

Antonio Neme

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

1,074
citations

411340

20
h-index

466096

32
g-index

50
all docs

50
docs citations

50
times ranked

1164
citing authors

#	ARTICLE	IF	CITATIONS
1	A Multiview Recognition Method of Predefined Objects for Robot Assembly Using Deep Learning and Its Implementation on an FPGA. <i>Electronics (Switzerland)</i> , 2022, 11, 696.	1.8	3
2	Machine Learning-Based Feature Selection and Classification for the Experimental Diagnosis of <i>Trypanosoma cruzi</i> . <i>Electronics (Switzerland)</i> , 2022, 11, 785.	1.8	4
3	A hierarchical regulatory network analysis of the vitamin D induced transcriptome reveals novel regulators and complete VDR dependency in monocytes. <i>Scientific Reports</i> , 2021, 11, 6518.	1.6	28
4	Monitoring genome-wide chromatin accessibility by formaldehyde-assisted isolation of regulatory elements sequencing (FAIRE-seq). , 2020, , 353-369.		1
5	Common and personal target genes of the micronutrient vitamin D in primary immune cells from human peripheral blood. <i>Scientific Reports</i> , 2020, 10, 21051.	1.6	23
6	An Algorithm to Detect Variations in Writing Styles of Columnists After Major Political Changes. <i>Lecture Notes in Computer Science</i> , 2020, , 3-16.	1.0	0
7	Machine learning approaches infer vitamin D signaling: Critical impact of vitamin D receptor binding within topologically associated domains. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019, 185, 103-109.	1.2	16
8	Vitamin D Signaling Suppresses Early Prostate Carcinogenesis in TgAPT121 Mice. <i>Cancer Prevention Research</i> , 2019, 12, 343-356.	0.7	27
9	A multiomic approach to characterize the temporal sequence in Alzheimer's disease-related pathology. <i>Neurobiology of Disease</i> , 2019, 124, 454-468.	2.1	41
10	Modulation of vitamin D signaling by the pioneer factor CEBPA. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2019, 1862, 96-106.	0.9	33
11	In vivo transcriptome changes of human white blood cells in response to vitamin D. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019, 188, 71-76.	1.2	53
12	In vivo response of the human epigenome to vitamin D: A Proof-of-principle study. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018, 180, 142-148.	1.2	59
13	ETS transcription factor family member GABPA contributes to vitamin D receptor target gene regulation. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018, 177, 46-52.	1.2	26
14	The impact of the vitamin D-modulated epigenome on VDR target gene regulation. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2018, 1861, 697-705.	0.9	56
15	Molecular evaluation of vitamin D responsiveness of healthy young adults. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017, 174, 314-321.	1.2	43
16	Epigenomic PU.1-VDR crosstalk modulates vitamin D signaling. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2017, 1860, 405-415.	0.9	48
17	Selective regulation of biological processes by vitamin D based on the spatio-temporal cistrome of its receptor. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2017, 1860, 952-961.	0.9	56
18	Vitamin D-dependent chromatin association of CTCF in human monocytes. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2016, 1859, 1380-1388.	0.9	37

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19	Epigenome-wide effects of vitamin D and their impact on the transcriptome of human monocytes involve CTCF. <i>Nucleic Acids Research</i> , 2016, 44, 4090-4104.	6.5	94
20	The vitamin D-dependent transcriptome of human monocytes. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2016, 164, 180-187.	1.2	37
21	The transcriptional regulator BCL6 participates in the secondary gene regulatory response to vitamin D. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2015, 1849, 300-308.	0.9	26
22	Dissecting high from low responders in a vitamin D3 intervention study. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2015, 148, 275-282.	1.2	44
23	Stylistics analysis and authorship attribution algorithms based on self-organizing maps. <i>Neurocomputing</i> , 2015, 147, 147-159.	3.5	21
24	Relevance of Vitamin D Receptor Target Genes for Monitoring the Vitamin D Responsiveness of Primary Human Cells. <i>PLoS ONE</i> , 2015, 10, e0124339.	1.1	64
25	A Multi-Agent System to Study the Internal Displacement of Passengers and Their Distribution on a Large-Capacity Bus. , 2015, , 125-147.		0
26	Patterns of Genome-Wide VDR Locations. <i>PLoS ONE</i> , 2014, 9, e96105.	1.1	120
27	Changes in vitamin D target gene expression in adipose tissue monitor the vitamin D response of human individuals. <i>Molecular Nutrition and Food Research</i> , 2014, 58, 2036-2045.	1.5	41
28	Self-Organizing Map Formation with a Selectively Refractory Neighborhood. <i>Neural Processing Letters</i> , 2014, 39, 1-24.	2.0	4
29	Characterization of Genomic Vitamin D Receptor Binding Sites through Chromatin Looping and Opening. <i>PLoS ONE</i> , 2014, 9, e96184.	1.1	29
30	Computational Study of Stylistics: Visualizing the Writing Style with Self-Organizing Maps. <i>Advances in Intelligent Systems and Computing</i> , 2013, , 265-274.	0.5	1
31	Exploratory Data Analysis through the Inspection of the Probability Density Function of the Number of Neighbors. <i>Lecture Notes in Computer Science</i> , 2013, , 310-321.	1.0	1
32	Identification of the Minimal Set of Attributes That Maximizes the Information towards the Author of a Political Discourse: The Case of the Candidates in the Mexican Presidential Elections. <i>Lecture Notes in Computer Science</i> , 2013, , 81-90.	1.0	0
33	Multilayer Perceptrons as Classifiers Guided by Mutual Information and Trained with Genetic Algorithms. <i>Lecture Notes in Computer Science</i> , 2012, , 176-183.	1.0	1
34	An electoral preferences model based on self-organizing maps. <i>Journal of Computational Science</i> , 2011, 2, 345-352.	1.5	6
35	Authorship attribution as a case of anomaly detection: A neural network model. <i>International Journal of Hybrid Intelligent Systems</i> , 2011, 8, 225-235.	0.9	7
36	Visualizing Patterns in the Air Quality in Mexico City with Self-Organizing Maps. <i>Lecture Notes in Computer Science</i> , 2011, , 318-327.	1.0	4

#	ARTICLE	IF	CITATIONS
37	Self Organizing Maps as Models of Social Processes: The Case of Electoral Preferences. Lecture Notes in Computer Science, 2011, , 51-60.	1.0	2
38	Visualizing Multidimensional Data through Multilayer Perceptron Maps. Lecture Notes in Computer Science, 2011, , 210-219.	1.0	0
39	Detection of Different Authorship of Text Sequences through Self-organizing Maps and Mutual Information Function. Lecture Notes in Computer Science, 2010, , 186-195.	1.0	2
40	Algorithms Inspired in Social Phenomena. Studies in Computational Intelligence, 2009, , 369-387.	0.7	5
41	Self-Organizing Maps with Non-cooperative Strategies (SOM-NC). Lecture Notes in Computer Science, 2009, , 200-208.	1.0	2
42	A Neural Network May Show the Best Way to Learn How to Count for Students in Elementary Math Courses. , 2008, , .		0
43	Decreasing Neighborhood Revisited in Self-Organizing Maps. Lecture Notes in Computer Science, 2008, , 671-679.	1.0	1
44	The Self-Organized Chaos Game Representation for Genomic Signatures Analysis. Learning and Nonlinear Models, 2008, 6, 111-120.	0.2	2
45	Self-organizing Maps with Refractory Period. Lecture Notes in Computer Science, 2007, , 369-378.	1.0	1
46	A Parameter in the Learning Rule of SOM That Incorporates Activation Frequency. Lecture Notes in Computer Science, 2006, , 455-463.	1.0	1
47	Biological Domain Identification Based in Codon Usage by Means of Rule and Tree Induction. Lecture Notes in Computer Science, 2005, , 221-224.	1.0	0