

Andr © O Falc £o

List of Publications by Year in descending order

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35
papers

2,185
citations

430874

18
h-index

454955

30
g-index

35
all docs

35
docs citations

35
times ranked

3482
citing authors

#	ARTICLE	IF	CITATIONS
1	Semantic Similarity in Biomedical Ontologies. <i>PLoS Computational Biology</i> , 2009, 5, e1000443.	3.2	627
2	Metrics for GO based protein semantic similarity: a systematic evaluation. <i>BMC Bioinformatics</i> , 2008, 9, S4.	2.6	274
3	Community assessment to advance computational prediction of cancer drug combinations in a pharmacogenomic screen. <i>Nature Communications</i> , 2019, 10, 2674.	12.8	240
4	Predicting human olfactory perception from chemical features of odor molecules. <i>Science</i> , 2017, 355, 820-826.	12.6	194
5	A Bayesian Approach to <i>in Silico</i> Blood-Brain Barrier Penetration Modeling. <i>Journal of Chemical Information and Modeling</i> , 2012, 52, 1686-1697.	5.4	167
6	An automated framework for QSAR model building. <i>Journal of Cheminformatics</i> , 2018, 10, 1.	6.1	114
7	Prediction of human population responses to toxic compounds by a collaborative competition. <i>Nature Biotechnology</i> , 2015, 33, 933-940.	17.5	88
8	Crowdsourced assessment of common genetic contribution to predicting anti-TNF treatment response in rheumatoid arthritis. <i>Nature Communications</i> , 2016, 7, 12460.	12.8	73
9	Random forests for feature selection in QSPR Models - an application for predicting standard enthalpy of formation of hydrocarbons. <i>Journal of Cheminformatics</i> , 2013, 5, 9.	6.1	60
10	Designing decision support tools for Mediterranean forest ecosystems management: a case study in Portugal. <i>Annals of Forest Science</i> , 2005, 62, 751-760.	2.0	37
11	Mining GO Annotations for Improving Annotation Consistency. <i>PLoS ONE</i> , 2012, 7, e40519.	2.5	33
12	Transcriptome meta-analysis reveals common differential and global gene expression profiles in cystic fibrosis and other respiratory disorders and identifies CFTR regulators. <i>Genomics</i> , 2015, 106, 268-277.	2.9	32
13	A real-time visualization tool for forest ecosystem management decision support. <i>Computers and Electronics in Agriculture</i> , 2006, 53, 3-12.	7.7	31
14	Assessing forest management strategies using a contingent valuation approach and advanced visualisation techniques: A Portuguese case study. <i>Journal of Forest Economics</i> , 2011, 17, 399-414.	0.2	23
15	Proteomic interaction profiling reveals KIFC1 as a factor involved in early targeting of F508del-CFTR to degradation. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 4495-4509.	5.4	22
16	Folding Status Is Determinant over Traffic-Competence in Defining CFTR Interactors in the Endoplasmic Reticulum. <i>Cells</i> , 2019, 8, 353.	4.1	21
17	Heuristics in Multi-Objective Forest Management. <i>Managing Forest Ecosystems</i> , 2002, , 119-151.	0.9	19
18	Flexible kernels for RBF networks. <i>Neurocomputing</i> , 2006, 69, 2356-2359.	5.9	19

#	ARTICLE	IF	CITATIONS
19	Analysis and Comparison of Vector Space and Metric Space Representations in QSAR Modeling. <i>Molecules</i> , 2019, 24, 1698.	3.8	17
20	Modeling forest core area with integer programming. <i>Annals of Operations Research</i> , 2011, 190, 41-55.	4.1	16
21	A Decision Support System for Forest Ecosystem Management in Portugal. <i>Managing Forest Ecosystems</i> , 2003, , 155-163.	0.9	16
22	Structural Similarity Based Kriging for Quantitative Structure Activity and Property Relationship Modeling. <i>Journal of Chemical Information and Modeling</i> , 2014, 54, 1833-1849.	5.4	13
23	Noncontiguous Atom Matching Structural Similarity Function. <i>Journal of Chemical Information and Modeling</i> , 2013, 53, 2511-2524.	5.4	9
24	VIRUS. , 2010, , .		7
25	Generating fuzzy rules by learning from olive tree transpiration measurement “ An algorithm to automatize Granier sap flow data analysis. <i>Computers and Electronics in Agriculture</i> , 2014, 101, 1-10.	7.7	7
26	CyFi-MAP: an interactive pathway-based resource for cystic fibrosis. <i>Scientific Reports</i> , 2021, 11, 22223.	3.3	6
27	Enzyme classification with peptide programs: a comparative study. <i>BMC Bioinformatics</i> , 2009, 10, 231.	2.6	5
28	Collaborative development of a semantic wiki on forest management decision support. <i>Scandinavian Journal of Forest Research</i> , 2014, 29, 30-43.	1.4	5
29	Welcoming gesture recognition into autism therapy. , 2014, , .		4
30	Peptide programs. , 2008, , .		2
31	A visual approach for analysis and inference of molecular activity spaces. <i>Journal of Cheminformatics</i> , 2019, 11, 63.	6.1	2
32	Visualization in the Design of Forested Landscapes. <i>Managing Forest Ecosystems</i> , 2008, , 245-263.	0.9	1
33	Strategic Management Scheduling. <i>Managing Forest Ecosystems</i> , 2014, , 171-238.	0.9	1
34	BOLOS. , 2008, , .		0
35	Comparison of Heuristics for Spatially Constrained Natural Resource Management Problems. <i>Managing Forest Ecosystems</i> , 2003, , 269-277.	0.9	0