Konstantinos Sidiropoulos

List of Publications by Year
in descending order

23 papers	9,831 citations	840776 11 h-index	794594 19 g-index
24 all docs	24 docs citations	24 times ranked	20584 citing authors

#	Article	IF	Citations
1	The reactome pathway knowledgebase 2022. Nucleic Acids Research, 2022, 50, D687-D692.	14.5	924
2	The reactome pathway knowledgebase. Nucleic Acids Research, 2020, 48, D498-D503.	14.5	1,570
3	ReactomeGSA - Efficient Multi-Omics Comparative Pathway Analysis. Molecular and Cellular Proteomics, 2020, 19, 2115-2125.	3.8	145
4	Reactome and ORCID—fine-grained credit attribution for community curation. Database: the Journal of Biological Databases and Curation, 2019, 2019, .	3.0	12
5	Reactome diagram viewer: data structures and strategies to boost performance. Bioinformatics, 2018, 34, 1208-1214.	4.1	121
6	The Reactome Pathway Knowledgebase. Nucleic Acids Research, 2018, 46, D649-D655.	14.5	2,388
7	Reactome graph database: Efficient access to complex pathway data. PLoS Computational Biology, 2018, 14, e1005968.	3.2	202
8	Open Targets: a platform for therapeutic target identification and validation. Nucleic Acids Research, 2017, 45, D985-D994.	14.5	355
9	Reactome enhanced pathway visualization. Bioinformatics, 2017, 33, 3461-3467.	4.1	140
10	Reactome pathway analysis: a high-performance in-memory approach. BMC Bioinformatics, 2017, 18, 142.	2.6	600
11	The Reactome pathway Knowledgebase. Nucleic Acids Research, 2016, 44, D481-D487.	14.5	3,319
12	Microscopy image analysis of p63 immunohistochemically stained laryngeal cancer lesions for predicting patient 5-year survival. European Archives of Oto-Rhino-Laryngology, 2016, 273, 159-168.	1.6	10
13	AN ENSEMBLE TEMPLATE MATCHING AND CONTENT-BASED IMAGE RETRIEVAL SCHEME TOWARDS EARLY STAGE DETECTION OF MELANOMA. Image Analysis and Stereology, 2016, 35, 137.	0.9	2
14	Design of a decision support system, trained on GPU, for assisting melanoma diagnosis in dermatoscopy images. Journal of Physics: Conference Series, 2015, 633, 012079.	0.4	3
15	A pattern recognition system for prostate mass spectra discrimination based on the CUDA parallel programming model. Journal of Physics: Conference Series, 2014, 490, 012144.	0.4	0
16	A GPU-based computer-assisted microscopy system for assessing the importance of different families of histological characteristics in cancer diagnosis. , 2014, , .		1
17	Pattern-recognition system, designed on GPU, for discriminating between injured normal and pathological knee cartilage. Magnetic Resonance Imaging, 2013, 31, 761-770.	1.8	1
18	Designing a pattern recognition system on GPU for discriminating between patients with micro-ischaemic and multiple sclerosis lesions, using MRI images. International Journal of High Performance Computing Applications, 2013, 27, 348-359.	3.7	0

#	Article	IF	Citations
19	Computer-based image analysis system designed to differentiate between low-grade and high-grade laryngeal cancer cases. Analytical and Quantitative Cytopathology and Histopathology, 2013, 35, 261-72.	0.2	2
20	Real time decision support system for diagnosis of rare cancers, trained in parallel, on a graphics processing unit. Computers in Biology and Medicine, 2012, 42, 376-386.	7.0	20
21	Infusing Image Processing Capabilities into an RFID-Based Personal Mobile Medical Assistant. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2012, , 143-149.	0.3	0
22	Development and evaluation of a PDA-based teleradiology terminal in thyroid nodule diagnosis. Journal of Telemedicine and Telecare, 2010, 16, 232-236.	2.7	6
23	Remote monitoring of electromagnetic signals and seismic events using smart mobile devices. Computers and Geosciences, 2009, 35, 1296-1303.	4.2	6