

Peddiahgari Vasu Govardhana Reddy

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | Asymmetric Oxidative Coupling of Phenols and Hydroxycarbazoles. <i>Organic Letters</i> , 2017, 19, 5505-5508. | 4.6 | 62 |
| 2 | 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 |
| 3 | Enantioselective Vanadium-Catalyzed Oxidative Coupling: Development and Mechanistic Insights. <i>Journal of Organic Chemistry</i> , 2018, 83, 14362-14384. | 3.2 | 42 |
| 4 | New enantiopure NHCs derived from camphor. <i>Chemical Communications</i> , 2009, , 5910. | 4.1 | 31 |
| 5 | Rapid synthesis of alkylaminophenols via the Petasis borono α -Mannich reaction using protonated trititanate nanotubes as robust solid α -acid catalysts. <i>RSC Advances</i> , 2016, 6, 14682-14691. | 3.6 | 31 |
| 6 | 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 |
| 7 | 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 |
| 8 | Chitosan: highly efficient, green, and reusable biopolymer catalyst for the synthesis of alkylaminophenols via Petasis borono α -Mannich reaction. <i>Tetrahedron Letters</i> , 2015, 56, 4984-4989. | 1.4 | 27 |
| 9 | Phosphomolybdic acid promoted Kabachnik α -Fields reaction: an efficient one-pot synthesis of β -aminophosphonates from 2-cyclopropylpyrimidine-4-carbaldehyde. <i>Tetrahedron Letters</i> , 2014, 55, 3336-3339. | 1.4 | 26 |
| 10 | CuI Supported on Protonated Trititanate Nanotubes: A Reusable Catalyst for the One α -Pot Synthesis of Propargylamines via A ³ α -Coupling. <i>Asian Journal of Organic Chemistry</i> , 2017, 6, 712-719. | 2.7 | 26 |
| 11 | Hindered Br α sted bases as Lewis base catalysts. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 4009. | 2.8 | 25 |
| 12 | Efficient solvent free synthesis of tertiary β -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 |
| 13 | PEPSI-SONO-SP ² : a new highly efficient ligand-free catalyst system for the synthesis of tri-substituted triazine derivatives via Suzuki α -Miyaura and Sonogashira coupling reactions under a green approach. <i>New Journal of Chemistry</i> , 2016, 40, 5135-5142. | 2.8 | 19 |
| 14 | Recent Advances in the Synthesis and Application of Chiral Ionic Liquids. <i>Synthesis</i> , 2008, 2008, 999-1016. | 2.3 | 18 |
| 15 | A Br α sted Acid α -Primary Amine as a Synergistic Catalyst for Stereoselective Asymmetric Diels α -Alder Reactions. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 5220-5226. | 2.4 | 17 |
| 16 | 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 |
| 17 | Synthesis of N-(3-picoyl)-based 1,3,2 β -benzoxazaphosphinamides as potential 11 β -HSD1 enzyme inhibitors. <i>Medicinal Chemistry Research</i> , 2015, 24, 1119-1135. | 2.4 | 16 |
| 18 | Green synthesis of 1,2,3 α -triazoles <i>in</i> via Cu ₂ O NPs on hydrogen trititanate nanotubes promoted 1,3 α -dipolar cycloadditions. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4752. | 3.5 | 16 |

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|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Sterically enriched bulky 1,3-bis(<i>N</i> , <i>N</i> -di- <i>n</i> -alkyl)benzimidazolium based Pd-PEPPSI complexes for Buchwald-Hartwig amination reactions. <i>New Journal of Chemistry</i> , 2020, 44, 11694-11703. | 2.8 | 16 |
| 20 | Benzimidazole bearing Pd-PEPPSI complexes catalyzed direct C2-arylation/heteroarylation of <i>N</i> -substituted benzimidazoles. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5869. | 3.5 | 14 |
| 21 | β-Cyclodextrin in Water: As an Efficient Green Protocol for the Synthesis of Pyrimido[4,5- <i>b</i>]quinoline- <i>d</i> iones. <i>ChemistrySelect</i> , 2018, 3, 4283-4288. | 1.5 | 13 |
| 22 | 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 |
| 23 | Camphor-derived thioureas: Synthesis and application in asymmetric Kabachnik-Fields reaction. <i>Chinese Chemical Letters</i> , 2016, 27, 943-947. | 9.0 | 12 |
| 24 | 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 |
| 25 | Cu-N-heterocyclic carbene-catalysed synthesis of 2-aryl-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 |
| 26 | 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 |
| 27 | SingaCycle TM -A1-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 |
| 28 | Investigation of Pd-PEPPSI catalysts and coupling partners towards direct C2-arylation/heteroarylation of benzoxazole. <i>Applied Organometallic Chemistry</i> , 2021, 35, e6296. | 3.5 | 7 |
| 29 | Synthesis of New 4,5-Dihydro-1-methyl-[1,2,4]triazolo[4,3- <i>a</i>]quinolin-7-amine-Derived Ureas and Their Anticancer Activity. <i>Synthetic Communications</i> , 2015, 45, 831-837. | 2.1 | 6 |
| 30 | 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 |
| 31 | Propylphosphonic anhydride (T3P®) catalyzed one-pot synthesis of α -aminonitriles. <i>Chinese Chemical Letters</i> , 2015, 26, 739-743. | 9.0 | 5 |
| 32 | Mild and Efficient Synthesis of 5-(2,2-difluoro-1-phenyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227 Td (cyclopropyl)- <i>N</i> -Ureas Under Ultrasonic Irradiation Conditions. <i>ChemistrySelect</i> , 2017, 2, 356-363. | 1.5 | 5 |
| 33 | 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 |
| 34 | Novel 7-Nitro-1-(Piperidin-4-yl)-4,5-dihydro-[1,2,4] Triazolo[4,3- <i>a</i>]Quinoline-Sulphonamide Derivatives as Antimicrobial Agents: Design, Synthesis, and Bio-Activity. <i>Journal of Heterocyclic Chemistry</i> , 2016, 53, 1416-1423. | 2.6 | 1 |