Sabri Boughorbel

List of Publications by Year
in descending order

38 papers	1,217 citations	1040056 9 h-index	501196 28 g-index
46 all docs	46 docs citations	46 times ranked	2140 citing authors

#	Article	IF	Citations
1	Optimal classifier for imbalanced data using Matthews Correlation Coefficient metric. PLoS ONE, 2017, 12, e0177678.	2.5	841
2	Inherited human IRAK-1 deficiency selectively impairs TLR signaling in fibroblasts. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E514-E523.	7.1	49
3	Eye localization in low and standard definition content with application to face matching. Computer Vision and Image Understanding, 2009, 113, 921-933.	4.7	34
4	Model Comparison for Breast Cancer Prognosis Based on Clinical Data. PLoS ONE, 2016, 11, e0146413.	2.5	34
5	Long-Chain Acyl-CoA Synthetase 1 Role in Sepsis and Immunity: Perspectives From a Parallel Review of Public Transcriptome Datasets and of the Literature. Frontiers in Immunology, 2019, 10, 2410.	4.8	33
6	A curated compendium of monocyte transcriptome datasets of relevance to human monocyte immunobiology research. F1000Research, 2016, 5, 291.	1.6	20
7	Privacy-Preserving Analysis of Distributed Biomedical Data: Designing Efficient and Secure Multiparty Computations Using Distributed Statistical Learning Theory. JMIR Medical Informatics, 2019, 7, e12702.	2.6	20
8	A collection of annotated and harmonized human breast cancer transcriptome datasets, including immunologic classification. F1000Research, 2017, 6, 296.	1.6	14
9	A collection of annotated and harmonized human breast cancer transcriptome datasets, including immunologic classification. F1000Research, 2017, 6, 296.	1.6	14
10	A curated transcriptome dataset collection to investigate the development and differentiation of the human placenta and its associated pathologies. F1000Research, 2016, 5, 305.	1.6	12
11	A curated transcriptome dataset collection to investigate the functional programming of human hematopoietic cells in early life. F1000Research, 2016, 5, 414.	1.6	12
12	Child-activity recognition from multi-sensor data. , 2010, , .		10
13	A curated transcriptome dataset collection to investigate the immunobiology of HIV infection. F1000Research, 2016, 5, 327.	1.6	10
14	A curated transcriptome dataset collection to investigate the development and differentiation of the human placenta and its associated pathologies. F1000Research, 2016, 5, 305.	1.6	10
15	A curated transcriptome dataset collection to investigate the blood transcriptional response to viral respiratory tract infection and vaccination.. F1000Research, 2019, 8, 284.	1.6	9
16	PredictPTB: an interpretable preterm birth prediction model using attention-based recurrent neural networks. BioData Mining, 2022, 15, 6.	4.0	9
17	Baby-Posture Classification from Pressure-Sensor Data. , 2010, , .		8
18	The GCS Kernel for SVM-Based Image Recognition. Lecture Notes in Computer Science, 2005, , 595-600.	1.3	7

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19	Online training of object detectors from unlabeled surveillance video. , 2008, , .		7
20	ÂA curated transcriptomic dataset collection relevant to embryonic development associated with in vitro fertilization in healthy individuals and patients with polycystic ovary syndrome. F1000Research, 2017, 6, 181.	1.6	7
21	Predicting emergency department utilization among children with asthma using deep learning models. Healthcare Analytics, 2022, 2, 100050.	4.3	7
22	The role of alternative Polyadenylation in regulation of rhythmic gene expression. BMC Genomics, 2017, 18, 576.	2.8	6
23	A step loss function based SVM classifier for binary classification. Procedia Computer Science, 2018, 141, 9-15.	2.0	5
24	Transcriptomic profile investigations highlight a putative role for NUDT16 in sepsis. Journal of Cellular and Molecular Medicine, 2022, 26, 1714-1721.	3.6	5
25	On the choice of similarity measures for image retrieval by example. , 2002, , .		4
26	The LCCP for Optimizing Kernel Parameters for SVM. Lecture Notes in Computer Science, 2005, , 589-594.	1.3	4
27	A curated collection of transcriptome datasets to investigate the molecular mechanisms of immunoglobulin E-mediated atopic diseases. Database: the Journal of Biological Databases and Curation, 2019, 2019, .	3.0	4
28	A compendium of monocyte transcriptome datasets to foster biomedical knowledge discovery. F1000Research, 2016, 5, 291.	1.6	4
29	A curated transcriptome dataset collection to investigate inborn errors of immunity. F1000Research, 2019, 8, 188.	1.6	3
30	SysInflam HuDB, a Web Resource for Mining Human Blood Cells Transcriptomic Data Associated with Systemic Inflammatory Responses to Sepsis. Journal of Immunology, 2021, 207, 2195-2202.	0.8	3
31	A curated transcriptome dataset collection to investigate inborn errors of immunity. F1000Research, 2019, 8, 188.	1.6	3
32	Accurate eye localization in low and standard definition content. , 2008, , .		2
33	DASSI: differential architecture search for splice identification from DNA sequences. BioData Mining, 2021, 14, 15.	4.0	2
34	Person-based search in videos. , 2007, , .		1
35	Mapping the Road of Gvhd and GVT: A Longitudinal Study of Immune-Transcriptome Signatures As Novel Approach to Solve Post-Allogeneic Hematopoietic Cell Transplantation Dilemmas. Blood, 2019, 134, 4550-4550.	1.4	1
36	Differential Architecture Search in Deep Learning for Genomic Applications. , 2019, , .		0

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37	A Web-Based Systems Immunology Toolkit Allows the Visualization and Analysis of Public Collective Data to Decipher Immunity in Early Life. , 2016, , .		0
38	Big Data as the Foundation of a Novel Training Platform for Biomedical Researchers in Qatar. , 2016, , .		0