

Peddiahgari Vasu Govardhana Reddy

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Synthesis of bis-1,3-(benz)azoles catalyzed by palladium-PEPPSI complex-based catalysts and the study of photophysical properties. <i>Chemosphere</i> , 2022, 301, 134751.	8.2	3
2	A review on multicomponent reactions catalysed by zero-dimensional/one-dimensional titanium dioxide (TiO ₂) nanomaterials: Promising green methodologies in organic chemistry. <i>Journal of Environmental Management</i> , 2021, 279, 111603.	7.8	28
3	Investigation of Pd-PEPPSI catalysts and coupling partners towards direct C ₂ -arylation/heteroarylation of benzoxazole. <i>Applied Organometallic Chemistry</i> , 2021, 35, e6296.	3.5	7
4	In-vitro evaluation of antioxidant and anticholinesterase activities of novel pyridine, quinoxaline and s-triazine derivatives. <i>Environmental Research</i> , 2021, 199, 111320.	7.5	28
5	Sterically enriched bulky 1,3-bis(<i>N</i> , <i>N</i> -aralkyl)benzimidazolium based Pd-PEPPSI complexes for Buchwald-Hartwig amination reactions. <i>New Journal of Chemistry</i> , 2020, 44, 11694-11703.	2.8	16
6	Benzimidazole bearing Pd-PEPPSI complexes catalyzed direct C ₂ -arylation/heteroarylation of <i>N</i> -substituted benzimidazoles. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5869.	3.5	14
7	Cu-N-heterocyclic carbene-catalysed synthesis of 2-aryla-3-(arylethynyl)quinoxalines from one-pot tandem coupling of <i>o</i> -phenylenediamines and terminal alkynes. <i>Applied Organometallic Chemistry</i> , 2019, 33, e5188.	3.5	11
8	Pd-NHC catalyzed Suzuki-Miyaura couplings on 3-bromo-9 <i>H</i> -pyrido[2,3- <i>b</i>]indole-6-sulfonamide. <i>Synthetic Communications</i> , 2019, 49, 1987-1996.	2.1	13
9	Green synthesis of 1,2,3-triazoles <i>via</i> Cu ₂ O NPs on hydrogen trititanate nanotubes promoted 1,3-dipolar cycloadditions. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4752.	3.5	16
10	Cu(OTf) ₂ loaded protonated trititanate nanotubes catalyzed reaction: a facile method for the synthesis of furo[2,3- <i>b</i>]quinoxalines. <i>New Journal of Chemistry</i> , 2018, 42, 5972-5977.	2.8	11
11	β-Cyclodextrin in Water: As an Efficient Green Protocol for the Synthesis of Pyrimido[4,5- <i>b</i>]quinoline-diones. <i>ChemistrySelect</i> , 2018, 3, 4283-4288.	1.5	13
12	Highly efficient Pd-PEPPSI-Pr catalyst for <i>N</i> -(4-pyridazinyl)-bridged bicyclic sulfonamides via Suzuki-Miyaura coupling reaction. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4068.	3.5	6
13	SingaCycle TM -Catalyzed Successive Suzuki-Miyaura and Buchwald Couplings for the Synthesis of Various New Pyridine Analogues. <i>ChemistrySelect</i> , 2018, 3, 13182-13190.	1.5	7
14	Enantioselective Vanadium-Catalyzed Oxidative Coupling: Development and Mechanistic Insights. <i>Journal of Organic Chemistry</i> , 2018, 83, 14362-14384.	3.2	42
15	Mild and Efficient Synthesis of 5-(2,2-difluoro-1-phenyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 187 Td (cyclopropyl)-5 Ultrasonic Irradiation Conditions. <i>ChemistrySelect</i> , 2017, 2, 356-363.	1.5	5
16	CuI Supported on Protonated Trititanate Nanotubes: A Reusable Catalyst for the One-Pot Synthesis of Propargylamines via A ³ -Coupling. <i>Asian Journal of Organic Chemistry</i> , 2017, 6, 712-719.	2.7	26
17	Asymmetric Oxidative Coupling of Phenols and Hydroxycarbazoles. <i>Organic Letters</i> , 2017, 19, 5505-5508.	4.6	62
18	PEPPSI-SONO-SP ² : a new highly efficient ligand-free catalyst system for the synthesis of tri-substituted triazine derivatives via Suzuki-Miyaura and Sonogashira coupling reactions under a green approach. <i>New Journal of Chemistry</i> , 2016, 40, 5135-5142.	2.8	19

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19	A Brønsted Acid–Primary Amine as a Synergistic Catalyst for Stereoselective Asymmetric Diels–Alder Reactions. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 5220-5226.	2.4	17
20	Novel 7- <i>N</i> -nitro-1-(piperidin-4-yl)-4,5-dihydro-[1,2,4] triazolo[4,3- <i>c</i>]quinoline-6-sulphonamide Derivatives as Antimicrobial Agents: Design, Synthesis, and Bioactivity. <i>Journal of Heterocyclic Chemistry</i> , 2016, 53, 1416-1423.	2.6	1
21	Rapid synthesis of alkylaminophenols via the Petasis borono–Mannich reaction using protonated trititanate nanotubes as robust solid–acid catalysts. <i>RSC Advances</i> , 2016, 6, 14682-14691.	3.6	31
22	Camphor-derived thioureas: Synthesis and application in asymmetric Kabachnik-Fields reaction. <i>Chinese Chemical Letters</i> , 2016, 27, 943-947.	9.0	12
23	Protonated trititanate nanotubes: an efficient catalyst for one-pot three-component coupling of benzothiazole amines, heterocyclic aldehydes, and dialkyl/diaryl phosphites with a greener perspective. <i>Tetrahedron Letters</i> , 2016, 57, 696-702.	1.4	17
24	Synthesis of New 4,5-Dihydro-1-methyl-[1,2,4]triazolo[4,3- <i>c</i>]quinolin-7-amine–Derived Ureas and Their Anticancer Activity. <i>Synthetic Communications</i> , 2015, 45, 831-837.	2.1	6
25	Synthesis of <i>N</i> -(3-picolyl)-based 1,3,2,5-benzoxazaphosphinamides as potential 11 β -HSD1 enzyme inhibitors. <i>Medicinal Chemistry Research</i> , 2015, 24, 1119-1135.	2.4	16
26	Chitosan: highly efficient, green, and reusable biopolymer catalyst for the synthesis of alkylaminophenols via Petasis borono–Mannich reaction. <i>Tetrahedron Letters</i> , 2015, 56, 4984-4989.	1.4	27
27	Propylphosphonic anhydride (T3P $\text{\textcircled{R}}$) catalyzed one-pot synthesis of \pm -aminonitriles. <i>Chinese Chemical Letters</i> , 2015, 26, 739-743.	9.0	5
28	Efficient solvent free synthesis of tertiary \pm -aminophosphonates using H ₂ Ti ₃ O ₇ nanotubes as a reusable solid-acid catalyst. <i>New Journal of Chemistry</i> , 2015, 39, 9605-9610.	2.8	21
29	Phosphomolybdic acid promoted Kabachnik–Fields reaction: an efficient one-pot synthesis of \pm -aminophosphonates from 2-cyclopropylpyrimidine-4-carbaldehyde. <i>Tetrahedron Letters</i> , 2014, 55, 3336-3339.	1.4	26
30	Synthesis of New 2,4-Diaryl-6-methyl-5-nitropyrimidines as Antibacterial and Antioxidant Agents. <i>Journal of Heterocyclic Chemistry</i> , 2013, 50, 1395-1399.	2.6	7
31	New enantiopure NHCs derived from camphor. <i>Chemical Communications</i> , 2009, , 5910.	4.1	31
32	Hindered Brønsted bases as Lewis base catalysts. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 4009.	2.8	25
33	Recent Advances in the Synthesis and Application of Chiral Ionic Liquids. <i>Synthesis</i> , 2008, 2008, 999-1016.	2.3	18
34	Synthesis of 2 β -paclitaxel methyl 2-glucopyranosyl succinate for specific targeted delivery to cancer cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007, 17, 617-620.	2.2	47