

Phani Kumar Pullela

List of Publications by Citations

Source: <https://exaly.com/author-pdf/4532019/phani-kumar-pullela-publications-by-citations.pdf>

Version: 2024-04-24

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

29
papers

924
citations

11
h-index

30
g-index

32
ext. papers

1,012
ext. citations

2.5
avg, IF

3.49
L-index

| # | Paper | IF | Citations |
|----|---|-----|-----------|
| 29 | Design, synthesis and biological evaluation of benzimidazole/benzothiazole and benzoxazole derivatives as cyclooxygenase inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2003 , 13, 657-60 | 2.9 | 220 |
| 28 | Novel method for isolation of major phenolic constituents from cashew (<i>Anacardium occidentale</i> L.) nut shell liquid. <i>Journal of Agricultural and Food Chemistry</i> , 2001 , 49, 2548-51 | 5.7 | 160 |
| 27 | Process for isolation of cardanol from technical cashew (<i>Anacardium occidentale</i> L.) nut shell liquid. <i>Journal of Agricultural and Food Chemistry</i> , 2002 , 50, 4705-8 | 5.7 | 151 |
| 26 | Fluorescence-based detection of thiols in vitro and in vivo using dithiol probes. <i>Analytical Biochemistry</i> , 2006 , 352, 265-73 | 3.1 | 132 |
| 25 | Synthesis and evaluation of a new class of nifedipine analogs with T-type calcium channel blocking activity. <i>Molecular Pharmacology</i> , 2002 , 61, 649-58 | 4.3 | 72 |
| 24 | Structural evidence for a functionally relevant second camphor binding site in P450cam: model for substrate entry into a P450 active site. <i>Proteins: Structure, Function and Bioinformatics</i> , 2007 , 69, 125-38 | 4.2 | 31 |
| 23 | Differential Diagnosis of Malaria on Truelab Uno [®] , a Portable, Real-Time, MicroPCR Device for Point-Of-Care Applications. <i>PLoS ONE</i> , 2016 , 11, e0146961 | 3.7 | 28 |
| 22 | Homology-modeled ligand-binding domains of zebrafish estrogen receptors alpha, beta1, and beta2: from in silico to in vivo studies of estrogen interactions in <i>Danio rerio</i> as a model system. <i>Molecular Endocrinology</i> , 2005 , 19, 2979-90 | | 25 |
| 21 | Synthesis of sildenafil analogues from anacardic acid and their phosphodiesterase-5 inhibition. <i>Journal of Agricultural and Food Chemistry</i> , 2002 , 50, 7709-13 | 5.7 | 24 |
| 20 | Prospects and progress in the production of valuable carotenoids: Insights from metabolic engineering, synthetic biology, and computational approaches. <i>Journal of Biotechnology</i> , 2018 , 266, 89-101 | 3.7 | 23 |
| 19 | Distilled technical cashew nut shell liquid (DT-CNSL) as an effective biofuel and additive to stabilize triglyceride biofuels in diesel. <i>Renewable Energy</i> , 2014 , 71, 81-88 | 8.1 | 19 |
| 18 | Simple and efficient method for the synthesis of 2',3'-didehydro-3'-deoxythymidine (d4T). <i>Tetrahedron Letters</i> , 2003 , 44, 1003-1005 | 2 | 8 |
| 17 | Design of multiligand inhibitors for the swine flu H1N1 neuraminidase binding site. <i>Advances and Applications in Bioinformatics and Chemistry</i> , 2013 , 6, 47-53 | 1.5 | 6 |
| 16 | A dithio-coupled kinase and ATPase assay. <i>Journal of Biomolecular Screening</i> , 2006 , 11, 844-53 | | 5 |
| 15 | ¹³ C-Methyl isocyanide as an NMR probe for cytochrome P450 active sites. <i>Journal of Biomolecular NMR</i> , 2009 , 43, 171-8 | 3 | 4 |
| 14 | Fe ₃ O ₄ @SiO ₂ magnetic nanoparticles for bulk scale synthesis of 4'-chloro-2,2':6',2''-terpyridine. <i>Chemical Papers</i> , 2017 , 71, 2445-2453 | 1.9 | 3 |
| 13 | SPA enhanced FPIA-based detection of pesticide residue with ppb/ppt level detection limit. <i>IET Nanobiotechnology</i> , 2017 , 11, 24-31 | 2 | 3 |

| | | | |
|----|---|-----|---|
| 12 | Bulk Synthesis of Thermally Unstable 5-Amino-3-methylisoxazole Using Silica Coated Magnetite Nanoparticles (Fe ₃ O ₄ @SiO ₂). <i>Asian Journal of Chemistry</i> , 2017 , 29, 124-128 | 0.4 | 2 |
| 11 | Hydrophobic interactions in donor-disulphide-acceptor (DSSA) probes looking beyond fluorescence resonance energy transfer theory. <i>Journal of Fluorescence</i> , 2014 , 24, 1297-306 | 2.4 | 2 |
| 10 | Reverse micelle formation in vegetable oil, 1-butanol and diesel biofuel blends [Elimination of need for transesterification of triglycerides. <i>Renewable Energy Focus</i> , 2018 , 25, 57-64 | 5.4 | 2 |
| 9 | Efficient bulk scale synthesis of popular pesticide synthon: tetrachlorothiophene 2017 , 3, 138-145 | | 1 |
| 8 | Objective measurement of isoniazid levels: practical approach for monitoring tuberculosis drug treatment adherence. <i>IET Nanobiotechnology</i> , 2017 , 11, 821-826 | 2 | 1 |
| 7 | Magnetic Nanoparticle Assisted Bulk Scale Synthesis of Quinazoline Synthon. <i>Advanced Science Letters</i> , 2018 , 24, 5936-5941 | 0.1 | 1 |
| 6 | Effect of Hofmeister series salts on Absorptivity of aqueous solutions on Sodium polyacrylate. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017 , 263, 022028 | 0.4 | |
| 5 | The synthesis, characterization, and application of ¹³ C-methyl isocyanide as an NMR probe of heme protein active sites. <i>Methods in Molecular Biology</i> , 2013 , 987, 51-9 | 1.4 | |
| 4 | Fluorescent probes for thiol quantitation inside cells. <i>FASEB Journal</i> , 2007 , 21, A627 | 0.9 | |
| 3 | Thiol reactive dyes as probes for kinase assays. <i>FASEB Journal</i> , 2007 , 21, A263 | 0.9 | |
| 2 | Nanomaterial assisted bulk scale synthesis of 2-methyl-6-nitroquinoline. <i>Materials Today: Proceedings</i> , 2021 , 37, 1469-1474 | 1.4 | |
| 1 | Detection of Non-nitro Compounds by Amplified Fluorescence Polymer (AFP): An Opportunity for Breath-Based Disease Diagnosis. <i>Asian Journal of Chemistry</i> , 2021 , 33, 2229-2236 | 0.4 | |