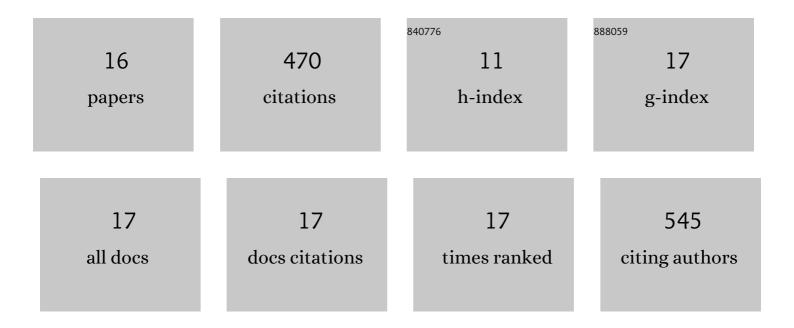
Vagulejan Balasanthiran

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/9072495/publications.pdf Version: 2024-02-01



| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Catalytic Enantioselective Hetero-dimerization of Acrylates and 1,3-Dienes. Journal of the American Chemical Society, 2017, 139, 18034-18043. | 13.7 | 96 |
| 2 | Control of Selectivity through Synergy between Catalysts, Silanes, and Reaction Conditions in Cobalt-Catalyzed Hydrosilylation of Dienes and Terminal Alkenes. ACS Catalysis, 2017, 7, 2275-2283. | 11.2 | 90 |
| 3 | Pd-MCM-48: a novel recyclable heterogeneous catalyst for chemo- and regioselective hydrogenation of olefins and coupling reactions. Organic and Biomolecular Chemistry, 2010, 8, 4316. | 2.8 | 57 |
| 4 | Ethyl 2-hydroxy-2-methylpropanoate derivatives of magnesium and zinc. The effect of chelation on the homo- and copolymerization of lactide and Îμ-caprolactone. Dalton Transactions, 2014, 43, 2781-2788. | 3.3 | 31 |
| 5 | Single-site bismuth alkoxide catalysts for the ring-opening polymerization of lactide. Dalton Transactions, 2013, 42, 11234. | 3.3 | 28 |
| 6 | Synthesis of substituted acetylenes, aryl–alkyl ethers, 2-alkene-4-ynoates and nitriles using heterogeneous mesoporous Pd-MCM-48 as reusable catalyst. Tetrahedron, 2011, 67, 5717-5724. | 1.9 | 25 |
| 7 | Coupling of Propylene Oxide and Lactide at a Porphyrin Chromium(III) Center. Journal of the American Chemical Society, 2015, 137, 1786-1789. | 13.7 | 24 |
| 8 | Highly efficient metal(<scp>iii</scp>) porphyrin and salen complexes for the polymerization of <i>rac</i> -lactide under ambient conditions. Dalton Transactions, 2019, 48, 3223-3230. | 3.3 | 21 |
| 9 | BDIâ^—MgX(L) where X = Bu and O Bu and L = THF, py and DMAP. The rates of kinetic exchange of L where BDIâ^—= CH{C(Bu)N-2,6- Pr2C6H3}2. Polyhedron, 2016, 103, 235-240. | 2.2 | 20 |
| 10 | A new route for the preparation of enriched iso-polylactide from rac-lactide via a Lewis acid catalyzed ring-opening of an epoxide. Dalton Transactions, 2017, 46, 5938-5945. | 3.3 | 19 |
| 11 | Use of over the counter oral relief aids or dietary supplements for the ring-opening polymerization of lactide. Dalton Transactions, 2013, 42, 9274-9278. | 3.3 | 17 |
| 12 | TMPZnN(SiMe3)2, [TMPZn(μ-O Pr)]2 and TMPZn[OCMe2C(O)OEt]. Their role in the ring-opening of rac-lactide and ε-caprolactone where TMPÂ=Â1,5,9-trimesityldipyrromethene. Journal of Organometallic Chemistry, 2016, 812, 56-65. | 1.8 | 10 |
| 13 | On the Molecular Structure and Bonding in a Lithium Bismuth Porphyrin Complex: LiBi(TPP) ₂ . Angewandte Chemie - International Edition, 2014, 53, 1594-1597. | 13.8 | 9 |
| 14 | Exploration of room temperature synthesis of palladium containing cubic MCM-48 mesoporous materials. Microporous and Mesoporous Materials, 2014, 198, 1-8. | 4.4 | 9 |
| 15 | TMPMg Bu(L), where LÂ= THF, 2-MeTHF, pyridine and dimethylaminopyridine and TMPÂ= 1,5,9-trimesityldipyrromethene: Reaction with lactide and ε-caprolactone. Journal of Organometallic Chemistry, 2017, 842, 74-81. | 1.8 | 6 |
| 16 | Bismuth–lithium bonding in the ion pairs: LiBiL ₂ , where L = a porphyrin or a salen ligand. Dalton Transactions, 2015, 44, 8205-8213. | 3.3 | 5 |