Antonio Neme

List of Publications by Year
in descending order

47 papers	1,074 citations	361413 20 h-index	414414 32 g-index
50 all docs	50 docs citations	50 times ranked	1080 citing authors

#	Article	IF	Citations
1	Patterns of Genome-Wide VDR Locations. PLoS ONE, 2014, 9, e96105.	2.5	120
2	Epigenome-wide effects of vitamin D and their impact on the transcriptome of human monocytes involve CTCF. Nucleic Acids Research, 2016, 44, 4090-4104.	14.5	94
3	Relevance of Vitamin D Receptor Target Genes for Monitoring the Vitamin D Responsiveness of Primary Human Cells. PLoS ONE, 2015, 10, e0124339.	2.5	64
4	In vivo response of the human epigenome to vitamin D: A Proof-of-principle study. Journal of Steroid Biochemistry and Molecular Biology, 2018, 180, 142-148.	2.5	59
5	Selective regulation of biological processes by vitamin D based on the spatio-temporal cistrome of its receptor. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2017, 1860, 952-961.	1.9	56
6	The impact of the vitamin D-modulated epigenome on VDR target gene regulation. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2018, 1861, 697-705.	1.9	56
7	In vivo transcriptome changes of human white blood cells in response to vitamin D. Journal of Steroid Biochemistry and Molecular Biology, 2019, 188, 71-76.	2.5	53
8	Epigenomic PU.1-VDR crosstalk modulates vitamin D signaling. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2017, 1860, 405-415.	1.9	48
9	Dissecting high from low responders in a vitamin D3 intervention study. Journal of Steroid Biochemistry and Molecular Biology, 2015, 148, 275-282.	2.5	44
10	Molecular evaluation of vitamin D responsiveness of healthy young adults. Journal of Steroid Biochemistry and Molecular Biology, 2017, 174, 314-321.	2.5	43
11	Changes in vitamin D target gene expression in adipose tissue monitor the vitamin D response of human individuals. Molecular Nutrition and Food Research, 2014, 58, 2036-2045.	3.3	41
12	A multiomic approach to characterize the temporal sequence in Alzheimer's disease-related pathology. Neurobiology of Disease, 2019, 124, 454-468.	4.4	41
13	Vitamin D-dependent chromatin association of CTCF in human monocytes. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2016, 1859, 1380-1388.	1.9	37
14	The vitamin D-dependent transcriptome of human monocytes. Journal of Steroid Biochemistry and Molecular Biology, 2016, 164, 180-187.	2.5	37
15	Modulation of vitamin D signaling by the pioneer factor CEBPA. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2019, 1862, 96-106.	1.9	33
16	Characterization of Genomic Vitamin D Receptor Binding Sites through Chromatin Looping and Opening. PLoS ONE, 2014, 9, e96184.	2.5	29
17	A hierarchical regulatory network analysis of the vitamin D induced transcriptome reveals novel regulators and complete VDR dependency in monocytes. Scientific Reports, 2021, 11, 6518.	3.3	28
18	Vitamin D Signaling Suppresses Early Prostate Carcinogenesis in TgAPT121 Mice. Cancer Prevention Research, 2019, 12, 343-356.	1.5	27

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19	The transcriptional regulator BCL6 participates in the secondary gene regulatory response to vitamin D. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2015, 1849, 300-308.	1.9	26
20	ETS transcription factor family member GABPA contributes to vitamin D receptor target gene regulation. Journal of Steroid Biochemistry and Molecular Biology, 2018, 177, 46-52.	2.5	26
21	Common and personal target genes of the micronutrient vitamin D in primary immune cells from human peripheral blood. Scientific Reports, 2020, 10, 21051.	3.3	23
22	Stylistics analysis and authorship attribution algorithms based on self-organizing maps. Neurocomputing, 2015, 147, 147-159.	5.9	21
23	Machine learning approaches infer vitamin D signaling: Critical impact of vitamin D receptor binding within topologically associated domains. Journal of Steroid Biochemistry and Molecular Biology, 2019, 185, 103-109.	2.5	16
24	Authorship attribution as a case of anomaly detection: A neural network model. International Journal of Hybrid Intelligent Systems, 2011, 8, 225-235.	1.2	7
25	An electoral preferences model based on self-organizing maps. Journal of Computational Science, 2011, 2, 345-352.	2.9	6
26	Algorithms Inspired in Social Phenomena. Studies in Computational Intelligence, 2009, , 369-387.	0.9	5
27	Self-Organizing Map Formation with a Selectively Refractory Neighborhood. Neural Processing Letters, 2014, 39, 1-24.	3.2	4
28	Visualizing Patterns in the Air Quality in Mexico City with Self-Organizing Maps. Lecture Notes in Computer Science, 2011, , 318-327.	1.3	4
29	Machine Learning-Based Feature Selection and Classification for the Experimental Diagnosis of Trypanosoma cruzi. Electronics (Switzerland), 2022, 11, 785.	3.1	4
30	A Multiview Recognition Method of Predefined Objects for Robot Assembly Using Deep Learning and Its Implementation on an FPGA. Electronics (Switzerland), 2022, 11, 696.	3.1	3
31	Self-Organizing Maps with Non-cooperative Strategies (SOM-NC). Lecture Notes in Computer Science, 2009, , 200-208.	1.3	2
32	The Self-Organized Chaos Game Representation for Genomic Signatures Analysis. Learning and Nonlinear Models, 2008, 6, 111-120.	0.2	2
33	Detection of Different Authorship of Text Sequences through Self-organizing Maps and Mutual Information Function. Lecture Notes in Computer Science, 2010, , 186-195.	1.3	2
34	Self Organizing Maps as Models of Social Processes: The Case of Electoral Preferences. Lecture Notes in Computer Science, 2011, , 51-60.	1.3	2
35	Monitoring genome-wide chromatin accessibility by formaldehyde-assisted isolation of regulatory elements sequencing (FAIRE-seq). , 2020, , 353-369.		1
36	Self-organizing Maps with Refractory Period. Lecture Notes in Computer Science, 2007, , 369-378.	1.3	1

#	Article	IF	Citations
37	Decreasing Neighborhood Revisited in Self-Organizing Maps. Lecture Notes in Computer Science, 2008, , 671-679.	1.3	1
38	Computational Study of Stylistics: Visualizing the Writing Style with Self-Organizing Maps. Advances in Intelligent Systems and Computing, 2013, , 265-274.	0.6	1
39	Exploratory Data Analysis through the Inspection of the Probability Density Function of the Number of Neighbors. Lecture Notes in Computer Science, 2013, , 310-321.	1.3	1
40	A Parameter in the Learning Rule of SOM That Incorporates Activation Frequency. Lecture Notes in Computer Science, 2006, , 455-463.	1.3	1
41	Multilayer Perceptrons as Classifiers Guided by Mutual Information and Trained with Genetic Algorithms. Lecture Notes in Computer Science, 2012, , 176-183.	1.3	1
42	A Neural Network May Show the Best Way to Learn How to Count for Students in Elementary Math Courses. , 2008, , .		0
43	Biological Domain Identification Based in Codon Usage by Means of Rule and Tree Induction. Lecture Notes in Computer Science, 2005, , 221-224.	1.3	0
44	Visualizing Multidimensional Data through Multilayer Perceptron Maps. Lecture Notes in Computer Science, 2011, , 210-219.	1.3	0
45	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. Lecture Notes in Computer Science, 2013, , 81-90.	1.3	0
46	A Multi-Agent System to Study the Internal Displacement of Passengers and Their Distribution on a Large-Capacity Bus. , 2015, , 125-147.		0
47	An Algorithm to Detect Variations in Writing Styles of Columnists After Major Political Changes. Lecture Notes in Computer Science, 2020, , 3-16.	1.3	0