

Wei Fan

List of Publications by Year in descending order

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49
papers

3,223
citations

393982

19
h-index

476904

29
g-index

49
all docs

49
docs citations

49
times ranked

3275
citing authors

#	ARTICLE	IF	CITATIONS
1	AnatomyNet: Deep learning for fast and fully automated whole-volume segmentation of head and neck anatomy. <i>Medical Physics</i> , 2019, 46, 576-589.	1.6	353
2	Resolving conflicts in heterogeneous data by truth discovery and source reliability estimation. , 2014, , .		316
3	A Survey on Truth Discovery. <i>SIGKDD Explorations: Newsletter of the Special Interest Group (SIG) on Knowledge Discovery & Data Mining</i> , 2016, 17, 1-16.	3.2	280
4	A confidence-aware approach for truth discovery on long-tail data. <i>Proceedings of the VLDB Endowment</i> , 2014, 8, 425-436.	2.1	246
5	DeepLung: Deep 3D Dual Path Nets for Automated Pulmonary Nodule Detection and Classification. , 2018, , .		229
6	Knowledge transfer via multiple model local structure mapping. , 2008, , .		226
7	Toward cost-sensitive modeling for intrusion detection and response. <i>Journal of Computer Security</i> , 2002, 10, 5-22.	0.5	200
8	Transfer Learning on Heterogenous Feature Spaces via Spectral Transformation. , 2010, , .		122
9	On the Discovery of Evolving Truth. , 2015, 2015, 675-684.		108
10	Cross domain distribution adaptation via kernel mapping. , 2009, , .		89
11	Direct mining of discriminative and essential frequent patterns via model-based search tree. , 2008, , .		83
12	Conflicts to Harmony: A Framework for Resolving Conflicts in Heterogeneous Data by Truth Discovery. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2016, 28, 1986-1999.	4.0	78
13	Second-generation aptamer-conjugated PSMA-targeted delivery system for prostate cancer therapy. <i>International Journal of Nanomedicine</i> , 2011, 6, 1747.	3.3	73
14	Data mining-based intrusion detectors. <i>SIGMOD Record</i> , 2001, 30, 5-14.	0.7	65
15	RS-Forest: A Rapid Density Estimator for Streaming Anomaly Detection. , 2014, 2014, 600-609.		61
16	Efficient delivery of micro RNA to bone-metastatic prostate tumors by using aptamer-conjugated atelocollagen <i>in vitro</i> and <i>in vivo</i> . <i>Drug Delivery</i> , 2016, 23, 864-871.	2.5	60
17	Shape-Aware Organ Segmentation by Predicting Signed Distance Maps. <i>Proceedings of the AAAI Conference on Artificial Intelligence</i> , 2020, 34, 12565-12572.	3.6	60
18	Forecasting skewed biased stochastic ozone days: analyses, solutions and beyond. <i>Knowledge and Information Systems</i> , 2008, 14, 299-326.	2.1	55

#	ARTICLE	IF	CITATIONS
19	Alu distribution and mutation types of cancer genes. BMC Genomics, 2011, 12, 157.	1.2	39
20	miRNA-mRNA Correlation-Network Modules in Human Prostate Cancer and the Differences between Primary and Metastatic Tumor Subtypes. PLoS ONE, 2012, 7, e40130.	1.1	38
21	Heterogeneous source consensus learning via decision propagation and negotiation. , 2009, , .		35
22	Anti-DR5 monoclonal antibody-mediated DTIC-loaded nanoparticles combining chemotherapy and immunotherapy for malignant melanoma: target formulation development and in vitro anticancer activity. International Journal of Nanomedicine, 2011, 6, 1991.	3.3	35
23	Truth discovery and crowdsourcing aggregation. Proceedings of the VLDB Endowment, 2015, 8, 2048-2049.	2.1	33
24	Reverse testing. , 2006, , .		26
25	Degradable gene delivery systems based on Pluronics-modified low-molecular-weight polyethylenimine: preparation, characterization, intracellular trafficking, and cellular distribution. International Journal of Nanomedicine, 2012, 7, 1127.	3.3	26
26	Thioaptamer-conjugated CD44-targeted delivery system for the treatment of breast cancer <i>in vitro</i> and <i>in vivo</i>. Journal of Drug Targeting, 2016, 24, 359-371.	2.1	26
27	Heterogeneous cross domain ranking in latent space. , 2009, , .		24
28	Peptide-Mediated Tumor Targeting by a Degradable Nano Gene Delivery Vector Based on Pluronic-Modified Polyethylenimine. Nanoscale Research Letters, 2016, 11, 122.	3.1	24
29	Degradable polyethylenimine derivate coupled to a bifunctional peptide R13 as a new gene-delivery vector. International Journal of Nanomedicine, 2012, 7, 1149.	3.3	23
30	Reliable Medical Diagnosis from Crowdsourcing. , 2017, , .		21
31	Iterative sampling based frequent itemset mining for big data. International Journal of Machine Learning and Cybernetics, 2015, 6, 875-882.	2.3	19
32	Latent space domain transfer between high dimensional overlapping distributions. , 2009, , .		18
33	Classifying Imbalanced Data Streams via Dynamic Feature Group Weighting with Importance Sampling. , 2014, 2014, 722-730.		16
34	OceanRT. , 2014, , .		16
35	Study on the prostate cancer-targeting mechanism of aptamer-modified nanoparticles and their potential anticancer effect in vivo. International Journal of Nanomedicine, 2014, 9, 5431.	3.3	13
36	svdPPCS: an effective singular value decomposition-based method for conserved and divergent co-expression gene module identification. BMC Bioinformatics, 2010, 11, 338.	1.2	12

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37	Object-Guided Instance Segmentation With Auxiliary Feature Refinement for Biological Images. IEEE Transactions on Medical Imaging, 2021, 40, 2403-2414.	5.4	11
38	Test-Time Training for Deformable Multi-Scale Image Registration. , 2021, , .		11
39	Query-dependent cross-domain ranking in heterogeneous network. Knowledge and Information Systems, 2013, 34, 109-145.	2.1	9
40	Object-Guided Instance Segmentation for Biological Images. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 12677-12684.	3.6	9
41	MedTruth. , 2019, , .		8
42	Design and implementation of a real-time interactive analytics system for large spatio-temporal data. Proceedings of the VLDB Endowment, 2014, 7, 1754-1759.	2.1	7
43	Breaking the computational barrier: a divide-conquer and aggregate based approach for Alu insertion site characterisation. International Journal of Computational Biology and Drug Design, 2009, 2, 302.	0.3	6
44	Inferring the expression variability of human transposable element-derived exons by linear model analysis of deep RNA sequencing data. BMC Genomics, 2013, 14, 584.	1.2	6
45	Surface modification with pluronic P123 enhances transfection efficiency of PAMAM dendrimer. Macromolecular Research, 2012, 20, 162-167.	1.0	4
46	The modularity and dynamicity of miRNAâ€™mRNA interactions in high-grade serous ovarian carcinomas and the prognostic implication. Computational Biology and Chemistry, 2016, 63, 3-14.	1.1	3
47	Bagging. , 2009, , 206-210.		1
48	Bagging. , 2016, , 1-5.		0
49	Bagging. , 2018, , 258-263.		0