Philip N Judson

List of Publications by Year in Descending Order

14 papers	285 citations	7 h-index	15 g-index
15 ext. papers	319 ext. citations	3.8 avg, IF	2.84 L-index

#	Paper	IF	Citations
14	Adapting CHMTRN (CHeMistry TRaNslator) for a New Use. *Journal of Chemical Information and Modeling*, **2020**, 60, 3336-3341	6.1	4
13	SAVI, in silico generation of billions of easily synthesizable compounds through expert-system type rules. *Scientific Data*, **2020**, 7, 384	8.2	6
12	Distinguishing between expert and statistical systems for application under ICH M7. *Regulatory Toxicology and Pharmacology*, **2017**, 84, 124-130	3.4	17
11	Establishing Good Computer Modelling Practice (GCMP) in the Prediction of Chemical Toxicity. *Molecular Informatics*, **2015**, 34, 276-83	3.8	5
10	Assessing Confidence in Predictions Using Veracity and Utility - A Case Study on the Prediction of Mammalian Metabolism by Meteor Nexus. *Molecular Informatics*, **2015**, 34, 284-91	3.8	6
9	Assessing confidence in predictions made by knowledge-based systems. *Toxicology Research*, **2013**, 2, 70-79	2.6	30
8	The application of structure-activity relationships to the prediction of the mutagenic activity of chemicals. *Methods in Molecular Biology*, **2012**, 817, 1-19	1.4	2
7	Predicting drug metabolism--an evaluation of the expert system METEOR. *Chemistry and Biodiversity*, **2005**, 2, 872-85	2.5	67
6	Using argumentation for absolute reasoning about the potential toxicity of chemicals. *Journal of Chemical Information and Computer Sciences*, **2003**, 43, 1364-70		44
5	Using absolute and relative reasoning in the prediction of the potential metabolism of xenobiotics. *Journal of Chemical Information and Computer Sciences*, **2003**, 43, 1371-7		64
4	A comprehensive approach to argumentation. *Journal of Chemical Information and Computer Sciences*, **2003**, 43, 1356-63		21
3	Some recent progress in the development of the LHASA computer system for organic synthesis design: Starting-material-oriented retrosynthetic analysis. *Recueil Des Travaux Chimiques Des Pays-Bas*, **1992**, 111, 310-316		14
2	Expert Systems521-543		2
1	Synthetically Accessible Virtual Inventory (SAVI)		2