative C-H Bond Functionalization. <i>Journal of the American Chemical Society</i> , 2015, 137, 9843-9854.	13.7	89
8	Asymmetric Chiral Ligand-Directed Alkene Dioxygenation. <i>Organic Letters</i> , 2013, 15, 46-49.	4.6	57
9	Thermochemistry for the Dehydrogenation of Methyl-Substituted Ammonia Borane Compounds. <i>Journal of Physical Chemistry A</i> , 2009, 113, 6121-6132.	2.5	56
10	Chemodivergence between Electrophiles in Cross-Coupling Reactions. <i>Chemistry - A European Journal</i> , 2021, 27, 6161-6177.	3.3	44
11	Small Phosphine Ligands Enable Selective Oxidative Addition of Ar-O over Ar-Cl Bonds at Nickel(0). <i>Journal of the American Chemical Society</i> , 2020, 142, 15454-15463.	13.7	34
12	Gold Catalyzed Decarboxylative Cross-Coupling of Iodoarenes. <i>Journal of the American Chemical Society</i> , 2020, 142, 13210-13218.	13.7	30
13	N-Heterocyclic Carbene Ligand-Controlled Chemodivergent Suzuki-Miyaura Cross Coupling. <i>Journal of Organic Chemistry</i> , 2019, 84, 11799-11812.	3.2	26
14	Solvent Effects on the Selectivity of Palladium-Catalyzed Suzuki-Miyaura Couplings. <i>Israel Journal of Chemistry</i> , 2020, 60, 406-409.	2.3	23
15	A Twist on Facial Selectivity of Hydride Reductions of Cyclic Ketones: Twist-Boat Conformers in Cyclohexanone, Piperidone, and Tropinone Reactions. <i>Journal of Organic Chemistry</i> , 2014, 79, 11609-11618.	3.2	21
16	Nickel-Catalyzed Stille Cross Coupling of C-O Electrophiles. <i>ACS Catalysis</i> , 2019, 9, 3304-3310.	11.2	20
17	Mechanistic Investigation into the Gold-Catalyzed Decarboxylative Cross-Coupling of Iodoarenes. <i>ACS Catalysis</i> , 2021, 11, 9578-9587.	11.2	18
18	Ligation state of nickel during C O bond activation with monodentate phosphines. <i>Tetrahedron</i> , 2018, 74, 6717-6725.	1.9	17

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19	Palladium-catalyzed C–H arylation using aryltrifluoroborates in conjunction with a Mn(III) oxidant under mild conditions. <i>Tetrahedron</i> , 2013, 69, 5580-5587.	1.9	14
20	Unconventional Site Selectivity in Palladium-Catalyzed Cross-Couplings of Dichloroheteroarenes under Ligand-Controlled and Ligand-Free Systems. <i>Journal of Organic Chemistry</i> , 2022, 87, 7414-7421.	3.2	13
21	Different Oxidative Addition Mechanisms for 12- and 14-Electron Palladium(0) Explain Ligand-Controlled Divergent Site Selectivity. <i>ACS Catalysis</i> , 2022, 12, 8822-8828.	11.2	13
22	Solvent coordination to palladium can invert the selectivity of oxidative addition. <i>Chemical Science</i> , 2022, 13, 1618-1628.	7.4	12
23	Combined Experimental and Computational Mechanistic Investigation of the Palladium-Catalyzed Decarboxylative Cross-Coupling of Sodium Benzoates with Chloroarenes. <i>Journal of Organic Chemistry</i> , 2021, 86, 11419-11433.	3.2	5
24	Experimental and Computational Evaluation of Tantalocene Hydrides for C–H Activation of Arenes. <i>Organometallics</i> , 2021, 40, 2666-2677.	2.3	3
25	C–O-Selective Cross-Coupling of Chlorinated Phenol Derivatives. <i>Synlett</i> , 2021, 32, 1484-1491.	1.8	2
26	Frontispiece: Chemodivergence between Electrophiles in Cross-Coupling Reactions. <i>Chemistry - A European Journal</i> , 2021, 27, .	3.3	0