

Subramaniapillai Selva Ganesan

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Catalyst-Free Synthesis of Thioethers through C–N Bond Cleavage of Aminonaphthol/Aminophenol Derivatives. <i>ChemistrySelect</i> , 2022, 7, .	0.7	1
2	Structural and energetics of weak non-covalent interactions in two chemically distinct classes of O/N-heterocycles: X-ray and theoretical exploration. <i>Journal of Molecular Structure</i> , 2021, 1227, 129694.	1.8	3
3	NHC Organocatalysis in D ₂ O for the Highly Diastereoselective Synthesis of Deuterated Spiropyran Analogues. <i>ChemistrySelect</i> , 2021, 6, 2036-2040.	0.7	5
4	Palladium catalysed hydrolysis-free arylation of aliphatic nitriles for the synthesis of 4-arylquinolin-2-one/pyrazolone derivatives. <i>Tetrahedron Letters</i> , 2021, 79, 153296.	0.7	1
5	Cu/Ag mediated peroxide-free synthesis of benzoylated naphthol derivatives. <i>Tetrahedron Letters</i> , 2020, 61, 152487.	0.7	4
6	Substrate controlled, regioselective carbopalladation for the one-pot synthesis of C4-substituted tetrahydroisoquinoline analogues. <i>RSC Advances</i> , 2020, 10, 15794-15799.	1.7	3
7	Tackling drug resistance with efflux pump inhibitors: from bacteria to cancerous cells. <i>Critical Reviews in Microbiology</i> , 2019, 45, 334-353.	2.7	41
8	Ursolic acid inhibits colistin efflux and curtails colistin resistant Enterobacteriaceae. <i>AMB Express</i> , 2019, 9, 27.	1.4	20
9	Lipophilic NHC assisted one-pot synthesis of syncarpamide analogues in aqueous medium. <i>New Journal of Chemistry</i> , 2019, 43, 6257-6261.	1.4	1
10	Restoring colistin sensitivity in colistin-resistant E. coli: Combinatorial use of MarR inhibitor with efflux pump inhibitor. <i>Scientific Reports</i> , 2019, 9, 19845.	1.6	28
11	Exploring the influence of designer surfactant hydrophobicity in key C/C/N bond forming reactions. <i>Molecular Catalysis</i> , 2019, 465, 80-86.	1.0	4
12	Concise Review on the Applications of Magnetically Separable Brønsted Acidic Catalysts. <i>Current Organic Chemistry</i> , 2019, 23, 313-334.	0.9	10
13	TBHP Mediated Substrate Controlled Oxidative Dearomatization of Indoles to C2/C3-Quaternary Indolinones. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 2762-2767.	1.2	19
14	Quantitative analysis of intermolecular interactions in 2,2-((4-bromophenyl)methylene)bis(3-hydroxy-5,5-dimethylcyclohex-2-en-1-one): insights from crystal structure, PIXEL, Hirshfeld surfaces and QTAIM analysis. <i>Journal of Chemical Sciences</i> , 2018, 130, 1.	0.7	11
15	Driving NHC organocatalysis on water through hydrophobic hydration for the synthesis of diverse heterocycles and carbocycles. <i>Catalysis Communications</i> , 2018, 111, 47-51.	1.6	8
16	Stearyl MethoxyPEGglycol Succinate—A Designer Micellar Medium for Diverse Aniline Derivatives Synthesis. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 5740-5745.	3.2	8
17	Investigation of 9-(2-hydroxy-4,4-dimethyl-6-oxocyclohex-1-en-1-yl)-3,3-dimethyl-2,3,4,9-tetrahydro-1H-xanthen-1-one: Crystal structure, AIM and NBO analysis. <i>Journal of Molecular Structure</i> , 2017, 1133, 510-518.	1.8	23
18	Nano-Magnetic Sulfonic Acid Catalyzed Facile Synthesis of Diverse Amide Derivatives. <i>Synthesis</i> , 2017, 49, 685-692.	1.2	11

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19	Novel approach of adaptive laboratory evolution: triggers defense molecules in <i>Streptomyces</i> sp. against targeted pathogen. <i>RSC Advances</i> , 2016, 6, 96250-96262.	1.7	4
20	Dithiazole thione derivative as competitive NorA efflux pump inhibitor to curtail multi drug resistant clinical isolate of MRSA in a zebrafish infection model. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 9265-9281.	1.7	26
21	Zinc oxide surface: a versatile nanoplatfrom for solvent-free synthesis of diverse isatin derivatives. <i>Tetrahedron Letters</i> , 2016, 57, 3472-3475.	0.7	23
22	Identification of benzochromene derivatives as a highly specific NorA efflux pump inhibitor to mitigate the drug resistant strains of <i>S. aureus</i> . <i>RSC Advances</i> , 2016, 6, 30258-30267.	1.7	11
23	Extending the scope of oleic acid catalysis in diversity-oriented synthesis of chromene and pyrimidine based scaffolds. <i>RSC Advances</i> , 2016, 6, 20582-20587.	1.7	33
24	Magnetically separable sulfonic acid catalysed one-pot synthesis of diverse indole derivatives. <i>Tetrahedron Letters</i> , 2015, 56, 5568-5572.	0.7	25
25	Oleic acid: a benign Brønsted acidic catalyst for densely substituted indole derivative synthesis. <i>RSC Advances</i> , 2015, 5, 28597-28600.	1.7	44
26	Copper(II) chloride assisted aryl exchange in arylmethanes: a simple and efficient route to triarylmethane derivatives. <i>Tetrahedron Letters</i> , 2015, 56, 2238-2242.	0.7	22
27	Hyperbranched polyethylenimine-based sensor of multiple metal ions (Cu ²⁺), <i>TJ ETQq1 1 0.784314 rgBT /Overlock 10 Tf</i> <i>RSC Advances</i> , 2015, 5, 88125-88132.	1.7	11
28	Magnesium Sulfate Promoted Efficient and Green Synthesis of Aminoalkyl, Amidoalkyl and Diarylmethane Derivatives. <i>Asian Journal of Chemistry</i> , 2014, 26, 8380-8382.	0.1	4
29	Hyperbranched Polyamines: Tunable Catalysts for the Henry Reaction. <i>Synlett</i> , 2014, 25, 1847-1850.	1.0	9
30	ZnCl ₂ promoted efficient, one-pot synthesis of 3-arylmethyl and diarylmethyl indoles. <i>Tetrahedron Letters</i> , 2014, 55, 694-698.	0.7	36
31	Zinc Chloride Catalyzed Collective Synthesis of Arylmethylene Bis(3-hydroxy-2-cyclohexene-1-ones) and 1,8-Dioxo-octahydroxanthene/acridine Derivatives. <i>Letters in Organic Chemistry</i> , 2014, 11, 682-687.	0.2	8
32	Mannich reaction: A versatile and convenient approach to bioactive skeletons. <i>Journal of Chemical Sciences</i> , 2013, 125, 467-482.	0.7	104
33	1,2-Naphthol in Glycerol: A Versatile Pair for Efficient and Convenient Synthesis of Aminonaphthols, Naphtho-1,3-oxazines, and Benzoxanthenes. <i>Synthesis</i> , 2013, 45, 1564-1568.	1.2	20
34	TiCl ₄ promoted menthyl ester chiral auxiliary mediated synthesis of chiral syn-1,2-amino esters and applications of a representative syn-1,2-amino ester. <i>Tetrahedron: Asymmetry</i> , 2010, 21, 385-392.	1.8	11
35	Addition of titanium ester enolates to aldimines containing a chiral 1±-methylbenzylamine moiety: synthesis of chiral syn-1,2-amino esters. <i>Tetrahedron: Asymmetry</i> , 2006, 17, 1323-1331.	1.8	17
36	Stereoselective synthesis of syn-1,2-amino esters using the TiCl ₄ /R ₃ N reagent system. <i>Tetrahedron Letters</i> , 2005, 46, 5521-5524.	0.7	35