

Hui Wen Ng

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

760
citations

567281

15
h-index

713466

21
g-index

21
all docs

21
docs citations

21
times ranked

1322
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental Data Extraction and <i>in Silico</i> Prediction of the Estrogenic Activity of Renewable Replacements for Bisphenol A. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 705.	2.6	73
2	Human Sex Hormone-Binding Globulin Binding Affinities of 125 Structurally Diverse Chemicals and Comparison with Their Binding to Androgen Receptor, Estrogen Receptor, and $\hat{\pm}$ -Fetoprotein. <i>Toxicological Sciences</i> , 2015, 143, 333-348.	3.1	69
3	Machine Learning Methods for Predicting HLA-Peptide Binding Activity. <i>Bioinformatics and Biology Insights</i> , 2015, 9s3, BBI.S29466.	2.0	68
4	Estrogenic Activity Data Extraction and <i>in Silico</i> Prediction Show the Endocrine Disruption Potential of Bisphenol A Replacement Compounds. <i>Chemical Research in Toxicology</i> , 2015, 28, 1784-1795.	3.3	68
5	Versatility or Promiscuity: The Estrogen Receptors, Control of Ligand Selectivity and an Update on Subtype Selective Ligands. <i>International Journal of Environmental Research and Public Health</i> , 2014, 11, 8709-8742.	2.6	61
6	Competitive molecular docking approach for predicting estrogen receptor subtype $\hat{\pm}$ agonists and antagonists. <i>BMC Bioinformatics</i> , 2014, 15, S4.	2.6	58
7	Conversion of a non-selective adenosine receptor antagonist into A3-selective high affinity fluorescent probes using peptide-based linkers. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 5673.	2.8	47
8	Development and Validation of Decision Forest Model for Estrogen Receptor Binding Prediction of Chemicals Using Large Data Sets. <i>Chemical Research in Toxicology</i> , 2015, 28, 2343-2351.	3.3	47
9	Molecular Dynamics Simulations of the Adenosine A2a Receptor: Structural Stability, Sampling, and Convergence. <i>Journal of Chemical Information and Modeling</i> , 2013, 53, 1168-1178.	5.4	42
10	Whole genome sequencing of 35 individuals provides insights into the genetic architecture of Korean population. <i>BMC Bioinformatics</i> , 2014, 15, S6.	2.6	34
11	sNebula, a network-based algorithm to predict binding between human leukocyte antigens and peptides. <i>Scientific Reports</i> , 2016, 6, 32115.	3.3	34
12	Molecular Dynamics Simulations of the Adenosine A2a Receptor in POPC and POPE Lipid Bilayers: Effects of Membrane on Protein Behavior. <i>Journal of Chemical Information and Modeling</i> , 2014, 54, 573-581.	5.4	33
13	Structures of androgen receptor bound with ligands: advancing understanding of biological functions and drug discovery. <i>Expert Opinion on Therapeutic Targets</i> , 2016, 20, 1267-1282.	3.4	26
14	Comparing genetic variants detected in the 1000 genomes project with SNPs determined by the International HapMap Consortium. <i>Journal of Genetics</i> , 2015, 94, 731-740.	0.7	20
15	Understanding and predicting binding between human leukocyte antigens (HLAs) and peptides by network analysis. <i>BMC Bioinformatics</i> , 2015, 16, S9.	2.6	19
16	QSAR Models at the US FDA/NCTR. <i>Methods in Molecular Biology</i> , 2016, 1425, 431-459.	0.9	19
17	A Rat $\hat{\pm}$ -Fetoprotein Binding Activity Prediction Model to Facilitate Assessment of the Endocrine Disruption Potential of Environmental Chemicals. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 372.	2.6	15
18	Pathway Analysis Revealed Potential Diverse Health Impacts of Flavonoids that Bind Estrogen Receptors. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 373.	2.6	9

#	ARTICLE	IF	CITATIONS
19	Competitive docking model for prediction of the human nicotinic acetylcholine receptor $\alpha 7$ binding of tobacco constituents. <i>Oncotarget</i> , 2018, 9, 16899-16916.	1.8	7
20	Applying network analysis and Nebula (neighbor-edges based and unbiased leverage algorithm) to ToxCast data. <i>Environment International</i> , 2016, 89-90, 81-92.	10.0	6
21	Homology Model and Ligand Binding Interactions of the Extracellular Domain of the Human $\alpha 4 \beta 2$ Nicotinic Acetylcholine Receptor. <i>Journal of Biomedical Science and Engineering</i> , 2016, 09, 41-100.	0.4	5