Esvieta Tenorio-Borroto

List of Publications by Year
in descending order

19 papers	414 citations	1040056 9 h-index	794594 19 g-index
20 all docs	20 docs citations	20 times ranked	349 citing authors

#	Article	IF	Citations
1	3D-MEDNEs:â€‰An Alternative â€œIn Silicoâ€•Technique for Chemical Research in Toxicology. 1. Prediction of Chemically Induced Agranulocytosis. Chemical Research in Toxicology, 2003, 16, 1318-1327.	3.3	88
2	ANN multiplexing model of drugs effect on macrophages; theoretical and flow cytometry study on the cytotoxicity of the anti-microbial drug G1 in spleen. Bioorganic and Medicinal Chemistry, 2012, 20, 6181-6194.	3.0	55
3	Predicting multiple drugs side effects with a general drug-target interaction thermodynamic Markov model. Bioorganic and Medicinal Chemistry, 2005, 13, 1119-1129.	3.0	47
4	Model for high-throughput screening of drug immunotoxicity â€“ Study of the anti-microbial G1 over peritoneal macrophages using flow cytometry. European Journal of Medicinal Chemistry, 2014, 72, 206-220.	5.5	41
5	PTML Model for Proteome Mining of B-Cell Epitopes and Theoreticalâ€“Experimental Study of Bm86 Protein Sequences from Colima, Mexico. Journal of Proteome Research, 2017, 16, 4093-4103.	3.7	41
6	Entropy Model for Multiplex Drug-Target Interaction Endpoints of Drug Immunotoxicity. Current Topics in Medicinal Chemistry, 2013, 13, 1636-1649.	2.1	32
7	3D QSAR Markov model for drug-induced eosinophiliaâ€”theoretical prediction and preliminary experimental assay of the antimicrobial drug G1. Bioorganic and Medicinal Chemistry, 2005, 13, 1523-1530.	3.0	28
8	QSPR and Flow Cytometry Analysis (QSPR-FCA): Review and New Findings on Parallel Study of Multiple Interactions of Chemical Compounds with Immune Cellular and Molecular Targets. Current Drug Metabolism, 2014, 15, 414-428.	1.2	24
9	TcVac1 vaccine delivery by intradermal electroporation enhances vaccine induced immune protection against Trypanosoma cruzi infection in mice. Vaccine, 2019, 37, 248-257.	3.8	15
10	Perturbation Theory Machine Learning Modeling of Immunotoxicity for Drugs Targeting Inflammatory Cytokines and Study of the Antimicrobial G1 Using Cytometric Bead Arrays. Chemical Research in Toxicology, 2019, 32, 1811-1823.	3.3	9
11	Experimental and chemometric studies of cell membrane permeability. Chemometrics and Intelligent Laboratory Systems, 2016, 154, 1-6.	3.5	8
12	Experimental and computational studies of fatty acid distribution networks. Molecular BioSystems, 2015, 11, 2964-2977.	2.9	6
13	Immunotoxicity, Flow Cytometry, and Chemoinformatics: Review, Bibliometric Analysis, and New QSAR Model of Drug Effects Over Macrophages. Current Topics in Medicinal Chemistry, 2012, 12, 1815-1833.	2.1	6
14	Chemometric approach to fatty acid metabolism-distribution networks and methane production in ruminal microbiome. Chemometrics and Intelligent Laboratory Systems, 2016, 151, 1-8.	3.5	5
15	Experimental-Theoretic Approach to Drug-Lymphocyte Interactome Networks with Flow Cytometry and Spectral Moments Perturbation Theory. Current Pharmaceutical Design, 2016, 22, 5114-5119.	1.9	3
16	Immunotoxicity, Flow Cytometry, and Chemoinformatics: Review, Bibliometric Analysis, and New QSAR Model of Drug Effects Over Macrophages. Current Topics in Medicinal Chemistry, 2012, 12, 1815-1833.	2.1	2
17	Antibiotics susceptibility of quinolones against Salmonella spp. strains isolated and molecularly sequenced for gyrA gene. Microbial Pathogenesis, 2018, 114, 286-290.	2.9	2
18	Evaluating Hemolytic and Photo Hemolytic Potential of Organophosphorus by In Vitro Method as an Alternative Tool Using Human Erythrocytes. Current Topics in Medicinal Chemistry, 2020, 20, 738-745.	2.1	1

#	Article	IF	Citations
19	Immunotoxicity, flow cytometry, and chemoinformatics: review, bibliometric analysis, and new QSAR model of drug effects over macrophages. Current Topics in Medicinal Chemistry, 2012, 12, 1815-33.	2.1	1