Wei Fan

List of Publications by Year
in descending order

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	Object-Guided Instance Segmentation With Auxiliary Feature Refinement for Biological Images. IEEE Transactions on Medical Imaging, 2021, 40, 2403-2414.	5.4	11
2	Test-Time Training for Deformable Multi-Scale Image Registration. , 2021, , .		11
3	Shape-Aware Organ Segmentation by Predicting Signed Distance Maps. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 12565-12572.	3.6	60
4	Object-Guided Instance Segmentation for Biological Images. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 12677-12684.	3.6	9
5	MedTruth. , 2019, , .		8
6	AnatomyNet: Deep learning for fast and fully automated whole‐volume segmentation of head and neck anatomy. Medical Physics, 2019, 46, 576-589.	1.6	353
7	DeepLung: Deep 3D Dual Path Nets for Automated Pulmonary Nodule Detection and Classification. , 2018, , .		229
8	Bagging. , 2018, , 258-263.		0
9	Reliable Medical Diagnosis from Crowdsourcing. , 2017, , .		21
10	Efficient delivery of micro RNA to bone-metastatic prostate tumors by using aptamer-conjugated atelocollagen *in vitro* and *in vivo*. Drug Delivery, 2016, 23, 864-871.	2.5	60
11	Conflicts to Harmony: A Framework for Resolving Conflicts in Heterogeneous Data by Truth Discovery. IEEE Transactions on Knowledge and Data Engineering, 2016, 28, 1986-1999.	4.0	78
12	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
13	A Survey on Truth Discovery. SIGKDD Explorations: Newsletter of the Special Interest Group (SIG) on Knowledge Discovery & Data Mining, 2016, 17, 1-16.	3.2	280
14	The modularity and dynamicity of miRNA–mRNA interactions in high-grade serous ovarian carcinomas and the prognostic implication. Computational Biology and Chemistry, 2016, 63, 3-14.	1.1	3
15	Thioaptamer-conjugated CD44-targeted delivery system for the treatment of breast cancer *in vitro* and *in vivo*. Journal of Drug Targeting, 2016, 24, 359-371.	2.1	26
16	Bagging. , 2016, , 1-5.		0
17	Iterative sampling based frequent itemset mining for big data. International Journal of Machine Learning and Cybernetics, 2015, 6, 875-882.	2.3	19
18	On the Discovery of Evolving Truth. , 2015, 2015, 675-684.		108

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19	Truth discovery and crowdsourcing aggregation. Proceedings of the VLDB Endowment, 2015, 8, 2048-2049.	2.1	33
20	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
21	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
22	RS-Forest: A Rapid Density Estimator for Streaming Anomaly Detection. , 2014, 2014, 600-609.		61
23	Classifying Imbalanced Data Streams via Dynamic Feature Group Weighting with Importance Sampling. , 2014, 2014, 722-730.		16
24	Resolving conflicts in heterogeneous data by truth discovery and source reliability estimation. , 2014, , .		316
25	A confidence-aware approach for truth discovery on long-tail data. Proceedings of the VLDB Endowment, 2014, 8, 425-436.	2.1	246
26	OceanRT. , 2014, , .		16
27	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
28	Query-dependent cross-domain ranking in heterogeneous network. Knowledge and Information Systems, 2013, 34, 109-145.	2.1	9
29	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
30	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
31	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
32	Surface modification with pluronic P123 enhances transfection efficiency of PAMAM dendrimer. Macromolecular Research, 2012, 20, 162-167.	1.0	4
33	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
34	Alu distribution and mutation types of cancer genes. BMC Genomics, 2011, 12, 157.	1.2	39
35	Second-generation aptamer-conjugated PSMA-targeted delivery system for prostate cancer therapy. International Journal of Nanomedicine, 2011, 6, 1747.	3.3	73
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

#	Article	IF	Citations
37	Transfer Learning on Heterogenous Feature Spaces via Spectral Transformation. , 2010, , .		122
38	Heterogeneous source consensus learning via decision propagation and negotiation. , 2009, , .		35
39	Cross domain distribution adaptation via kernel mapping. , 2009, , .		89
40	Heterogeneous cross domain ranking in latent space. , 2009, , .		24
41	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
42	Latent space domain transfer between high dimensional overlapping distributions. , 2009, , .		18
43	Bagging. , 2009, , 206-210.		1
44	Forecasting skewed biased stochastic ozone days: analyses, solutions and beyond. Knowledge and Information Systems, 2008, 14, 299-326.	2.1	55
45	Knowledge transfer via multiple model local structure mapping. , 2008, , .		226
46	Direct mining of discriminative and essential frequent patterns via model-based search tree. , 2008, , .		83
47	Reverse testing. , 2006, , .		26
48	Toward cost-sensitive modeling for intrusion detection and response. Journal of Computer Security, 2002, 10, 5-22.	0.5	200
49	Data mining-based intrusion detectors. SIGMOD Record, 2001, 30, 5-14.	0.7	65