Pablo R Duchowicz

List of Publications by Year
in descending order

		623734	642732
27 papers	579 citations	14 h-index	23 g-index
27 all docs	27 docs citations	27 times ranked	548 citing authors

#	Article	IF	Citations
1	A new search algorithm for QSPR/QSAR theories: Normal boiling points of some organic molecules. Chemical Physics Letters, 2005, 412, 376-380.	2.6	108
2	Replacement Method and Enhanced Replacement Method Versus the Genetic Algorithm Approach for the Selection of Molecular Descriptors in QSPR/QSAR Theories. Journal of Chemical Information and Modeling, 2010, 50, 1542-1548.	5.4	80
3	Application of the replacement method as a novel variable selection strategy in QSAR. 1. Carcinogenic potential. Chemometrics and Intelligent Laboratory Systems, 2006, 81, 180-187.	3.5	61
4	QSPR studies on refractive indices of structurally heterogeneous polymers. Chemometrics and Intelligent Laboratory Systems, 2015, 140, 86-91.	3.5	50
5	QSAR Study for Carcinogenicity in a Large Set of Organic Compounds. Current Drug Safety, 2012, 7, 282-288.	0.6	33
6	Quantitative structure–property relationship analysis for the retention index of fragrance-like compounds on a polar stationary phase. Journal of Chromatography A, 2015, 1422, 277-288.	3.7	27
7	QSAR on antiproliferative naphthoquinones based on a conformation-independent approach. European Journal of Medicinal Chemistry, 2014, 77, 176-184.	5.5	22
8	The conformation-independent QSPR approach for predicting the oxidation rate constant of water micropollutants. Environmental Science and Pollution Research, 2017, 24, 27366-27375.	5.3	22
9	Conformation-independent quantitative structure-property relationships study on water solubility of pesticides. Ecotoxicology and Environmental Safety, 2019, 171, 47-53.	6.0	21
10	Conformation-Independent QSPR Approach for the Soil Sorption Coefficient of Heterogeneous Compounds. International Journal of Molecular Sciences, 2016, 17, 1247.	4.1	20
11	Quantitative structure–activity relationship (QSAR) analysis of plant-derived compounds with larvicidal activity against Zika <scp><i>Aedes aegypti</i></scp> (Diptera: Culicidae) vector using freely available descriptors. Pest Management Science, 2018, 74, 1608-1615.	3.4	20
12	Linear Regression QSAR Models for Polo-Like Kinase-1 Inhibitors. Cells, 2018, 7, 13.	4.1	19
13	QSAR studies of the antioxidant activity of anthocyanins. Journal of Food Science and Technology, 2019, 56, 5518-5530.	2.8	17
14	QSPR study of the Henry's law constant for heterogeneous compounds. Chemical Engineering Research and Design, 2020, 154, 115-121.	5.6	16
15	The Use of the Index of Ideality of Correlation to Build Up Models for Bioconcentration Factor. Molecular Informatics, 2020, 39, e1900070.	2.5	12
16	Predicting zebrafish (Danio rerio) embryo developmental toxicity through a non-conformational QSAR approach. Science of the Total Environment, 2021, 796, 148820.	8.0	11
17	QSPR/QSAR Analyses by Means of the CORAL Software. Advances in Chemical and Materials Engineering Book Series, 2015, , 560-585.	0.3	10
18	QSAR Study of Biologically Active Essential Oils against Beetles Infesting the Walnut in Catamarca, Argentina. Journal of Agricultural and Food Chemistry, 2018, 66, 12855-12865.	5.2	8

#	ARTICLE	IF	CITATIONS
19	QSAR models for the fumigant activity prediction of essential oils. Journal of Molecular Graphics and Modelling, 2020, 101, 107751.	2.4	8
20	Antiprotozoal QSAR modelling for trypanosomiasis (Chagas disease) based on thiosemicarbazone and thiazole derivatives. Journal of Molecular Graphics and Modelling, 2021, 103, 107821.	2.4	7
21	QSAR Analysis for the Inhibition of the Mutagenic Activity by Anthocyanin Derivatives. International Journal of Quantitative Structure-Property Relationships, 2020, 5, 69-82.	0.5	2
22	Ensemble learning application to discover new trypanothione synthetase inhibitors. Molecular Diversity, 2021, 25, 1361-1373.	3.9	2
23	In Silico Antiprotozoal Evaluation of 1,4-Naphthoquinone Derivatives against Chagas and Leishmaniasis Diseases Using QSAR, Molecular Docking, and ADME Approaches. Pharmaceuticals, 2022, 15, 687.	3.8	2
24	Quantitative Structure-Property Relationship (QSPR) Studies of Alcoholic and Nonalcoholic Beverages, Including Wines, Beers, and Citrus Juices. , 2019, , 65-99.		1
25	QSAR Classification of Anticancer Heterocyclichydrazones With Reactivity Descriptors. International Journal of Quantitative Structure-Property Relationships, 2021, 6, 45-62.	0.5	0
26	Alternative QSAR Study for Unsymmetrical Aromatic Disulfide Anti-SARS Inhibitors. International Journal of Quantitative Structure-Property Relationships, 2021, 6, 47-57.	0.5	0
27	QSPR/QSAR Analyses by Means of the CORAL Software. , 2017, , 929-955.		0