

Amanda K Cook

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

811
citations

933447

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1058476

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16
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docs citations

16
times ranked

1053
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Catalyst-controlled selectivity in the C-H borylation of methane and ethane. <i>Science</i> , 2016, 351, 1421-1424. | 12.6 | 170 |
| 2 | Remarkably High Reactivity of Pd(OAc) ₂ /Pyridine Catalysts: Nondirected C-H Oxygenation of Arenes. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 9409-9412. | 13.8 | 162 |
| 3 | Mechanism of the Palladium-Catalyzed Arene C-H Acetoxylation: A Comparison of Catalysts and Ligand Effects. <i>Journal of the American Chemical Society</i> , 2015, 137, 3109-3118. | 13.7 | 138 |
| 4 | Asymmetric palladium-catalyzed hydroarylation of styrenes and dienes. <i>Tetrahedron</i> , 2011, 67, 4435-4441. | 1.9 | 84 |
| 5 | Steric Control of Site Selectivity in the Pd-Catalyzed C-H Acetoxylation of Simple Arenes. <i>Organic Letters</i> , 2013, 15, 5428-5431. | 4.6 | 75 |
| 6 | Palladium Catalysts Containing Pyridinium-Substituted Pyridine Ligands for the C-H Oxygenation of Benzene with K ₂ S ₂ O ₈ . <i>ACS Catalysis</i> , 2013, 3, 700-703. | 11.2 | 59 |
| 7 | Three-Electrode Study of Electrochemical Ionomer Degradation Relevant to Anion-Exchange-Membrane Water Electrolyzers. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 18261-18274. | 8.0 | 28 |
| 8 | Alkyne Hydroamination Catalyzed by Silica-Supported Isolated Zn(II) Sites. <i>Organometallics</i> , 2018, 37, 1342-1345. | 2.3 | 18 |
| 9 | Understanding the Lewis Acidity of Co(II) Sites on a Silica Surface. <i>Inorganic Chemistry</i> , 2017, 56, 7731-7736. | 4.0 | 13 |
| 10 | The mechanism of oxidative addition of Pd(0) to Si-H bonds: electronic effects, reaction mechanism, and hydrosilylation. <i>Chemical Science</i> , 2021, 12, 13045-13060. | 7.4 | 9 |
| 11 | The Influence of Silane Steric Bulk on the Formation and Dynamic Behavior of Silyl Palladium Hydrides. <i>Organometallics</i> , 0, , . | 2.3 | 7 |
| 12 | Modular Ni(0)/Silane Catalytic System for the Isomerization of Alkenes. <i>Organometallics</i> , 2022, 41, 486-496. | 2.3 | 6 |
| 13 | Remarkably High Reactivity of Pd(OAc) ₂ /Pyridine Catalysts: Nondirected C-H Oxygenation of Arenes (<i>Angew. Chem.</i> 40/2011). <i>Angewandte Chemie</i> , 2011, 123, 9680-9680. | 2.0 | 2 |
| 14 | Back Cover: Remarkably High Reactivity of Pd(OAc) ₂ /Pyridine Catalysts: Nondirected C-H Oxygenation of Arenes (<i>Angew. Chem. Int. Ed.</i> 40/2011). <i>Angewandte Chemie - International Edition</i> , 2011, 50, 9508-9508. | 13.8 | 1 |