# Legrande M Slaughter

List of Publications by Year
in descending order



| 40 | 1,823 | 257101 24 | 301761 39 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 56 | 56 | 56 | 1681 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Highly Sterically Encumbered Gold Acyclic Diaminocarbene Complexes: Overriding Electronic Control in Regiodivergent Gold Catalysis. Organometallics, 2021, 40, 1416-1433. | 1.1 | 10 |
| 2 | Determination of the interconversion energy barrier of three novel pentahelicene derivative enantiomers by dynamic high resolution liquid chromatography. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2017, 1051, 60-67. | 1.2 | 3 |
| 3 | Competing amination and Câ€“H arylation pathways in Pd/xantphos-catalyzed transformations of binaphthyl triflates: switchable routes to chiral amines and helicene derivatives. Organic and Biomolecular Chemistry, 2016, 14, 8123-8140. | 1.5 | 21 |
| 4 | Tetracyclic dihydronaphthalene derivatives via gold-catalyzed aminative homodimerization of ortho-alkynylbenzaldehydes. Chemical Communications, 2016, 52, 14133-14136. | 2.2 | 14 |
| 5 | Ligand- and BrÃ¸nsted acid/base-switchable reaction pathways in gold(<scp>i</scp>)-catalyzed cycloisomerizations of allenoic acids. Organic and Biomolecular Chemistry, 2015, 13, 3936-3949. | 1.5 | 13 |
| 6 | â€œDecarbonizationâ€• of an imino-N-heterocyclic carbene ligand via triple benzyl migration from hafnium. Chemical Communications, 2015, 51, 6753-6756. | 2.2 | 26 |
| 7 | Enantiomeric separation of isochromene derivatives by high-performance liquid chromatography using cyclodextrin based stationary phases and principal component analysis of the separation data. Journal of Chromatography A, 2013, 1305, 94-101. | 1.8 | 12 |
| 8 | Access to 2â€²-Substituted Binaphthyl Monoalcohols via Complementary Nickel-Catalyzed Kumada Coupling Reactions under Mild Conditions: Key Role of a P,O Ligand. Journal of Organic Chemistry, 2013, 78, 5694-5699. | 1.7 | 16 |
| 9 | Chugaevâ€type bis(acyclic diaminocarbenes) as a new ligand class for the palladiumâ€catalyzed Mizorokiâ€“Heck reaction. Applied Organometallic Chemistry, 2012, 26, 712-717. | 1.7 | 17 |
| 10 | Interplay of Metallophilic Interactions, Ïâ€“Ï€ Stacking, and Ligand Substituent Effects in the Structures and Luminescence Properties of Neutral Pt<sup>II</sup> and Pd<sup>II</sup> Aryl Isocyanide Complexes. Inorganic Chemistry, 2012, 51, 10728-10746. | 1.9 | 63 |
| 11 | Î²-Lactam synthon-interceded diastereoselective synthesis of functionalized octahydroindole-based molecular scaffolds and their inÂvitro cytotoxic evaluation. European Journal of Medicinal Chemistry, 2012, 58, 513-518. | 2.6 | 15 |
| 12 | Acyclic Aminocarbenes in Catalysis. ACS Catalysis, 2012, 2, 1802-1816. | 5.5 | 159 |
| 13 | Enantioselective Alkynylbenzaldehyde Cyclizations Catalyzed by Chiral Gold(I) Acyclic Diaminocarbene Complexes Containing Weak Auâ€“Arene Interactions. Angewandte Chemie - International Edition, 2012, 51, 2912-2915. | 7.2 | 226 |
| 14 | Back Cover: Enantioselective Alkynylbenzaldehyde Cyclizations Catalyzed by Chiral Gold(I) Acyclic Diaminocarbene Complexes Containing Weak Au-Arene Interactions (Angew. Chem. Int. Ed. 12/2012). Angewandte Chemie - International Edition, 2012, 51, 3028-3028. | 7.2 | 0 |
| 15 | Simple Silver Salts and Palladium Bis(N-heterocyclic carbene) Complexes As Complementary Catalysts for the Nazarov Cyclization. ACS Catalysis, 2011, 1, 1371-1374. | 5.5 | 23 |
| 16 | Î²â€Lactamâ€Synthonâ€Interceded, Facile, Oneâ€Pot, Diastereoselective Synthesis of Functionalized Tetra/Octahydroisoquinolone Derivatives. European Journal of Organic Chemistry, 2011, 2011, 2697-2704. | 1.2 | 28 |
| 17 | Divergent reactivity in tandem reductionâ€“Michael ring closures of fiveâ€and sixâ€membered cyclic enones. Journal of Heterocyclic Chemistry, 2009, 46, 854-860. | 1.4 | 12 |
| 18 | Palladium complexes of bis(acyclic diaminocarbene) ligands with chiral N-substituents and 8-membered chelate rings. Journal of Organometallic Chemistry, 2009, 694, 3297-3305. | 0.8 | 24 |

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|---|---|---|---|
| 19 | Channeled Polymorphs of cis-M(CNPh)<sub>2</sub>Cl<sub>2</sub> (M = Pt, Pd) With Extended Metallophilic Interactions. Crystal Growth and Design, 2009, 9, 1267-1270. | 1.4 | 25 |
| 20 | Direct observation of a carbonylation reaction relevant to CO/alkene copolymerization in a methylpalladium carbonyl complex containing a bis(N-heterocyclic carbene) ligand. Dalton Transactions, 2009, , 6930. | 1.6 | 37 |
| 21 | Benzoâ€fused heterocycles and carbocycles by intramolecular S<sub>N</sub>Ar and tandem S<sub>N</sub>2â€S<sub>N</sub>Ar reactions. Journal of Heterocyclic Chemistry, 2008, 45, 551-557. | 1.4 | 24 |
| 22 | â€œCOVALENT SELF-ASSEMBLYâ€•OF ACYCLIC DIAMINOCARBENE LIGANDS AT METAL CENTERS. Comments on Inorganic Chemistry, 2008, 29, 46-72. | 3.0 | 57 |
| 23 | Chiral Palladium Bis(acyclic diaminocarbene) Complexes as Enantioselective Catalysts for the Aza-Claisen Rearrangement. Organometallics, 2008, 27, 21-24. | 1.1 | 64 |
| 24 | Reversible Chelate Ring Opening of a Sterically Crowded Palladium Bis(acyclic diaminocarbene) Complex. Organometallics, 2008, 27, 1055-1062. | 1.1 | 42 |
| 25 | cis-cis-trans-Bis(acetonitrile-ÎºN)dichloridobis(triphenylphosphine-ÎºP)ruthenium(II) acetonitrile disolvate. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, m184-m184. | 0.2 | 3 |
| 26 | One-step assembly of a chiral palladium bis(acyclic diaminocarbene) complex and its unexpected oxidation to a bis(amidine) complex. Chemical Communications, 2007, , 3294. | 2.2 | 66 |
| 27 | (Â±)-2,3-dialkyl-1,2,3,4-tetrahydroquinoline-3-carboxylic esters by a tandem reduction-reductive amination reaction. Journal of Heterocyclic Chemistry, 2007, 44, 1051-1057. | 1.4 | 7 |
| 28 | trans-Diaquadichloridobis(N,N-dimethylformamide-ÎºO)manganese(II). Acta Crystallographica Section E: Structure Reports Online, 2007, 63, m3095-m3095. | 0.2 | 0 |
| 29 | Modular Chelated Palladium Diaminocarbene Complexes:â€‰ Synthesis, Characterization, and Optimization of Catalytic Suzukiâ^'Miyaura Cross-Coupling Activity by Ligand Modification. Organometallics, 2006, 25, 491-505. | 1.1 | 89 |
| 30 | Catalyst and pressure dependent reductive cyclizations for the diastereoâ€selective synthesis of hexahydropyrrolo[1,2â€a]quinolineâ€5â€carboxylic esters. Journal of Heterocyclic Chemistry, 2006, 43, 1505-1511. | 1.4 | 7 |
| 31 | Sterically controlled formation of monodentate versus chelating carbene ligands from phenylhydrazine. Journal of Organometallic Chemistry, 2005, 690, 6247-6251. | 0.8 | 33 |
| 32 | A palladium Chugaev carbene complex as a modular, air-stable catalyst for Suzukiâ€“Miyaura cross-coupling reactions. Tetrahedron Letters, 2005, 46, 1399-1403. | 0.7 | 71 |
| 33 | A Palladium Chugaev Carbene Complex as a Modular, Air-Stable Catalyst for Suzukiâ€”Miyaura Cross-Coupling Reactions.. ChemInform, 2005, 36, no. | 0.1 | 0 |
| 34 | Radical Autoxidation and Autogenous O2 Evolution in Manganeseâ^'Porphyrin Catalyzed Alkane Oxidations with Chlorite. Inorganic Chemistry, 2004, 43, 5198-5204. | 1.9 | 122 |
| 35 | An Unusually Static, Sterically Hindered Silver Bis(N-heterocyclic carbene) Complex and Its Use in Transmetalation. Organometallics, 2004, 23, 5881-5884. | 1.1 | 84 |
| 36 | Symmetry and Geometry Considerations of Atom Transfer:Â Deoxygenation of (silox)3WNO and R3PO (R) Tj ETQq0 0 0 rgBT /Overlock<br>2003, 42, 6204-6224. | 1.9 | 96 |

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|---|---|---|---|
| 37 | Mechanism of Dihydrogen Cleavage by High-Valent Metal Oxo Compounds:Â Experimental and Computational Studies. Inorganic Chemistry, 2001, 40, 6272-6280. | 1.9 | 37 |
| 38 | Deoxygenations of (silox)3WNO and R3PO by (silox)3M (M = V, Ta) and (silox)3NbL (silox =tBu3SiO):Â Consequences of Electronic Effects. Journal of the American Chemical Society, 2001, 123, 6419-6420. | 6.6 | 51 |
| 39 | Inter- and Intramolecular Experimental and Calculated Equilibrium Isotope Effects for (silox)2(tBu3SiND)TiR + RH (silox =tBu3SiO):Â Inferred Kinetic Isotope Effects for RH/D Addition to Transient (silox)2TiNSitBu3. Journal of the American Chemical Society, 2000, 122, 7953-7975. | 6.6 | 98 |
| 40 | Ti€‹(Î¼:Î·1,Î·1-OCMe2CH2PPh2)3Rî€‘h has a cylindrically symmetric triple bond. Chemical Communications, 1997, , 2109-2110. | 2.2 | 46 |