

# Suresh Kumar

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5062122/publications.pdf>

Version: 2024-02-01

28  
papers

483  
citations

933264

10  
h-index

713332

21  
g-index

29  
all docs

29  
docs citations

29  
times ranked

504  
citing authors

#	ARTICLE	IF	CITATIONS
1	Isolation and functional characterization of novel biosurfactant produced by <i>Enterococcus faecium</i> . SpringerPlus, 2015, 4, 4.	1.2	101
2	Production and Structural Characterization of <i>Lactobacillus helveticus</i> Derived Biosurfactant. Scientific World Journal, The, 2014, 2014, 1-9.	0.8	87
3	5-Aminopyrazole as precursor in design and synthesis of fused pyrazoloazines. Beilstein Journal of Organic Chemistry, 2018, 14, 203-242.	1.3	59
4	Synthesis and Biological Evaluation of Quinoline-Based Novel Aurones. ChemistrySelect, 2020, 5, 3539-3543.	0.7	40
5	An improved one-pot and eco-friendly synthesis of aurones under solvent-free conditions. Green Chemistry Letters and Reviews, 2014, 7, 95-99.	2.1	30
6	A minireview of 1,2,3-triazole hybrids with O-heterocycles as leads in medicinal chemistry. Chemical Biology and Drug Design, 2022, 100, 843-869.	1.5	25
7	Volumetric studies of some amino acids in binary aqueous solutions of MgCl <sub>2</sub> ·6H <sub>2</sub> O at 288.15, and 308.15 K. Journal of Chemical Sciences, 2005, 117, 267-273.	0.7	19
8	Solvent-Free One Pot Synthesis of 2-aryl/heteroarylbenzothiazoles Using Hypervalent Iodine (III) Reagents. Journal of Heterocyclic Chemistry, 2012, 49, 1243-1249.	1.4	14
9	Multi-component reaction to access a library of polyfunctionally substituted 4,7-dihydropyrazolo[3,4-b]pyridines. Synthetic Communications, 2019, 49, 973-985.	1.1	12
10	Apparent Molar Volumes of Tetrabutylammonium Bromide and Tetrabutylammonium Iodide in 2-Methoxyethanol, 2-Ethoxyethanol, and 2-Butoxyethanol at Different Temperatures. Physics and Chemistry of Liquids, 2003, 41, 423-430.	0.4	11
11	An economic, simple and convenient synthesis of 2-aryl/heteroaryl/styryl/alkylbenzothiazoles using SiO <sub>2</sub> -HNO <sub>3</sub> . Research on Chemical Intermediates, 2015, 41, 4283-4292.	1.3	11
12	Effect of gamma irradiation on thermal, mechanical and water absorption behavior of LLDPE hybrid composites reinforced with date pit ( <i>Phoenix dactylifera</i> ) and glass fiber. Polymer Bulletin, 2021, 78, 7019-7038.	1.7	11
13	Recent Advances in Synthesis and Biological Assessment of Quinoline-Oxygen Heterocycle Hybrids. ChemistrySelect, 2021, 6, 5148-5165.	0.7	11
14	Synthesis, characterization, in vitro DNA photocleavage and cytotoxicity studies of 4-aryloxy-1-phenyl-3-(2-thienyl)-5-hydroxy-5-trifluoromethylpyrazolines and regioisomeric 4-aryloxy-1-phenyl-5-(3)-(2-thienyl)-3(5)-trifluoromethylpyrazoles. Journal of Fluorine Chemistry, 2020, 236, 109573.	0.9	10
15	Multicomponent synthesis, in vitro cytotoxic evaluation and molecular modelling studies of polyfunctionalized pyrazolo[3,4-b]pyridine derivatives against three human cancer cell lines. Synthetic Communications, 0, , 1-17.	1.1	8
16	Preparation of 4,7-dihydro-1H-pyrazolo[3,4-b]pyridine-5-nitriles in a Multicomponent Domino Process. ChemistrySelect, 2016, 1, 5990-5994.	0.7	7
17	A Facile Solvent Free Synthesis of 3-arylidenechroman-4-ones Using Grinding Technique. E-Journal of Chemistry, 2012, 9, 1251-1256.	0.4	6
18	Design, synthesis, biological evaluation, and molecular docking studies of some novel N,N-dimethylaminopropoxy-substituted aurones. Journal of Heterocyclic Chemistry, 2022, 59, 297-308.	1.4	5

#	ARTICLE	IF	CITATIONS
19	A solvent free approach for Knoevenagel condensation: facile synthesis of 3-cyano and 3-carbethoxycoumarins. <i>Green Processing and Synthesis</i> , 2014, 3, .	1.3	3
20	Molecular iodine mediated transition-metal-free oxidative dehydrogenation of 4,7-dihydro- <i>pyrazolo</i> [3,4- <i>b</i> ]pyridines. <i>Synthetic Communications</i> , 2021, 51, 3601-3609.	1.1	3
21	Preparation, Characterization and Properties of some Acrylic Base Latex: A Review. <i>Oriental Journal of Chemistry</i> , 2021, 37, 1002-1016.	0.1	3
22	Ion-Solvent Interaction Behaviour of Lithium Perchlorate in N,N-Dimethylacetamide and its Binary Mixtures with 2-Aminoethanol: FTIR Vibrational and NMR Spectroscopy Study. <i>Asian Journal of Chemistry</i> , 2021, 33, 1415-1419.	0.1	2
23	Comparative Studies of Dye Removal Efficiency of Surface Functionalized Nanoparticles with Other Adsorbents: Isotherm and Kinetic Study. <i>Asian Journal of Chemistry</i> , 2021, 33, 3031-3038.	0.1	1
24	Viscometric Studies of Ion Solvation of Some Alkali Metal Salts in 2-Aminoethanol + N,N-Dimethylacetamide Binary Mixtures at 298.15 K and 308.15 K. <i>Asian Journal of Chemistry</i> , 2021, 33, 2924-2928.	0.1	1
25	A Comprehensive Review on Therapeutic Potentials of Natural Cyclic Peptides. <i>Current Nutrition and Food Science</i> , 2022, 18, .	0.3	1
26	Study of Isotherm and Kinetic Parameters for Efficient Adsorption of Methylene Blue Dye onto the Surface of Meldrum's Acid Modified SPIONs. <i>Asian Journal of Chemistry</i> , 2022, 34, 619-626.	0.1	1
27	Kinetic and Thermal Studies of Adsorption of Allura Red Dye by Surface Functionalized Magnetite Nanoparticles. <i>Asian Journal of Chemistry</i> , 2021, 33, 2675-2684.	0.1	0
28	Alginate and Gum Arabic Coated Iron Oxide Nanoparticles as an Efficient Drug Carrier Agent. <i>Asian Journal of Chemistry</i> , 2021, 34, 133-139.	0.1	0