Pablo R Duchowicz

List of Publications by Year
in descending order

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Version: 2024-02-01

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

#	Article	IF	Citations
1	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
2	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
3	QSAR Classification of Anticancer Heterocyclichydrazones With Reactivity Descriptors. International Journal of Quantitative Structure-Property Relationships, 2021, 6, 45-62.	0.5	0
4	Alternative QSAR Study for Unsymmetrical Aromatic Disulfide Anti-SARS Inhibitors. International Journal of Quantitative Structure-Property Relationships, 2021, 6, 47-57.	0.5	0
5	Ensemble learning application to discover new trypanothione synthetase inhibitors. Molecular Diversity, 2021, 25, 1361-1373.	3.9	2
6	Predicting zebrafish (Danio rerio) embryo developmental toxicity through a non-conformational QSAR approach. Science of the Total Environment, 2021, 796, 148820.	8.0	11
7	QSAR models for the fumigant activity prediction of essential oils. Journal of Molecular Graphics and Modelling, 2020, 101, 107751.	2.4	8
8	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
9	QSPR study of the Henryâ€™s law constant for heterogeneous compounds. Chemical Engineering Research and Design, 2020, 154, 115-121.	5.6	16
10	The Use of the Index of Ideality of Correlation to Build Up Models for Bioconcentration Factor. Molecular Informatics, 2020, 39, e1900070.	2.5	12
11	QSAR studies of the antioxidant activity of anthocyanins. Journal of Food Science and Technology, 2019, 56, 5518-5530.	2.8	17
12	Quantitative Structure-Property Relationship (QSPR) Studies of Alcoholic and Nonalcoholic Beverages, Including Wines, Beers, and Citrus Juices. , 2019, , 65-99.		1
13	Conformation-independent quantitative structure-property relationships study on water solubility of pesticides. Ecotoxicology and Environmental Safety, 2019, 171, 47-53.	6.0	21
14	Quantitative structureâ€“activity relationship (QSAR) analysis of plantâ€derived compounds with larvicidal activity against Zika <scp>Aedes aegypti</scp> (Diptera: Culicidae) vector using freely available descriptors. Pest Management Science, 2018, 74, 1608-1615.	3.4	20
15	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
16	Linear Regression QSAR Models for Polo-Like Kinase-1 Inhibitors. Cells, 2018, 7, 13.	4.1	19
17	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
18	QSPR/QSAR Analyses by Means of the CORAL Software. , 2017, , 929-955.		0

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19	Conformation-Independent QSPR Approach for the Soil Sorption Coefficient of Heterogeneous Compounds. International Journal of Molecular Sciences, 2016, 17, 1247.	4.1	20
20	Quantitative structureâ€“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
21	QSPR studies on refractive indices of structurally heterogeneous polymers. Chemometrics and Intelligent Laboratory Systems, 2015, 140, 86-91.	3.5	50
22	QSPR/QSAR Analyses by Means of the CORAL Software. Advances in Chemical and Materials Engineering Book Series, 2015, , 560-585.	0.3	10
23	QSAR on antiproliferative naphthoquinones based on a conformation-independent approach. European Journal of Medicinal Chemistry, 2014, 77, 176-184.	5.5	22
24	QSAR Study for Carcinogenicity in a Large Set of Organic Compounds. Current Drug Safety, 2012, 7, 282-288.	0.6	33
25	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
26	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
27	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