

Mookda Pattarawarapan

List of Publications by Year in descending order

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71
papers

1,120
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430874

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501196

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#	ARTICLE	IF	CITATIONS
1	Phosphonium-Mediated Synthesis of a New Class of Indoloquinazoline Derivatives Bearing a C-12 Aryloxy Ester or Spiro- β -lactone. <i>Synthesis</i> , 2022, 54, 2070-2080.	2.3	2
2	5-Amino-Substituted 2-Methoxy-1,3,4-oxadiazoles as Common Precursors Toward 1,3,4-Oxadiazol-2(3H)-ones and 1,2,4-Triazolidine-3,5-diones. <i>Synthesis</i> , 2022, 54, 4539-4550.	2.3	2
3	Synthesis of N3-Substituted Quinazoline-2,4-diones via C-4 Amination-Cyclization of Isatoic Anhydrides. <i>Heterocycles</i> , 2022, 105, 556.	0.7	1
4	Simultaneous Formation and Functionalization of Aryliminophosphoranes Using 1,3-Dihydro-1 <i>H</i> -benzimidazol-2-ones as Precursors. <i>Journal of Organic Chemistry</i> , 2020, 85, 13330-13338.	3.2	8
5	Divergent Synthesis of Methylisatoid and Tryptanthrin Derivatives by Ph ₃ P ⁺ -Mediated Reaction of Isatins with and without Alcohols. <i>Journal of Organic Chemistry</i> , 2020, 85, 15743-15751.	3.2	17
6	Potassium Periodate Mediated Oxidative Cyclodesulfurization toward Benzofused Nitrogen Heterocycles. <i>Synthesis</i> , 2020, 52, 1981-1990.	2.3	18
7	Ultrasound-Assisted Synthesis of N-Acylcyanamides and N-Acyl-Substituted Imidazolones from Carboxylic Acids by Using Trichloroisocyanuric Acid/Triphenylphosphine. <i>Synlett</i> , 2020, 31, 703-707.	1.8	8
8	Zwitterionic Ring-Opened Oxyphosphonium Species from the Ph ₃ P ⁺ -Mediated Reactions of Benzo[<i>d</i>]oxazol-2(3 <i>H</i>)-ones with Secondary Amines. <i>Journal of Organic Chemistry</i> , 2020, 85, 6151-6158.	3.2	5
9	Development of an Immunoassay for the Detection of Amyloid Beta 1-42 and Its Application in Urine Samples. <i>Journal of Immunology Research</i> , 2020, 2020, 1-9.	2.2	6
10	Metal-Free Synthesis of 2- <i>N,N</i> -Dialkylaminobenzoxazoles Using Tertiary Amines as the Nitrogen Source. <i>Journal of Organic Chemistry</i> , 2019, 84, 6516-6523.	3.2	9
11	Highly diastereoselective synthesis of enantioenriched <i>anti</i> - β -allyl- β -fluoroamines. <i>Chemical Communications</i> , 2019, 55, 6050-6053.	4.1	11
12	A convenient one-pot synthesis of <i>N</i> -substituted amidoximes and their application toward 1,2,4-oxadiazol-5-ones. <i>RSC Advances</i> , 2018, 8, 38281-38288.	3.6	6
13	Mechanochemical synthesis of primary amides from carboxylic acids using TCT/NH ₄ SCN. <i>Tetrahedron Letters</i> , 2018, 59, 3571-3573.	1.4	8
14	Ph ₃ P/I ₂ -Mediated Synthesis of 3-Aryl-Substituted and 3,4-Disubstituted Coumarins. <i>Synlett</i> , 2017, 28, 825-830.	1.8	12
15	Mechanochemical Synthesis of Substituted 4 <i>H</i> -3,1-Benzoxazin-4-ones, 2-Aminobenzoxazin-4-ones, and 2-Amino-4 <i>H</i> -3,1-benzothiazin-4-ones Mediated by 2,4,6-Trichloro-1,3,5-triazine and Triphenylphosphine. <i>Synlett</i> , 2017, 28, 589-592.	1.8	5
16	Application of <i>N</i> -Acylbenzotriazoles in the Synthesis of 5-Substituted 2-Ethoxy-1,3,4-oxadiazoles as Building Blocks toward 3,5-Disubstituted 1,3,4-Oxadiazol-2(3 <i>H</i>)-ones. <i>Journal of Organic Chemistry</i> , 2017, 82, 9923-9929.	3.2	25
17	Ph ₃ P/I ₂ -Mediated Synthesis of <i>N,N</i> - α^2 , <i>N</i> - α^3 -Substituted Guanidines and 2-Iminoimidazolin-4-ones from Aryl Isothiocyanates. <i>Journal of Organic Chemistry</i> , 2017, 82, 10331-10340.	3.2	19
18	Approach to the Synthesis of 2,3-Disubstituted-3 <i>H</i> -quinazolin-4-ones Mediated by Ph ₃ P ⁺ . <i>Journal of Organic Chemistry</i> , 2017, 82, 8058-8066.	3.2	31

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19	One-Pot Synthesis of C 2 Symmetric and Asymmetric N,Nâ€²,Nâ€²â€²-Substituted Guanidines from Aryl Isothiocyanates and Amines. <i>Synlett</i> , 2016, 27, 1121-1127.	1.8	7
20	Ultrasound-Assisted Solvent-Free Parallel Synthesis of 3-Arylcoumarins Using N-Acylbenzotriazoles. <i>ACS Combinatorial Science</i> , 2016, 18, 279-282.	3.8	14
21	Ph3P/I2 mediated aryl esterification with a mechanistic insight. <i>Tetrahedron Letters</i> , 2016, 57, 2087-2089.	1.4	15
22	Ph3P/I2-mediated synthesis of N,Nâ€²-disubstituted and N,N,Nâ€²-trisubstituted amidines. <i>Tetrahedron Letters</i> , 2016, 57, 5351-5354.	1.4	13
23	Ultrasound-assisted synthesis of substituted 2-aminobenzimidazoles, 2-aminobenzoxazoles, and related heterocycles. <i>Tetrahedron Letters</i> , 2016, 57, 5290-5293.	1.4	27
24	A convenient synthesis of 4-arylidene-2-phenyl-5(4H)-oxazolones under solvent-assisted grinding. <i>Tetrahedron Letters</i> , 2016, 57, 3171-3174.	1.4	14
25	Metal-free amidation of carboxylic acids with tertiary amines. <i>RSC Advances</i> , 2016, 6, 60287-60290.	3.6	18
26	Ultrasonic-assisted synthesis of carbodiimides from N,Nâ€²-disubstituted thioureas and ureas. <i>Monatshefte FÃ¼r Chemie</i> , 2016, 147, 1945-1949.	1.8	9
27	Acid anhydrides and the unexpected N,N-diethylamides derived from the reaction of carboxylic acids with Ph3P/I2/Et3N. <i>Tetrahedron Letters</i> , 2016, 57, 325-328.	1.4	16
28	Ultrasound-assisted synthesis of substituted guanidines from thioureas. <i>Tetrahedron Letters</i> , 2016, 57, 1354-1358.	1.4	17
29	Influence of secondary ligand on structures and topologies of lanthanide coordination polymers with 1,3,5-triazine-2,4,6-triamine hexaacetic acid. <i>Journal of Coordination Chemistry</i> , 2015, 68, 4184-4202.	2.2	5
30	A convenient one-pot synthesis of ketone cyanohydrin esters in aqueous media. <i>Tetrahedron Letters</i> , 2015, 56, 7172-7175.	1.4	4
31	Facile synthesis of N-acylbenzotriazoles from carboxylic acids mediated by 2,4,6-trichloro-1,3,5-triazine and triethylamine. <i>Monatshefte FÃ¼r Chemie</i> , 2015, 146, 959-963.	1.8	16
32	An efficient mechanochemical synthesis of amides and dipeptides using 2,4,6-trichloro-1,3,5-triazine and PPh ₃ . <i>RSC Advances</i> , 2015, 5, 52624-52628.	3.6	52
33	Catalytic role of PPh ₃ and its polymer bound analog in the amidation of carboxylic acids mediated by 2,4,6-trichloro-1,3,5-triazine. <i>Tetrahedron Letters</i> , 2015, 56, 4997-5001.	1.4	9
34	Significance of reagent addition sequence in the amidation of carboxylic acids mediated by PPh ₃ and ÅI ₂ . <i>RSC Advances</i> , 2015, 5, 25789-25793.	3.6	28
35	Ultrasound-Assisted Methyl Esterification of Carboxylic Acids ÂCatalyzed by Polymer-Supported Triphenylphosphine. <i>Synlett</i> , 2015, 26, 2006-2008.	1.8	11
36	TCT-mediated synthesis of N-acylbenzotriazoles in aqueous media. <i>Tetrahedron Letters</i> , 2015, 56, 6998-7000.	1.4	9

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37	Ultrasound-assisted solvent-free synthesis of benzyl nitriles using Amberlite IRA 900 supported cyanide ion. Monatshefte für Chemie, 2014, 145, 1845-1849.	1.8	3
38	Ultrasound-assisted solventless synthesis of amines by in situ oxidation/reductive amination of benzyl halides. RSC Advances, 2014, 4, 20454-20458.	3.6	7
39	Solvent-free reduction of carboxylic acids to alcohols with NaBH ₄ promoted by 2,4,6-trichloro-1,3,5-triazine and PPh ₃ in the presence of K ₂ CO ₃ . RSC Advances, 2014, 4, 46947-46950.	3.6	13
40	Acyloxyphosphonium versus Aminophosphonium Intermediates: Application to the Synthesis of N-Acyltriazoles. European Journal of Organic Chemistry, 2014, 2014, 7109-7112.	2.4	27
41	Facile and efficient synthesis of C2-symmetrical 1,3,5-triazine polycarboxylate ligands under microwave irradiation. Tetrahedron, 2014, 70, 5415-5419.	1.9	4
42	Naturally occurring prenylated coumarins from <i>Micromelum integerrimum</i> twigs. Phytochemistry Letters, 2014, 7, 165-168.	1.2	6
43	Facile synthesis of magnetic molecularly imprinted polymers for caffeine via ultrasound-assisted precipitation polymerization. Polymer Bulletin, 2013, 70, 691-705.	3.3	19
44	Synthesis of highly selective spherical caffeine imprinted polymers via ultrasound-assisted precipitation polymerization. Journal of Applied Polymer Science, 2013, 128, 3893-3899.	2.6	20
45	Rapid oxidation of organic halides with N-methylmorpholine N-oxide in an ionic liquid under microwave irradiation. Tetrahedron Letters, 2013, 54, 1983-1986.	1.4	24
46	Development and Application of an Indirect Competitive Enzyme-Linked Immunosorbent Assay for the Detection of p,p'-DDE in Human Milk and Comparison of the Results against GC-ECD. Journal of Agricultural and Food Chemistry, 2012, 60, 16-22.	5.2	6
47	Poly(4-vinylpyridine-co-divinylbenzene) supported iron(III) catalyst for selective oxidation of toluene to benzoic acid with H ₂ O ₂ . Tetrahedron, 2012, 68, 9423-9428.	1.9	8
48	New Polymorph of 1,3,5-Triazine-2,4,6-triaminehexaacetic Acid. Journal of Chemical Crystallography, 2012, 42, 733-738.	1.1	1
49	Synthesis and applications of Fe ₃ O ₄ -diisopropylaminoacetamide as a versatile and reusable magnetic nanoparticle supported N,N-diisopropylethylamine equivalent. Tetrahedron Letters, 2012, 53, 2689-2693.	1.4	21
50	Microwave-assisted SNAr reaction of 2,4,6-trichloro-1,3,5-triazine for the rapid synthesis of C3-symmetrical polycarboxylate ligands. Tetrahedron Letters, 2012, 53, 3486-3489.	1.4	17
51	Production of Monoclonal Antibody to Acaricide Dicofof and Its Derivatives. Hybridoma, 2010, 29, 495-500.	0.4	7
52	Development of Immunochromatographic Assay for the On-site Detection of Salbutamol. Journal of Immunoassay and Immunochemistry, 2009, 30, 441-456.	1.1	24
53	Synthesis of Molecularly Imprinted Polymers for Nevirapine by Dummy Template Imprinting Approach. Chromatographia, 2009, 70, 1531-1537.	1.3	18
54	A peptidomimetic of NT-3 acts as a TrkC antagonist. Peptides, 2009, 30, 1833-1839.	2.4	19

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55	Immunochromatographic Strip Test for Rapid Detection of Nevirapine in Plasma Samples from Human Immunodeficiency Virus-Infected Patients. <i>Antimicrobial Agents and Chemotherapy</i> , 2007, 51, 3361-3363.	3.2	7
56	Development of a one-step immunochromatographic strip test for the rapid detection of nevirapine (NVP), a commonly used antiretroviral drug for the treatment of HIV/AIDS. <i>Talanta</i> , 2007, 71, 462-470.	5.5	31
57	Selective Small Molecule Peptidomimetic Ligands of TrkC and TrkA Receptors Afford Discrete or Complete Neurotrophic Activities. <i>Chemistry and Biology</i> , 2005, 12, 1015-1028.	6.0	53
58	Molecular Basis of Neurotrophin-3 Receptor Interactions. <i>ChemInform</i> , 2004, 35, no.	0.0	0
59	Syntheses and Activities of New C10 ^β -Turn Peptidomimetics. <i>Journal of Organic Chemistry</i> , 2004, 69, 701-713.	3.2	31
60	Selective Formation of Homo- and Heterobivalent Peptidomimetics. <i>Journal of Medicinal Chemistry</i> , 2003, 46, 3565-3567.	6.4	14
61	Molecular Basis of Neurotrophin-3 Receptor Interactions. <i>Journal of Medicinal Chemistry</i> , 2003, 46, 5277-5291.	6.4	77
62	Syntheses of second generation, 14-membered ring β -turn mimics. <i>Chemical Communications</i> , 2003, , 1674-1675.	4.1	1
63	New Templates for Syntheses of Ring-Fused, C10 ^β -Turn Peptidomimetics Leading to the First Reported Small-Molecule Mimic of Neurotrophin-3. <i>Journal of Medicinal Chemistry</i> , 2002, 45, 4387-4390.	6.4	32
64	A Rigid Linker-Scaffold for Solid-Phase Synthesis of Dimeric Pharmacophores. <i>ACS Combinatorial Science</i> , 2001, 3, 102-116.	3.3	16
65	A Linker Scaffold to Present Dimers of Pharmacophores Prepared by Solid-Phase Syntheses. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 4299-4301.	13.8	16
66	Preferred Secondary Structures as a Possible Driving Force for Macrocyclization. <i>Tetrahedron</i> , 2000, 56, 9809-9818.	1.9	10
67	Solution- and Solid-Phase Syntheses of Substituted Guanidinocarboxylic Acids. <i>ACS Combinatorial Science</i> , 2000, 2, 276-281.	3.3	42
68	Solid-Phase SN2 Macrocyclization Reactions To Form β -Turn Mimics. <i>Organic Letters</i> , 1999, 1, 121-124.	4.6	52
69	Stereochemical Implications on Diversity in β -Turn Peptidomimetic Libraries. <i>Journal of Organic Chemistry</i> , 1999, 64, 9175-9177.	3.2	13
70	Mechanochemical Synthesis of 2,5-Disubstituted 1,3,4-Oxadiazoles Mediated by PPh ₃ -TCCA. <i>Synlett</i> , 0, , .	1.8	2
71	Direct Synthesis of N-Monosubstituted Benzimidazol-2-ones via Ph ₃ P=O-Mediated Reaction of Hydroxamic Acids. <i>Synlett</i> , 0, , .	1.8	1