Stefan Kramer

List of Publications by Year
in descending order

24 papers	688 citations	840776 11 h-index	794594 19 g-index
24 all docs	24 docs citations	24 times ranked	927 citing authors

#	Article	IF	Citations
1	Data Mining and Machine Learning Techniques for the Identification of Mutagenicity Inducing Substructures and Structure Activity Relationships of Noncongeneric Compounds. Journal of Chemical Information and Computer Sciences, 2004, 44, 1402-1411.	2.8	186
2	enviPath â€" The environmental contaminant biotransformation pathway resource. Nucleic Acids Research, 2016, 44, D502-D508.	14.5	126
3	Data-driven extraction of relative reasoning rules to limit combinatorial explosion in biodegradation pathway prediction. Bioinformatics, 2008, 24, 2079-2085.	4.1	55
4	Identification of ELF3 as an early transcriptional regulator of human urothelium. Developmental Biology, 2014, 386, 321-330.	2.0	49
5	Predicting biodegradation products and pathways: a hybrid knowledge- and machine learning-based approach. Bioinformatics, 2010, 26, 814-821.	4.1	46
6	Online multi-label dependency topic models for text classification. Machine Learning, 2018, 107, 859-886.	5.4	39
7	Eawag-Soil in enviPath: a new resource for exploring regulatory pesticide soil biodegradation pathways and half-life data. Environmental Sciences: Processes and Impacts, 2017, 19, 449-464.	3.5	37
8	Knowledge discovery and data mining in toxicology. Statistical Methods in Medical Research, 2000, 9, 329-358.	1.5	33
9	Kernel-Based Inductive Transfer. Lecture Notes in Computer Science, 2008, , 220-233.	1.3	25
10	Filtered circular fingerprints improve either prediction or runtime performance while retaining interpretability. Journal of Cheminformatics, 2016, 8, 60.	6.1	20
11	Predicting a small molecule-kinase interaction map: A machine learning approach. Journal of Cheminformatics, 2011, 3, 22.	6.1	14
12	Three Data Mining Techniques To Improve Lazy Structureâˆ'Activity Relationships for Noncongeneric Compounds. Journal of Chemical Information and Modeling, 2007, 47, 2035-2043.	5.4	9
13	A structural cluster kernel for learning on graphs. , 2012, , .		9
14	Accelerating pattern-based time series classification: a linear time and space string mining approach. Knowledge and Information Systems, 2020, 62, 1113-1141.	3.2	9
15	Machine learning for a combined electroencephalographic anesthesia index to detect awareness under anesthesia. PLoS ONE, 2020, 15, e0238249.	2.5	9
16	Multi-label classification using stacked hierarchical Dirichlet processes with reduced sampling complexity. Knowledge and Information Systems, 2019, 59, 93-115.	3.2	6
17	Pruning Incremental Linear Model Trees with Approximate Lookahead. IEEE Transactions on Knowledge and Data Engineering, 2014, 26, 2072-2076.	5.7	4
18	Data Mining and Machine Learning Techniques for the Identification of Mutagenicity Inducing Substructures and Structureâ€"Activity Relationships of Noncongeneric Compounds.. ChemInform, 2004, 35, no.	0.0	3

#	Article	IF	Citations
19	On the spectrum between binary relevance and classifier chains in multi-label classification. , 2015, , .		2
20	Rule Extraction From Binary Neural Networks With Convolutional Rules for Model Validation. Frontiers in Artificial Intelligence, 2021, 4, 642263.	3.4	2
21	Towards identifying drug side effects from social media using active learning and crowd sourcing. , 2019, , .		2
22	Leveraging Chemical Background Knowledge for the Prediction of Growth Inhibition. , 2006, , .		1
23	The best privacy defense is a good privacy offense: obfuscating a search engine user's profile. Data Mining and Knowledge Discovery, 2017, 31, 1419-1443.	3.7	1
24	Exploring Multi-Objective Optimization for Multi-Label Classifier Ensembles. , 2019, , .		1