

Aliuska Duardo-Sanchez

List of Publications by Year in descending order

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Version: 2024-02-01

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	The Role of Machine Learning in Centralized Authorization Process of Nanomedicines in European Union. <i>Current Topics in Medicinal Chemistry</i> , 2021, 21, 828-838.	2.1	2
2	Machine Learning as a Proposal for a Better Application of Food Nanotechnology Regulation in the European Union. <i>Current Topics in Medicinal Chemistry</i> , 2020, 20, 324-332.	2.1	2
3	New Experimental and Computational Tools for Drug Discovery: Medicinal Chemistry, Personalized Medicine, Ethical & Legal Issues – Part-V. <i>Current Topics in Medicinal Chemistry</i> , 2019, 18, 2141-2142.	2.1	0
4	Complex Networks and Machine Learning: From Molecular to Social Sciences. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 4493.	2.5	5
5	Personalized Medicine and Medicinal Chemistry: Toward a Legal Framework in the European Union. <i>Current Topics in Medicinal Chemistry</i> , 2019, 18, 2165-2173.	2.1	1
6	Editorial: New Experimental and Computational Tools for Drug Discovery: From Chemistry to Biology. Part-III. <i>Current Topics in Medicinal Chemistry</i> , 2018, 17, 3234-3235.	2.1	0
7	CRISPR-Cas in Medicinal Chemistry: Applications and Regulatory Concerns. <i>Current Topics in Medicinal Chemistry</i> , 2018, 17, 3308-3315.	2.1	5
8	Perturbation Theory Machine Learning Models: Theory, Regulatory Issues, and Applications to Organic Synthesis, Medicinal Chemistry, Protein Research, and Technology. <i>Current Topics in Medicinal Chemistry</i> , 2018, 18, 1203-1213.	2.1	6
9	MI-NODES Multiscale Models of Metabolic Reactions, Brain Connectome, Ecological, Epidemic, World Trade, and Legal-Social Networks. <i>Current Bioinformatics</i> , 2015, 10, 692-713.	1.5	2
10	MIANN Models of Networks of Biochemical Reactions, Ecosystems, and U.S. Supreme Court with Balaban-Markov Indices. <i>Current Bioinformatics</i> , 2015, 10, 658-671.	1.5	0
11	Modeling Complex Metabolic Reactions, Ecological Systems, and Financial and Legal Networks with MIANN Models Based on Markov-Wiener Node Descriptors. <i>Journal of Chemical Information and Modeling</i> , 2014, 54, 16-29.	5.4	22
12	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. <i>Journal of Chemical Information and Modeling</i> , 2014, 54, 744-755.	5.4	58
13	Legal issues for chem-bioinformatics models. <i>Frontiers in Bioscience - Elite</i> , 2013, E5, 361-374.	1.8	2
14	Patents of bio-active compounds based on computer-aided drug discovery techniques. <i>Frontiers in Bioscience - Elite</i> , 2013, E5, 399-407.	1.8	4
15	S2SNet: A Tool for Transforming Characters and Numeric Sequences into Star Network Topological Indices in Chemoinformatics, Bioinformatics, Biomedical, and Social-Legal Sciences. <i>Current Bioinformatics</i> , 2013, 8, 429-437.	1.5	17
16	Markov-Randic Indices for QSPR Re-Evaluation of Metabolic, Parasite- Host, Fasciolosis Spreading, Brain Cortex and Legal-Social Complex Networks. <i>Current Bioinformatics</i> , 2013, 8, 401-415.	1.5	5
17	From QSAR models of Drugs to Complex Networks: State-of-Art Review and Introduction of New Markov-Spectral Moments Indices. <i>Current Topics in Medicinal Chemistry</i> , 2012, 12, 927-960.	2.1	35
18	Generalized String Pseudo-Folding Lattices in Bioinformatics: State-of-Art Review, New Model for Enzyme Sub-Classes, and Study of ESTs on <i>Trichinella spiralis</i> . <i>Current Bioinformatics</i> , 2012, 7, 7-34.	1.5	1

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19	New Markov-Shannon Entropy models to assess connectivity quality in complex networks: From molecular to cellular pathway, Parasite-Host, Neural, Industry, and Legal-Social networks. Journal of Theoretical Biology, 2012, 293, 174-188.	1.7	39
20	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
21	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
22	Network Topological Indices from Chem-Bioinformatics to Legal Sciences and back. Current Bioinformatics, 2011, 6, 53-70.	1.5	14
23	Markov Entropy Centrality: Chemical, Biological, Crime, and Legislative Networks. , 2011, , 199-258.		5
24	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
25	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
26	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
27	Generalized lattice graphs for 2D-visualization of biological information. Journal of Theoretical Biology, 2009, 261, 136-147.	1.7	41
28	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
29	&p>MOL2NET: FROM MOLECULES TO NETWORKS (PROC. BOOK), ISBN: 978-3-03842-820-6, 2019, Vol. 4, 2985 pp.</p>. , 0, ,		1
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	<p>MOL2NET: FROM MOLECULES TO NETWORKS (PROC. BOOK), 2018, Vol. 1, 761 pp.</p>. , 0, ,		0
36	<p>The regulation of emerging technologies: is it possible to stem the tide?</p>. , 0, ,		0