

# Shrikant Pawar

## 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.

42  
papers

774  
citations

12  
h-index

27  
g-index

51  
ext. papers

1,668  
ext. citations

5.6  
avg, IF

4.03  
L-index

#	Paper	IF	Citations
42	Extracellular calcium alters calcium-sensing receptor network integrating intracellular calcium-signaling and related key pathway. <i>Scientific Reports</i> , <b>2021</b> , 11, 20576	4.9	1
41	Hemoglobin Induces Early and Robust Biofilm Development in by a Pathway That Involves but Not the Cognate Two-Component System. <i>Infection and Immunity</i> , <b>2021</b> , 89,	3.7	3
40	Hearing loss prevalence and years lived with disability, 1990-2019: findings from the Global Burden of Disease Study 2019. <i>Lancet, The</i> , <b>2021</b> , 397, 996-1009	40	82
39	Spatial, temporal, and demographic patterns in prevalence of chewing tobacco use in 204 countries and territories, 1990-2019: a systematic analysis from the Global Burden of Disease Study 2019. <i>Lancet Public Health, The</i> , <b>2021</b> , 6, e482-e499	22.4	11
38	RNA-seq and miRNA-seq data from pharmacological inhibition of the G9a/GLP histone methyltransferase complex with UNC0642 in SAMP8 mice. <i>Data in Brief</i> , <b>2021</b> , 36, 107114	1.2	
37	G protein-coupled receptors as candidates for modulation and activation of the chemical senses in decapod crustaceans. <i>PLoS ONE</i> , <b>2021</b> , 16, e0252066	3.7	1
36	Subnational mapping of HIV incidence and mortality among individuals aged 15-49 years in sub-Saharan Africa, 2000-18: a modelling study. <i>Lancet HIV,the</i> , <b>2021</b> , 8, e363-e375	7.8	10
35	Current clinical trials and patent update on lung cancer: a retrospective review. <i>Lung Cancer Management</i> , <b>2021</b> , 10, LMT45	2.6	
34	Spatial, temporal, and demographic patterns in prevalence of smoking tobacco use and attributable disease burden in 204 countries and territories, 1990-2019: a systematic analysis from the Global Burden of Disease Study 2019. <i>Lancet, The</i> , <b>2021</b> , 397, 2337-2360	40	97
33	Causes of blindness and vision impairment in 2020 and trends over 30 years, and prevalence of avoidable blindness in relation to VISION 2020: the Right to Sight: an analysis for the Global Burden of Disease Study. <i>The Lancet Global Health</i> , <b>2021</b> , 9, e144-e160	13.6	253
32	Sustainable Solutions for Overcoming Transportation and Pollution Problems in Smart Cities. <i>Advances in Sustainability Science and Technology</i> , <b>2021</b> , 65-73		
31	LinkedImm: a linked data graph database for integrating immunological data. <i>BMC Bioinformatics</i> , <b>2021</b> , 22, 105	3.6	0
30	Common cancer biomarkers of breast and ovarian types identified through artificial intelligence. <i>Chemical Biology and Drug Design</i> , <b>2020</b> , 96, 995-1004	2.9	3
29	Comparison of transcriptomes from two chemosensory organs in four decapod crustaceans reveals hundreds of candidate chemoreceptor proteins. <i>PLoS ONE</i> , <b>2020</b> , 15, e0230266	3.7	17
28	Clustering Reveals Common Check-Point and Growth Factor Receptor Genes Expressed in Six Different Cancer Types. <i>Lecture Notes in Computer Science</i> , <b>2020</b> , 581-589	0.9	
27	Effects of temperature on COVID-19 transmission <b>2020</b> ,		12
26	Hemoglobin stimulates vigorous growth of <i>Streptococcus pneumoniae</i> and shapes the pathogen's global transcriptome. <i>Scientific Reports</i> , <b>2020</b> , 10, 15202	4.9	5

25	A Six-Gene-Based Prognostic Model Predicts Survival in Head and Neck Squamous Cell Carcinoma Patients. <i>Journal of Maxillofacial and Oral Surgery</i> , <b>2019</b> , 18, 320-327	0.9	1
24	Delineating the Plausible Molecular Vaccine Candidates and Drug Targets of Multidrug-Resistant. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2019</b> , 9, 203	5.9	11
23	Web-Based Application for Accurately Classifying Cancer Type from Microarray Gene Expression Data Using a Support Vector Machine (SVM) Learning Algorithm. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 149-154	0.9	2
22	Structural studies of antiviral inhibitor with HIV-1 protease bearing drug resistant substitutions of V32I, I47V and V82I. <i>Biochemical and Biophysical Research Communications</i> , <b>2019</b> , 514, 974-978	3.4	9
21	Current clinical trials update on HIV/AIDS: a systematic review. <i>HIV and AIDS Review</i> , <b>2019</b> , 18, 79-84	0.3	0
20	In Silico Approaches for Unearthing Bacterial Quorum-Sensing Inhibitors Against Pathogenic Bacteria <b>2019</b> , 67-83		1
19	Developing a DEVS-JAVA Model to Simulate and Pre-test Changes to Emergency Care Delivery in a Safe and Efficient Manner. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 3-14	0.9	1
18	Precision medicine and future of cancer treatment. <i>Precision Cancer Medicine</i> , <b>2019</b> , 2, 33-33	1	6
17	Spermine and oxacillin stress response on the cell wall synthesis and the global gene expression analysis in Methicillin-resistance Staphylococcus aureus. <i>Genes and Genomics</i> , <b>2019</b> , 41, 43-59	2.1	
16	Curcumin in combination with anti-cancer drugs: A nanomedicine review. <i>Pharmacological Research</i> , <b>2019</b> , 139, 91-105	10.2	72
15	A side-effect free method for identifying cancer drug targets. <i>Scientific Reports</i> , <b>2018</b> , 8, 6669	4.9	13
14	Anthropogenic Activities Induce Depletion in Microbial Communities at Urban Sites of the River Ganges. <i>Current Microbiology</i> , <b>2018</b> , 75, 79-83	2.4	32
13	Identification of the Indispensable Quorum Sensing Proteins of Multidrug Resistant. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2018</b> , 8, 269	5.9	12
12	RodentSQL: a software suite for colony management of animal protocols. <i>Future Science OA</i> , <b>2018</b> , 4, FSO330	2.7	1
11	Transcriptomic data for analyzing global gene expression patterns in Methicillin-resistance in response to spermine and oxacillin stress. <i>Data in Brief</i> , <b>2018</b> , 21, 2230-2236	1.2	0
10	Quorum sensing: An imperative longevity weapon in bacteria. <i>African Journal of Microbiology Research</i> , <b>2018</b> , 12, 96-104	0.5	8
9	Analysis of drug resistance in HIV protease. <i>BMC Bioinformatics</i> , <b>2018</b> , 19, 362	3.6	9
8	Online electronic laboratory notebook: A secured cloud storage system scripted in Hypertext Pre-processor (PHP) programming language. <i>Journal of Engineering and Technology Research</i> , <b>2018</b> , 10, 1-6	0.2	

7	Computational Identification of Indispensable Virulence Proteins of Salmonella Typhi CT18 <b>2017</b> ,		5
6	A centrosome clustering protein, KIFC1, predicts aggressive disease course in serous ovarian adenocarcinomas. <i>Journal of Ovarian Research</i> , <b>2016</b> , 9, 17	5.5	33
5	Evaluation of centrosome clustering protein KIFC1 as a potential prognostic biomarker in serous ovarian adenocarcinomas.. <i>Journal of Clinical Oncology</i> , <b>2016</b> , 34, e17083-e17083	2.2	3
4	KIFCI, a novel putative prognostic biomarker for ovarian adenocarcinomas: delineating protein interaction networks and signaling circuitries. <i>Journal of Ovarian Research</i> , <b>2014</b> , 7, 53	5.5	30
3	Interactome analyses of Salmonella pathogenicity islands reveal SicA indispensable for virulence. <i>Journal of Theoretical Biology</i> , <b>2014</b> , 363, 188-97	2.3	18
2	Identifying indispensable proteins of the type III secretion systems of Salmonella enterica serovar Typhimurium strain LT2. <i>BMC Bioinformatics</i> , <b>2012</b> , 13,	3.6	6
1	Statistical analysis of microarray gene expression data from a mouse model of toxoplasmosis. <i>BMC Bioinformatics</i> , <b>2011</b> , 12,	3.6	4