

# Applications of 2D Descriptors in Drug Design: A DRAG

Current Topics in Medicinal Chemistry

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Probing the Anticancer Activity of Nucleoside Analogues: A QSAR Model Approach Using an Internally Consistent Training Set. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 1537-1545.	2.9	38
2	QSAR Studies on N-aryl Derivative Activity Towards Alzheimer's Disease. <i>Molecules</i> , 2009, 14, 1448-1455.	1.7	20
3	Study of Parasitic Infections, Cancer, and other Diseases with Mass-Spectrometry and Quantitative Proteome-Disease Relationships. <i>Current Proteomics</i> , 2009, 6, 246-261.	0.1	18
4	QSTR with extended topochemical atom (ETA) indices. 13. Modelling of hERG K <sup>+</sup> channel blocking activity of diverse functional drugs using different chemometric tools. <i>Molecular Simulation</i> , 2009, 35, 1256-1268.	0.9	10
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6	Shuffling multivariate adaptive regression splines and adaptive neuro-fuzzy inference system as tools for QSAR study of SARS inhibitors. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009, 50, 853-860.	1.4	40
7	Molecular Shape Analysis of Antioxidant and Squalene Synthase Inhibitory Activities of Aromatic Tetrahydro-1,4-oxazine Derivatives. <i>Chemical Biology and Drug Design</i> , 2009, 74, 507-516.	1.5	16
8	RED: A Set of Molecular Descriptors Based on Rényi Entropy. <i>Journal of Chemical Information and Modeling</i> , 2009, 49, 2457-2468.	2.5	11
9	Chapter 5 Recent Advances on in silico ADME Modeling. <i>Annual Reports in Computational Chemistry</i> , 2009, , 101-127.	0.9	21
10	Advances in quantitative structure-activity relationship models of antioxidants. <i>Expert Opinion on Drug Discovery</i> , 2009, 4, 1157-1175.	2.5	23
11	Exploring quantitative structure-activity relationship studies of antioxidant phenolic compounds obtained from traditional Chinese medicinal plants. <i>Molecular Simulation</i> , 2010, 36, 1067-1079.	0.9	260
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13	QSAR models to predict mutagenicity of acrylates, methacrylates and $\alpha,\beta$ -unsaturated carbonyl compounds. <i>Dental Materials</i> , 2010, 26, 397-415.	1.6	23
14	Quantum Semiempirical Energy Based (SEEB) Descriptors Performance with Benzamidine Inhibitors of Trypsin. <i>Molecular Informatics</i> , 2010, 29, 525-531.	1.4	1
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16	Computational structure-activity relationship analysis of small-molecule agonists for human formyl peptide receptors. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 5406-5419.	2.6	7
17	QSAR AND PHARMACOPHORE MODELING OF 4-ARYLTHIENO [3, 2-d] PYRIMIDINE DERIVATIVES AGAINST ADENOSINE RECEPTOR OF PARKINSON'S DISEASE. <i>Journal of Theoretical and Computational Chemistry</i> , 2010, 09, 975-991.	1.8	11
18	Editorial [Hot topic: QSAR and Complex Networks in Pharmaceutical Design, Microbiology, Parasitology, Toxicology, Cancer and Neurosciences (Executive Editor: Humberto Gonzalez-Diaz)]. <i>Current Pharmaceutical Design</i> , 2010, 16, 2598-2600.	0.9	38

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37	On Various Metrics Used for Validation of Predictive QSAR Models with Applications in Virtual Screening and Focused Library Design. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2011, 14, 450-474.	0.6	246
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55	Editorial [Hot Topic: QSAR Models for Computer-Aided Drug Design and Molecular Docking for Disorders of the Central Nervous System and Other Diseases]. <i>Current Topics in Medicinal Chemistry</i> , 2012, 12, 1731-1733.	1.0	3
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74	Quantitative structureâ€“retention relationships models for prediction of high performance liquid chromatography retention time of small molecules: Endogenous metabolites and banned compounds. <i>Analytica Chimica Acta</i> , 2013, 797, 13-19.	2.6	86

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77	Predictive chemometric modeling of DPPH free radical-scavenging activity of azole derivatives using 2D- and 3D-quantitative structure-activity relationship tools. <i>Future Medicinal Chemistry</i> , 2013, 5, 261-280.	1.1	6
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79	Editorial (Hot Topic: Bioinformatics and Quantitative Structure-Property Relationship (QSPR)) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 582</i>	0.7	2
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