

Marion H Emmert

List of Publications by Year in descending order

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28
papers

1,032
citations

567144

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times ranked

1330
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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | 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. | 7.2 | 162 |
| 2 | Pyridine Ligands as Promoters in Pd ^{II} -Catalyzed C-H Olefination Reactions. <i>Organic Letters</i> , 2012, 14, 1760-1763. | 2.4 | 159 |
| 3 | Platinum and Palladium Complexes Containing Cationic Ligands as Catalysts for Arene H/D Exchange and Oxidation. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 5884-5886. | 7.2 | 104 |
| 4 | Steric Control of Site Selectivity in the Pd-Catalyzed C-H Acetoxylation of Simple Arenes. <i>Organic Letters</i> , 2013, 15, 5428-5431. | 2.4 | 75 |
| 5 | Rare earth recovery from end-of-life motors employing green chemistry design principles. <i>Green Chemistry</i> , 2016, 18, 753-759. | 4.6 | 73 |
| 6 | Selective Process Steps for the Recovery of Scandium from Jamaican Bauxite Residue (Red Mud). <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 1478-1488. | 3.2 | 71 |
| 7 | Iron-Catalyzed C-H Oxidation of Tertiary, Aliphatic Amines to Amides under Mild Conditions. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 14907-14910. | 7.2 | 67 |
| 8 | Cellulase-Inspired Solid Acids for Cellulose Hydrolysis: Structural Explanations for High Catalytic Activity. <i>ACS Catalysis</i> , 2018, 8, 1464-1468. | 5.5 | 40 |
| 9 | Influence of alternative fuels on trace element content of ordinary portland cement. <i>Fuel</i> , 2016, 184, 481-489. | 3.4 | 36 |
| 10 | Value Analysis of Neodymium Content in Shredder Feed: Toward Enabling the Feasibility of Rare Earth Magnet Recycling. <i>Environmental Science & Technology</i> , 2014, 48, 6553-6560. | 4.6 | 35 |
| 11 | Photoredox-Catalyzed C-H Cyanation of Unactivated Secondary and Tertiary Aliphatic Amines: Late-Stage Functionalization and Mechanistic Studies. <i>Journal of Organic Chemistry</i> , 2018, 83, 11089-11100. | 1.7 | 35 |
| 12 | Iron-Catalyzed C-H Oxidation of Tertiary, Aliphatic Amines to Amides under Mild Conditions. <i>Angewandte Chemie</i> , 2015, 127, 15120-15123. | 1.6 | 21 |
| 13 | Cost Analysis as a Tool for the Development of Sc Recovery Processes from Bauxite Residue (Red Mud). <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 5333-5341. | 3.2 | 20 |
| 14 | Facile Cyclometalation Reactions of Cp-Zirconium Complexes with Weakly Lewis Acidic Pendant Boron Functionalities. <i>Chemistry - A European Journal</i> , 2009, 15, 8124-8127. | 1.7 | 16 |
| 15 | Catalysts for convenient aerobic alcohol oxidations in air: systematic ligand studies in Pd/pyridine systems. <i>Tetrahedron</i> , 2013, 69, 5758-5764. | 1.0 | 15 |
| 16 | Closing the Lifecycle of Rare Earth Magnets: Discovery of Neodymium in Slag from Steel Mills. <i>Energy Technology</i> , 2015, 3, 118-120. | 1.8 | 15 |
| 17 | Two Scalable Syntheses of 3-(Trifluoromethyl)cyclobutane-1-carboxylic Acid. <i>Organic Process Research and Development</i> , 2021, 25, 82-88. | 1.3 | 14 |
| 18 | C-H Oxidations of Amines to Amides: Expanding Mechanistic Understanding and Amine Scope through Catalyst Development. <i>Synlett</i> , 2016, 27, 1893-1897. | 1.0 | 13 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Nondirected, Cu-Catalyzed sp^3 C-H Aminations with Hydroxylamine-Based Amination Reagents: Catalytic and Mechanistic Studies. <i>Organometallics</i> , 2017, 36, 1259-1268. | 1.1 | 13 |
| 20 | Rare Earth Recycling: Forecast of Recoverable Nd from Shredder Scrap and Influence of Recycling Rates on Price Volatility. <i>Journal of Sustainable Metallurgy</i> , 2015, 1, 179-188. | 1.1 | 11 |
| 21 | Asymmetric Synthesis of Tertiary and Secondary Cyclopropyl Boronates via Cyclopropanation of Enantioenriched Alkenyl Boronic Esters. <i>Organic Letters</i> , 2022, 24, 3455-3460. | 2.4 | 9 |
| 22 | Process for Scandium Recovery from Jamaican Bauxite Residue: A Probabilistic Economic Assessment. <i>Materials Today: Proceedings</i> , 2019, 9, 578-586. | 0.9 | 8 |
| 23 | Oxidation catalysis in air with Cp^*Ir : influence of added ligands and reaction conditions on catalytic activity and stability. <i>Catalysis Science and Technology</i> , 2015, 5, 1198-1205. | 2.1 | 5 |
| 24 | Lewis acid mediated, mild C-H aminoalkylation of azoles <i>via</i> three component coupling. <i>Chemical Science</i> , 2021, 12, 3890-3897. | 3.7 | 4 |
| 25 | Mechanistic Insights into Fe Catalyzed C^{H} Oxidations of Tertiary Amines. <i>ChemCatChem</i> , 2021, 13, 235-246. | 1.8 | 3 |
| 26 | Iron-Catalyzed C^{H} Cyanation of Simple and Complex Tertiary Amines. <i>Journal of Organic Chemistry</i> , 2021, 86, 2489-2498. | 1.7 | 3 |
| 27 | Back Cover: Remarkably High Reactivity of $\text{Pd}(\text{OAc})_2/\text{Pyridine}$ 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. | 7.2 | 1 |
| 28 | A regio-centric economic sensitivity analysis for scandium recovery from red mud. <i>Materials Today: Proceedings</i> , 2021, 41, 577-582. | 0.9 | 1 |