

Vagulejan Balasanthiran

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Highly efficient metal(III) porphyrin and salen complexes for the polymerization of <i>rac</i> -lactide under ambient conditions. Dalton Transactions, 2019, 48, 3223-3230.	3.3	21
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	A new route for the preparation of enriched iso-poly lactide from <i>rac</i> -lactide via a Lewis acid catalyzed ring-opening of an epoxide. Dalton Transactions, 2017, 46, 5938-5945.	3.3	19
4	TMPMg Bu(L), where L = THF, 2-MeTHF, pyridine and dimethylaminopyridine and TMP = 1,5,9-trimesityldipyromethene: Reaction with lactide and μ -caprolactone. Journal of Organometallic Chemistry, 2017, 842, 74-81.	1.8	6
5	Catalytic Enantioselective Hetero-dimerization of Acrylates and 1,3-Dienes. Journal of the American Chemical Society, 2017, 139, 18034-18043.	13.7	96
6	TMPZn(SiMe ₃) ₂ , [TMPZn($\frac{1}{4}$ -O Pr)] ₂ and TMPZn[OCMe ₂ C(O)OEt]. Their role in the ring-opening of <i>rac</i> -lactide and μ -caprolactone where TMP = 1,5,9-trimesityldipyromethene. Journal of Organometallic Chemistry, 2016, 812, 56-65.	1.8	10
7	BDI-MgX(L) where X = Bu and O Bu and L = THF, py and DMAP. The rates of kinetic exchange of L where BDI = CH{C(Bu)N-2,6-Pr ₂ C ₆ H ₃ } ₂ . Polyhedron, 2016, 103, 235-240.	2.2	20
8	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
9	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
10	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
11	Exploration of room temperature synthesis of palladium containing cubic MCM-48 mesoporous materials. Microporous and Mesoporous Materials, 2014, 198, 1-8.	4.4	9
12	Ethyl 2-hydroxy-2-methylpropanoate derivatives of magnesium and zinc. The effect of chelation on the homo- and copolymerization of lactide and μ -caprolactone. Dalton Transactions, 2014, 43, 2781-2788.	3.3	31
13	Single-site bismuth alkoxide catalysts for the ring-opening polymerization of lactide. Dalton Transactions, 2013, 42, 11234.	3.3	28
14	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
15	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
16	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