

Phani Kumar Pullela

List of Publications by Year in descending order

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31
papers

1,121
citations

840119

11
h-index

580395

25
g-index

32
all docs

32
docs citations

32
times ranked

1570
citing authors

#	ARTICLE	IF	CITATIONS
1	Design, synthesis and biological evaluation of benzimidazole/benzothiazole and benzoxazole derivatives as cyclooxygenase inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2003, 13, 657-660.	1.0	248
2	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, 2548-2551.	2.4	206
3	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, 4705-4708.	2.4	188
4	Fluorescence-based detection of thiols in vitro and in vivo using dithiol probes. <i>Analytical Biochemistry</i> , 2006, 352, 265-273.	1.1	145
5	Synthesis and Evaluation of a New Class of Nifedipine Analogs with T-Type Calcium Channel Blocking Activity. <i>Molecular Pharmacology</i> , 2002, 61, 649-658.	1.0	88
6	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.	1.1	38
7	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, 125-138.	1.5	37
8	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.	1.9	35
9	Synthesis of Sildenafil Analogues from Anacardic Acid and Their Phosphodiesterase-5 Inhibition. <i>Journal of Agricultural and Food Chemistry</i> , 2002, 50, 7709-7713.	2.4	30
10	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.	4.3	30
11	Homology-Modeled Ligand-Binding Domains of Zebrafish Estrogen Receptors $\hat{1}$, $\hat{1}^2$, and $\hat{1}^2$: 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, 2979-2990.	3.7	27
12	Simple and efficient method for the synthesis of 2 $\hat{2}$,3 $\hat{2}$ -didehydro-3 $\hat{2}$ -deoxythymidine (d4T). <i>Tetrahedron Letters</i> , 2003, 44, 1003-1005.	0.7	8
13	¹³ C-Methyl isocyanide as an NMR probe for cytochrome P450 active sites. <i>Journal of Biomolecular NMR</i> , 2009, 43, 171-178.	1.6	7
14	Design of multiligand inhibitors for the swine flu H1N1 neuraminidase binding site. <i>Advances and Applications in Bioinformatics and Chemistry</i> , 2013, 6, 47.	1.6	7
15	A Dithio-Coupled Kinase and ATPase Assay. <i>Journal of Biomolecular Screening</i> , 2006, 11, 844-853.	2.6	5
16	Fe ₃ O ₄ @SiO ₂ magnetic nanoparticles for bulk scale synthesis of 4 $\hat{2}$ -chloro-2,2 $\hat{2}$:6 $\hat{2}$,2 $\hat{3}$ -terpyridine. <i>Chemical Papers</i> , 2017, 71, 2445-2453.	1.0	5
17	SPA enhanced FPIA $\hat{2}$ -based detection of pesticide residue with ppb/ppt level detection limit. <i>IET Nanobiotechnology</i> , 2017, 11, 24-31.	1.9	4
18	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.	0.1	3

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19	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.	2.2	3
20	Hydrophobic Interactions in Donor-Disulphide-Acceptor (DSSA) Probes Looking Beyond Fluorescence Resonance Energy Transfer Theory. <i>Journal of Fluorescence</i> , 2014, 24, 1297-1306.	1.3	2
21	Efficient bulk scale synthesis of popular pesticide synthon: tetrachlorothiophene. <i>Journal of Lithic Studies</i> , 2017, 3, 138-145.	0.1	1
22	Objective measurement of isoniazid levels: practical approach for monitoring tuberculosis drug treatment adherence. <i>IET Nanobiotechnology</i> , 2017, 11, 821-826.	1.9	1
23	Critical Modification to Bulk Scale Synthesis of 2-Amino-5-carboethoxy-4-hydroxypyrimidine. <i>Asian Journal of Chemistry</i> , 2017, 29, 2119-2122.	0.1	1
24	Concentration of gold nanoparticles at near Zero-cost. <i>Materials Today: Proceedings</i> , 2022, 54, 255-258.	0.9	1
25	Magnetic Nanoparticle Assisted Bulk Scale Synthesis of Quinazoline Synthon. <i>Advanced Science Letters</i> , 2018, 24, 5936-5941.	0.2	1
26	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, 51-59.	0.4	0
27	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.	0.3	0
28	Nanomaterial assisted bulk scale synthesis of 2-methyl-6-nitroquinoline. <i>Materials Today: Proceedings</i> , 2021, 37, 1469-1474.	0.9	0
29	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.	0.1	0
30	Fluorescent probes for thiol quantitation inside cells. <i>FASEB Journal</i> , 2007, 21, A627.	0.2	0
31	Thiol reactive dyes as probes for kinase assays. <i>FASEB Journal</i> , 2007, 21, A263.	0.2	0