Vagulejan Balasanthiran

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9072495/publications.pdf

Version: 2024-02-01

16	470	840776	888059
papers	citations	11 h-index	17 g-index

17	17	17	545
all docs	docs citations	times ranked	citing authors

#	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, arylâ€“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 rac-lactide under ambient conditions. Dalton Transactions, 2019, 48, 3223-3230.	3.3	21
9	BDIâˆ—MgX(L) where X = Bu and O Bu and L = THF, py and DMAP. The rates of kinetic exchange of L where BDIâˆ—= 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(Î¼-O Pr)]2 and TMPZn[OCMe2C(O)OEt]. Their role in the ring-opening of rac-lactide and Îµ-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 Îµ-caprolactone. Journal of Organometallic Chemistry, 2017, 842, 74-81.	1.8	6
16	Bismuthâ€“lithium bonding in the ion pairs: LiBiL₂, where L = a porphyrin or a salen ligand. Dalton Transactions, 2015, 44, 8205-8213.	3.3	5