

# Phani Kumar Pullela

## List of Publications by Year in Descending Order

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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	Nanomaterial assisted bulk scale synthesis of 2-methyl-6-nitroquinoline. <i>Materials Today: Proceedings</i> , <b>2021</b> , 37, 1469-1474	1.4	
28	Detection of Non-nitro Compounds by Amplified Fluorescence Polymer (AFP): An Opportunity for Breath-Based Disease Diagnosis. <i>Asian Journal of Chemistry</i> , <b>2021</b> , 33, 2229-2236	0.4	
27	Prospects and progress in the production of valuable carotenoids: Insights from metabolic engineering, synthetic biology, and computational approaches. <i>Journal of Biotechnology</i> , <b>2018</b> , 266, 89-101	2.7	23
26	Magnetic Nanoparticle Assisted Bulk Scale Synthesis of Quinazoline Synthone. <i>Advanced Science Letters</i> , <b>2018</b> , 24, 5936-5941	0.1	1
25	Reverse micelle formation in vegetable oil, 1-butanol and diesel biofuel blends: Elimination of need for transesterification of triglycerides. <i>Renewable Energy Focus</i> , <b>2018</b> , 25, 57-64	5.4	2
24	Efficient bulk scale synthesis of popular pesticide synthone: tetrachlorothiophene <b>2017</b> , 3, 138-145		1
23	Bulk Synthesis of Thermally Unstable 5-Amino-3-methylisoxazole Using Silica Coated Magnetite Nanoparticles (Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> ). <i>Asian Journal of Chemistry</i> , <b>2017</b> , 29, 124-128	0.4	2
22	Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> magnetic nanoparticles for bulk scale synthesis of 4'-chloro-2,2':6',2''-terpyridine. <i>Chemical Papers</i> , <b>2017</b> , 71, 2445-2453	1.9	3
21	SPA enhanced FPIA-based detection of pesticide residue with ppb/ppt level detection limit. <i>IET Nanobiotechnology</i> , <b>2017</b> , 11, 24-31	2	3
20	Effect of Hofmeister series salts on Absorptivity of aqueous solutions on Sodium polyacrylate. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2017</b> , 263, 022028	0.4	
19	Objective measurement of isoniazid levels: practical approach for monitoring tuberculosis drug treatment adherence. <i>IET Nanobiotechnology</i> , <b>2017</b> , 11, 821-826	2	1
18	Differential Diagnosis of Malaria on Truelab Uno <sup>®</sup> , a Portable, Real-Time, MicroPCR Device for Point-Of-Care Applications. <i>PLoS ONE</i> , <b>2016</b> , 11, e0146961	3.7	28
17	Hydrophobic interactions in donor-disulphide-acceptor (DSSA) probes looking beyond fluorescence resonance energy transfer theory. <i>Journal of Fluorescence</i> , <b>2014</b> , 24, 1297-306	2.4	2
16	Distilled technical cashew nut shell liquid (DT-CNSL) as an effective biofuel and additive to stabilize triglyceride biofuels in diesel. <i>Renewable Energy</i> , <b>2014</b> , 71, 81-88	8.1	19
15	The synthesis, characterization, and application of <sup>13</sup> C-methyl isocyanide as an NMR probe of heme protein active sites. <i>Methods in Molecular Biology</i> , <b>2013</b> , 987, 51-9	1.4	
14	Design of multiligand inhibitors for the swine flu H1N1 neuraminidase binding site. <i>Advances and Applications in Bioinformatics and Chemistry</i> , <b>2013</b> , 6, 47-53	1.5	6
13	<sup>13</sup> C-Methyl isocyanide as an NMR probe for cytochrome P450 active sites. <i>Journal of Biomolecular NMR</i> , <b>2009</b> , 43, 171-8	3	4

12	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> , <b>2007</b> , 69, 125-38	4.2	31
11	Fluorescent probes for thiol quantitation inside cells. <i>FASEB Journal</i> , <b>2007</b> , 21, A627	0.9	
10	Thiol reactive dyes as probes for kinase assays. <i>FASEB Journal</i> , <b>2007</b> , 21, A263	0.9	
9	A dithio-coupled kinase and ATPase assay. <i>Journal of Biomolecular Screening</i> , <b>2006</b> , 11, 844-53		5
8	Fluorescence-based detection of thiols in vitro and in vivo using dithiol probes. <i>Analytical Biochemistry</i> , <b>2006</b> , 352, 265-73	3.1	132
7	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> , <b>2005</b> , 19, 2979-90		25
6	Simple and efficient method for the synthesis of 2',3'-didehydro-3'-deoxythymidine (d4T). <i>Tetrahedron Letters</i> , <b>2003</b> , 44, 1003-1005	2	8
5	Design, synthesis and biological evaluation of benzimidazole/benzothiazole and benzoxazole derivatives as cyclooxygenase inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2003</b> , 13, 657-60	2.9	220
4	Synthesis and evaluation of a new class of nifedipine analogs with T-type calcium channel blocking activity. <i>Molecular Pharmacology</i> , <b>2002</b> , 61, 649-58	4.3	72
3	Synthesis of sildenafil analogues from anacardic acid and their phosphodiesterase-5 inhibition. <i>Journal of Agricultural and Food Chemistry</i> , <b>2002</b> , 50, 7709-13	5.7	24
2	Process for isolation of cardanol from technical cashew ( <i>Anacardium occidentale</i> L.) nut shell liquid. <i>Journal of Agricultural and Food Chemistry</i> , <b>2002</b> , 50, 4705-8	5.7	151
1	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> , <b>2001</b> , 49, 2548-51	5.7	160