

# Konstantinos Sidiropoulos

## List of Publications by Year in descending order

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Version: 2024-02-01

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. <i>Nucleic Acids Research</i> , 2016, 44, D481-D487.	14.5	3,319
2	The Reactome Pathway Knowledgebase. <i>Nucleic Acids Research</i> , 2018, 46, D649-D655.	14.5	2,388
3	The reactome pathway knowledgebase. <i>Nucleic Acids Research</i> , 2020, 48, D498-D503.	14.5	1,570
4	The reactome pathway knowledgebase 2022. <i>Nucleic Acids Research</i> , 2022, 50, D687-D692.	14.5	924
5	Reactome pathway analysis: a high-performance in-memory approach. <i>BMC Bioinformatics</i> , 2017, 18, 142.	2.6	600
6	Open Targets: a platform for therapeutic target identification and validation. <i>Nucleic Acids Research</i> , 2017, 45, D985-D994.	14.5	355
7	Reactome graph database: Efficient access to complex pathway data. <i>PLoS Computational Biology</i> , 2018, 14, e1005968.	3.2	202
8	ReactomeGSA - Efficient Multi-Omics Comparative Pathway Analysis. <i>Molecular and Cellular Proteomics</i> , 2020, 19, 2115-2125.	3.8	145
9	Reactome enhanced pathway visualization. <i>Bioinformatics</i> , 2017, 33, 3461-3467.	4.1	140
10	Reactome diagram viewer: data structures and strategies to boost performance. <i>Bioinformatics</i> , 2018, 34, 1208-1214.	4.1	121
11	Real time decision support system for diagnosis of rare cancers, trained in parallel, on a graphics processing unit. <i>Computers in Biology and Medicine</i> , 2012, 42, 376-386.	7.0	20
12	Reactome and ORCIDâ€™ fine-grained credit attribution for community curation. <i>Database: the Journal of Biological Databases and Curation</i> , 2019, 2019, .	3.0	12
13	Microscopy image analysis of p63 immunohistochemically stained laryngeal cancer lesions for predicting patient 5-year survival. <i>European Archives of Oto-Rhino-Laryngology</i> , 2016, 273, 159-168.	1.6	10
14	Remote monitoring of electromagnetic signals and seismic events using smart mobile devices. <i>Computers and Geosciences</i> , 2009, 35, 1296-1303.	4.2	6
15	Development and evaluation of a PDA-based teleradiology terminal in thyroid nodule diagnosis. <i>Journal of Telemedicine and Telecare</i> , 2010, 16, 232-236.	2.7	6
16	Design of a decision support system, trained on GPU, for assisting melanoma diagnosis in dermatoscopy images. <i>Journal of Physics: Conference Series</i> , 2015, 633, 012079.	0.4	3
17	AN ENSEMBLE TEMPLATE MATCHING AND CONTENT-BASED IMAGE RETRIEVAL SCHEME TOWARDS EARLY STAGE DETECTION OF MELANOMA. <i>Image Analysis and Stereology</i> , 2016, 35, 137.	0.9	2
18	Computer-based image analysis system designed to differentiate between low-grade and high-grade laryngeal cancer cases. <i>Analytical and Quantitative Cytopathology and Histopathology</i> , 2013, 35, 261-72.	0.2	2

#	ARTICLE	IF	CITATIONS
19	Pattern-recognition system, designed on GPU, for discriminating between injured normal and pathological knee cartilage. <i>Magnetic Resonance Imaging</i> , 2013, 31, 761-770.	1.8	1
20	A GPU-based computer-assisted microscopy system for assessing the importance of different families of histological characteristics in cancer diagnosis. , 2014, , .		1
21	Designing a pattern recognition system on GPU for discriminating between patients with micro-ischaemic and multiple sclerosis lesions, using MRI images. <i>International Journal of High Performance Computing Applications</i> , 2013, 27, 348-359.	3.7	0
22	A pattern recognition system for prostate mass spectra discrimination based on the CUDA parallel programming model. <i>Journal of Physics: Conference Series</i> , 2014, 490, 012144.	0.4	0
23	Infusing Image Processing Capabilities into an RFID-Based Personal Mobile Medical Assistant. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2012, , 143-149.	0.3	0