Aliuska Duardo-Sanchez

List of Publications by Year
in descending order

36 papers	510 citations	759233 12 h-index	677142 22 g-index
36 all docs	36 docs citations	36 times ranked	381 citing authors

#	Article	IF	Citations
1	Review of MARCH-INSIDE & Complex Networks Prediction of Drugs: ADMET, Anti-parasite Activity, Metabolizing Enzymes and Cardiotoxicity Proteome Biomarkers. Current Drug Metabolism, 2010, 11, 379-406.	1.2	76
2	Current Topics on Software Use in Medicinal Chemistry: Intellectual Property, Taxes, and Regulatory Issues. Current Topics in Medicinal Chemistry, 2008, 8, 1666-1675.	2.1	60
3	ANN Multiscale Model of Anti-HIV Drugs Activity vs AIDS Prevalence in the US at County Level Based on Information Indices of Molecular Graphs and Social Networks. Journal of Chemical Information and Modeling, 2014, 54, 744-755.	5.4	58
4	Predicting Drugs and Proteins in Parasite Infections with Topological Indices of Complex Networks: Theoretical Backgrounds, Applications and Legal Issues. Current Pharmaceutical Design, 2010, 16, 2737-2764.	1.9	54
5	Generalized lattice graphs for 2D-visualization of biological information. Journal of Theoretical Biology, 2009, 261, 136-147.	1.7	41
6	New Markovâ€“Shannon Entropy models to assess connectivity quality in complex networks: From molecular to cellular pathway, Parasiteâ€“Host, Neural, Industry, and Legalâ€“Social networks. Journal of Theoretical Biology, 2012, 293, 174-188.	1.7	39
7	From QSAR models of Drugs to Complex Networks: State-of-Art Review and Introduction of New Markov-Spectral Moments Indices. Current Topics in Medicinal Chemistry, 2012, 12, 927-960.	2.1	35
8	QSAR Models for Proteins of Parasitic Organisms, Plants and Human Guests: Theory, Applications, Legal Protection, Taxes, and Regulatory Issues. Current Proteomics, 2009, 6, 214-227.	0.3	26
9	Modeling Complex Metabolic Reactions, Ecological Systems, and Financial and Legal Networks with MIANN Models Based on Markov-Wiener Node Descriptors. Journal of Chemical Information and Modeling, 2014, 54, 16-29.	5.4	22
10	Definition of Markov-Harary Invariants and Review of Classic Topological Indices and Databases in Biology, Parasitology, Technology,and Social-Legal Networks. Current Bioinformatics, 2011, 6, 94-121.	1.5	17
11	S2SNet: A Tool for Transforming Characters and Numeric Sequences into Star Network Topological Indices in Chemoinformatics, Bioinformatics, Biomedical, and Social-Legal Sciences. Current Bioinformatics, 2013, 8, 429-437.	1.5	17
12	Network Topological Indices from Chem-Bioinformatics to Legal Sciences and back. Current Bioinformatics, 2011, 6, 53-70.	1.5	14
13	From Chemical Graphs in Computer-Aided Drug Design to General Markov-Galvez Indices of Drug-Target, Proteome, Drug-Parasitic Disease, Technological, and Social-Legal Networks. Current Computer-Aided Drug Design, 2011, 7, 315-337.	1.2	10
14	Perturbation Theory Machine Learning Models: Theory, Regulatory Issues, and Applications to Organic Synthesis, Medicinal Chemistry, Protein Research, and Technology. Current Topics in Medicinal Chemistry, 2018, 18, 1203-1213.	2.1	6
15	Complex Networks and Machine Learning: From Molecular to Social Sciences. Applied Sciences (Switzerland), 2019, 9, 4493.	2.5	5
16	Markov Entropy Centrality: Chemical, Biological, Crime, and Legislative Networks. , 2011, , 199-258.		5
17	CRISPR-Cas in Medicinal Chemistry: Applications and Regulatory Concerns. Current Topics in Medicinal Chemistry, 2018, 17, 3308-3315.	2.1	5
18	Markov-Randic Indices for QSPR Re-Evaluation of Metabolic, Parasite- Host, Fasciolosis Spreading, Brain Cortex and Legal-Social Complex Networks. Current Bioinformatics, 2013, 8, 401-415.	1.5	5

#	Article	IF	Citations
19	Patents of bio-active compounds based on computer-aided drug discovery techniques. Frontiers in Bioscience - Elite, 2013, E5, 399-407.	1.8	4
20	Legal issues for chem-bioinformatics models. Frontiers in Bioscience - Elite, 2013, E5, 361-374.	1.8	2
21	The Role of Machine Learning in Centralized Authorization Process of Nanomedicines in European Union. Current Topics in Medicinal Chemistry, 2021, 21, 828-838.	2.1	2
22	MI-NODES Multiscale Models of Metabolic Reactions, Brain Connectome, Ecological, Epidemic, World Trade, and Legal-Social Networks. Current Bioinformatics, 2015, 10, 692-713.	1.5	2
23	Machine Learning as a Proposal for a Better Application of Food Nanotechnology Regulation in the European Union. Current Topics in Medicinal Chemistry, 2020, 20, 324-332.	2.1	2
24	Generalized String Pseudo-Folding Lattices in Bioinformatics: State-of-Art Review, New Model for Enzyme Sub-Classes, and Study of ESTs on Trichinella spiralis. Current Bioinformatics, 2012, 7, 7-34.	1.5	1
25	MOL2NET: FROM MOLECULES TO NETWORKS (PROC. BOOK), ISBN: 978-3-03842-820-6, 2019, Vol. 4, 2985 pp. . , 0, , .		1
26	Personalized Medicine and Medicinal Chemistry: Toward a Legal Framework in the European Union. Current Topics in Medicinal Chemistry, 2019, 18, 2165-2173.	2.1	1
27	Editorial: New Experimental and Computational Tools for Drug Discovery: From Chemistry to Biology. Part-III. Current Topics in Medicinal Chemistry, 2018, 17, 3234-3235.	2.1	0
28	New Experimental and Computational Tools for Drug Discovery: Medicinal Chemistry, Personalized Medicine, Ethical & Legal Issues â€“ Part-V. Current Topics in Medicinal Chemistry, 2019, 18, 2141-2142.	2.1	0
29	MIANN Models of Networks of Biochemical Reactions, Ecosystems, and U.S. Supreme Court with Balaban-Markov Indices. Current Bioinformatics, 2015, 10, 658-671.	1.5	0
30	Law, Software, & Cheminformatics: Copyright, Taxes, and Legal Issues. , 0, , .		0
31	Complex Network Analysis of General Tax Law. , 0, , .		0
32	Editorial: EHUDW01, First EHU-DELFIN Program Workshop, Bilbao, Jul, 201. , 0, , .		0
33	Challenges in Law, Technology, Life, and Social Sciences. , 0, , .		0
34	CRISPR-Cas Gene Editing: Regulatory Issues and Applications. , 0, , .		0
35	MOL2NET: FROM MOLECULES TO NETWORKS (PROC. BOOK), 2018, Vol. 1, 761 pp. . , 0, , .		0
36	The regulation of emerging technologies: is it possible to stem the tide? . , 0, , .		0