

# Yasir Suhail

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

1,510  
citations

933447

10  
h-index

713466

21  
g-index

33  
all docs

33  
docs citations

33  
times ranked

2960  
citing authors

#	ARTICLE	IF	CITATIONS
1	E-cadherin is required for metastasis in multiple models of breast cancer. <i>Nature</i> , 2019, 573, 439-444.	27.8	544
2	Systems Biology of Cancer Metastasis. <i>Cell Systems</i> , 2019, 9, 109-127.	6.2	233
3	Single-cell connectomic analysis of adult mammalian lungs. <i>Science Advances</i> , 2019, 5, eaaw3851.	10.3	156
4	A Scalable Wavelet Transform VLSI Architecture for Real-Time Signal Processing in High-Density Intra-Cortical Implants. <i>IEEE Transactions on Circuits and Systems Part 1: Regular Papers</i> , 2007, 54, 1266-1278.	0.1	104
5	Functional dissection of lysine deacetylases reveals that HDAC1 and p300 regulate AMPK. <i>Nature</i> , 2012, 482, 251-255.	27.8	87
6	Finding friends and enemies in an enemies-only network: A graph diffusion kernel for predicting novel genetic interactions and co-complex membership from yeast genetic interactions. <i>Genome Research</i> , 2008, 18, 1991-2004.	5.5	80
7	Molecular and systems approaches towards drought-tolerant canola crops. <i>New Phytologist</i> , 2016, 210, 1169-1189.	7.3	70
8	Genetically encoded molecules for inducibly inactivating CaV channels. <i>Nature Chemical Biology</i> , 2007, 3, 795-804.	8.0	53
9	Machine Learning for the Diagnosis of Orthodontic Extractions: A Computational Analysis Using Ensemble Learning. <i>Bioengineering</i> , 2020, 7, 55.	3.5	37
10	Dynamic secretome of bone marrow-derived stromal cells reveals a cardioprotective biochemical cocktail. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 14374-14383.	7.1	22
11	A reduced complexity integer lifting wavelet-based module for real-time processing in implantable neural interface devices. , 2004, 2004, 4552-5.		12
12	Diversity in cancer invasion phenotypes indicates specific stroma regulated programs. <i>Human Cell</i> , 2021, 34, 111-121.	2.7	11
13	Incorporating and addressing testing bias within estimates of epidemic dynamics for SARS-CoV-2. <i>BMC Medical Research Methodology</i> , 2021, 21, 11.	3.1	11
14	Modeling Intercellular Transfer of Biomolecules Through Tunneling Nanotubes. <i>Bulletin of Mathematical Biology</i> , 2013, 75, 1400-1416.	1.9	10
15	Evolved Resistance to Placental Invasion Secondarily Confers Increased Survival in Melanoma Patients. <i>Journal of Clinical Medicine</i> , 2021, 10, 595.	2.4	8
16	Tracing the cis-regulatory changes underlying the endometrial control of placental invasion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	8
17	Design Optimization of Integer Lifting DWT Circuitry for Implantable Neuroprosthetics. , 0, , .		7
18	Control of the interface between heterotypic cell populations reveals the mechanism of intercellular transfer of signaling proteins. <i>Integrative Biology (United Kingdom)</i> , 2015, 7, 364-372.	1.3	7

#	ARTICLE	IF	CITATIONS
19	Scaffold Architecture and Matrix Strain Modulate Mesenchymal Cell and Microvascular Growth and Development in a Time Dependent Manner. Cellular and Molecular Bioengineering, 2020, 13, 507-526.	2.1	7
20	Metastatic Transition of Pancreatic Ductal Cell Adenocarcinoma Is Accompanied by the Emergence of Pro-Invasive Cancer-Associated Fibroblasts. Cancers, 2022, 14, 2197.	3.7	7
21	Identifying neuronal assemblies with local and global connectivity with scale space spectral clustering. Neurocomputing, 2007, 70, 1728-1734.	5.9	6
22	Multiresolution Bayesian Detection of Multiunit Extracellular Spike Waveforms in Multichannel Neuronal Recordings. , 2005, 2006, 141-4.		4
23	A Scalable Architecture for Streaming Neural Information from Implantable Multichannel Neuroprosthetic Devices. , 0, , .		4
24	Augmenting Real-Time DSP in Implantable High-Density Neuroprosthetic Devices. , 0, , .		4
25	Artificial Intelligence for radiographic image analysis. Seminars in Orthodontics, 2021, 27, 109-120.	1.4	4
26	B-Spline vs. Lifting Architecture for Neuroprosthetic Devices. , 2006, , .		3
27	A Mixture Model for Spike Train Ensemble Analysis Using Spectral Clustering. , 0, , .		1
28	Augmenting Information Channels in Hearing Aids and Cochlear Implants Under Adverse Conditions. , 0, , .		1
29	Scale-Space Processing and Clustering for Efficient Multi-Electrode Data Analysis of Large-size Neuronal Ensembles. , 0, , .		0