Yasir Suhail

List of Publications by Year
in descending order

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	Tracing the cis-regulatory changes underlying the endometrial control of placental invasion. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	8
2	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
3	Diversity in cancer invasion phenotypes indicates specific stroma regulated programs. Human Cell, 2021, 34, 111-121.	2.7	11
4	Incorporating and addressing testing bias within estimates of epidemic dynamics for SARS-CoV-2. BMC Medical Research Methodology, 2021, 21, 11.	3.1	11
5	Evolved Resistance to Placental Invasion Secondarily Confers Increased Survival in Melanoma Patients. Journal of Clinical Medicine, 2021, 10, 595.	2.4	8
6	Artificial Intelligence for radiographic image analysis. Seminars in Orthodontics, 2021, 27, 109-120.	1.4	4
7	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
8	Machine Learning for the Diagnosis of Orthodontic Extractions: A Computational Analysis Using Ensemble Learning. Bioengineering, 2020, 7, 55.	3.5	37
9	Systems Biology of Cancer Metastasis. Cell Systems, 2019, 9, 109-127.	6.2	233
10	E-cadherin is required for metastasis in multiple models of breast cancer. Nature, 2019, 573, 439-444.	27.8	544
11	Dynamic secretome of bone marrow-derived stromal cells reveals a cardioprotective biochemical cocktail. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 14374-14383.	7.1	22
12	Single-cell connectomic analysis of adult mammalian lungs. Science Advances, 2019, 5, eaaw3851.	10.3	156
13	Molecular and systems approaches towards drought‑tolerant canola crops. New Phytologist, 2016, 210, 1169-1189.	7.3	70
14	Control of the interface between heterotypic cell populations reveals the mechanism of intercellular transfer of signaling proteins. Integrative Biology (United Kingdom), 2015, 7, 364-372.	1.3	7
15	Modeling Intercellular Transfer of Biomolecules Through Tunneling Nanotubes. Bulletin of Mathematical Biology, 2013, 75, 1400-1416.	1.9	10
16	Functional dissection of lysine deacetylases reveals that HDAC1 and p300 regulate AMPK. Nature, 2012, 482, 251-255.	27.8	87
17	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. Genome Research, 2008, 18, 1991-2004.	5.5	80
18	A Scalable Wavelet Transform VLSI Architecture for Real-Time Signal Processing in High-Density Intra-Cortical Implants. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 2007, 54, 1266-1278.	0.1	104

#	ARTICLE	IF	CITATIONS
19	Genetically encoded molecules for inducibly inactivating CaV channels. Nature Chemical Biology, 2007, 3, 795-804.	8.0	53
20	Identifying neuronal assemblies with local and global connectivity with scale space spectral clustering. Neurocomputing, 2007, 70, 1728-1734.	5.9	6
21	B-Spline vs. Lifting Architecture for Neuroprosthetic Devices. , 2006, , .		3
22	Multiresolution Bayesian Detection of Multiunit Extracellular Spike Waveforms in Multichannel Neuronal Recordings. , 2005, 2006, 141-4.		4
23	A reduced complexity integer lifting wavelet-based module for real-time processing in implantable neural interface devices. , 2004, 2004, 4552-5.		12
24	Design Optimization of Integer Lifting DWT Circuitry for Implantable Neuroprosthetics. , 0, , .		7
25	A Scalable Architecture for Streaming Neural Information from Implantable Multichannel Neuroprosthetic Devices. , 0, , .		4
26	Scale-Space Processing and Clustering for Efficient Multi-Electrode Data Analysis of Large-size Neuronal Ensembles. , 0, , .		0
27	Augmenting Real-Time DSP in Implantable High-Density Neuroprosthetic Devices. , 0, , .		4
28	A Mixture Model for Spike Train Ensemble Analysis Using Spectral Clustering. , 0, , .		1
29	Augmenting Information Channels in Hearing Aids and Cochlear Implants Under Adverse Conditions. , 0, , .		1