Alejandro Pazos Sierra

List of Publications by Year
in descending order

217 papers	4,176 citations	172207 29 h-index	149479 56 g-index
226 all docs	226 docs citations	226 times ranked	4022 citing authors

#	Article	IF	Citations
1	Epileptic seizure detection using multiwavelet transform based approximate entropy and artificial neural networks. Journal of Neuroscience Methods, 2010, 193, 156-163.	1.3	363
2	Automatic epileptic seizure detection in EEGs based on line length feature and artificial neural networks. Journal of Neuroscience Methods, 2010, 191, 101-109.	1.3	360
3	Building a chemical ontology using Methontology and the Ontology Design Environment. IEEE Intelligent Systems, 1999, 14, 37-46.	0.2	358
4	Automatic feature extraction using genetic programming: An application to epileptic EEG classification. Expert Systems With Applications, 2011, 38, 10425-10436.	4.4	222
5	A review on machine learning approaches and trends in drug discovery. Computational and Structural Biotechnology Journal, 2021, 19, 4538-4558.	1.9	168
6	Classification of EEG signals using relative wavelet energy and artificial neural networks. , 2009, , .		126
7	Deep Artificial Neural Networks and Neuromorphic Chips for Big Data Analysis: Pharmaceutical and Bioinformatics Applications. International Journal of Molecular Sciences, 2016, 17, 1313.	1.8	79
8	MIND-BEST: Web Server for Drugs and Target Discovery; Design, Synthesis, and Assay of MAO-B Inhibitors and Theoreticalâˆ¼Experimental Study of G3PDH Protein from<i>Trichomonas gallinae</i>. Journal of Proteome Research, 2011, 10, 1698-1718.	1.8	75
9	Automatic assessment of Alzheimerâ€™s disease diagnosis based on deep learning techniques. Computers in Biology and Medicine, 2020, 120, 103764.	3.9	71
10	Artificial Astrocytes Improve Neural Network Performance. PLoS ONE, 2011, 6, e19109.	1.1	66
11	Artificial Neural Networks in Real-Life Applications. , 2006, , .		65
12	Prediction and modeling of the rainfall-runoff transformation of a typical urban basin using ann and gp. Applied Artificial Intelligence, 2003, 17, 329-343.	2.0	62
13	Trypano-PPI: A Web Server for Prediction of Unique Targets in Trypanosome Proteome by using Electrostatic Parameters of Proteinâˆ¼protein Interactions. Journal of Proteome Research, 2010, 9, 1182-1190.	1.8	61
14	Artificial Intelligence Techniques for Colorectal Cancer Drug Metabolism: Ontologies and Complex Networks. Current Drug Metabolism, 2010, 11, 347-368.	0.7	59
15	NCBO Ontology Recommender 2.0: an enhanced approach for biomedical ontology recommendation. Journal of Biomedical Semantics, 2017, 8, 21.	0.9	59
16	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.	2.5	58
17	Determination of egg storage time at room temperature using a low-cost NIR spectrometer and machine learning techniques. Computers and Electronics in Agriculture, 2018, 145, 1-10.	3.7	55
18	Classification of apple beverages using artificial neural networks with previous variable selection. Analytica Chimica Acta, 2004, 524, 225-234.	2.6	54

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19	Prediction of high anti-angiogenic activity peptides in silico using a generalized linear model and feature selection. Scientific Reports, 2018, 8, 15688.	1.6	53
20	3D entropy and moments prediction of enzyme classes and experimental-theoretic study of peptide fingerprints in Leishmania parasites. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2009, 1794, 1784-1794.	1.1	52
21	Drug Discovery and Design for Complex Diseases through QSAR Computational Methods. Current Pharmaceutical Design, 2010, 16, 2640-2655.	0.9	50
22	Effect of diagnostic delay on survival in patients with colorectal cancer: a retrospective cohort study. BMC Cancer, 2016, 16, 664.	1.1	49
23	Early warning in egg production curves from commercial hens: A SVM approach. Computers and Electronics in Agriculture, 2016, 121, 169-179.	3.7	47
24	A review of artificial intelligence applied to path planning in UAV swarms. Neural Computing and Applications, 2022, 34, 153-170.	3.2	44
25	Complex Network Spectral Moments for ATCUN Motif DNA Cleavage: First Predictive Study on Proteins of Human Pathogen Parasites. Journal of Proteome Research, 2009, 8, 5219-5228.	1.8	42
26	Perturbation Theory/Machine Learning Model of ChEMBL Data for Dopamine Targets: Docking, Synthesis, and Assay of New <scp>l</scp>-Prolyl-<scp>l</scp>-leucyl-glycinamide Peptidomimetics. ACS Chemical Neuroscience, 2018, 9, 2572-2587.	1.7	38
27	OncoOmics approaches to reveal essential genes in breast cancer: a panoramic view from pathogenesis to precision medicine. Scientific Reports, 2020, 10, 5285.	1.6	36
28	A New Approach to the Extraction of ANN Rules and to Their Generalization Capacity Through GP. Neural Computation, 2004, 16, 1483-1523.	1.3	34
29	Classification of mild cognitive impairment and Alzheimer's Disease with machine-learning techniques using 1H Magnetic Resonance Spectroscopy data. Expert Systems With Applications, 2015, 42, 6205-6214.	4.4	32
30	Convolutional neural networks for sleep stage scoring on a two-channel EEG signal. Soft Computing, 2020, 24, 4067-4079.	2.1	32
31	Artificial Neuron–Glia Networks Learning Approach Based on Cooperative Coevolution. International Journal of Neural Systems, 2015, 25, 1550012.	3.2	30
32	Generation and simplification of Artificial Neural Networks by means of Genetic Programming. Neurocomputing, 2010, 73, 3200-3223.	3.5	29
33	Breast density classification to reduce false positives in CADe systems. Computer Methods and Programs in Biomedicine, 2014, 113, 569-584.	2.6	29
34	Gene prioritization, communality analysis, networking and metabolic integrated pathway to better understand breast cancer pathogenesis. Scientific Reports, 2018, 8, 16679.	1.6	29
35	Prediction of breast cancer proteins involved in immunotherapy, metastasis, and RNA-binding using molecular descriptors and artificial neural networks. Scientific Reports, 2020, 10, 8515.	1.6	29
36	Computational Models of Neuron-Astrocyte Interactions Lead to Improved Efficacy in the Performance of Neural Networks. Computational and Mathematical Methods in Medicine, 2012, 2012, 1-10.	0.7	28

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37	Optimization of NIR calibration models for multiple processes in the sugar industry. Chemometrics and Intelligent Laboratory Systems, 2016, 159, 45-57.	1.8	28
38	Improving Ontology Alignment through Genetic Algorithms. , 2010, , 240-259.		26
39	A methodology for the design of experiments in computational intelligence with multiple regression models. PeerJ, 2016, 4, e2721.	0.9	25
40	MIANN Models in Medicinal, Physical and Organic Chemistry. Current Topics in Medicinal Chemistry, 2013, 13, 619-641.	1.0	25
41	Star Graphs of Protein Sequences and Proteome Mass Spectra in Cancer Prediction. Current Proteomics, 2009, 6, 275-288.	0.1	24
42	Plasmod-PPI: A web-server predicting complex biopolymer targets in plasmodium with entropy measures of protein–protein interactions. Polymer, 2010, 51, 264-273.	1.8	24
43	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.	2.5	22
44	Experimental study and Random Forest prediction model of microbiome cell surface hydrophobicity. Expert Systems With Applications, 2017, 72, 306-316.	4.4	22
45	Decrypting Strong and Weak Single-Walled Carbon Nanotubes Interactions with Mitochondrial Voltage-Dependent Anion Channels Using Molecular Docking and Perturbation Theory. Scientific Reports, 2017, 7, 13271.	1.6	22
46	Modifying genetic programming for artificial neural network development for data mining. Soft Computing, 2009, 13, 291-305.	2.1	20
47	MISS-Prot: web server for self/non-self discrimination of protein residue networks in parasites; theory and experiments in Fasciola peptides and Anisakis allergens. Molecular BioSystems, 2011, 7, 1938.	2.9	20
48	The iOSC3 System: Using Ontologies and SWRL Rules for Intelligent Supervision and Care of Patients with Acute Cardiac Disorders. Computational and Mathematical Methods in Medicine, 2013, 2013, 1-13.	0.7	20
49	Molecular docking and machine learning analysis of Abemaciclib in colon cancer. BMC Molecular and Cell Biology, 2020, 21, 52.	1.0	20
50	LIBP-Pred: web server for lipid binding proteins using structural network parameters; PDB mining of human cancer biomarkers and drug targets in parasites and bacteria. Molecular BioSystems, 2012, 8, 851.	2.9	19
51	Diagnostic and treatment delay, quality of life and satisfaction with care in colorectal cancer patients: a study protocol. Health and Quality of Life Outcomes, 2013, 11, 117.	1.0	19
52	Mapping chemical structure-activity information of HAART-drug cocktails over complex networks of AIDS epidemiology and socioeconomic data of U.S. counties. BioSystems, 2015, 132-133, 20-34.	0.9	19
53	EEG signal processing with separable convolutional neural network for automatic scoring of sleeping stage. Neurocomputing, 2020, 410, 220-228.	3.5	19
54	Machine Learning Techniques for Single Nucleotide Polymorphism–Disease Classification Models in Schizophrenia. Molecules, 2010, 15, 4875-4889.	1.7	17

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55	Hybrid Model Based on Genetic Algorithms and SVM Applied to Variable Selection within Fruit Juice Classification. Scientific World Journal, The, 2013, 2013, 1-13.	0.8	17
56	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.	0.7	17
57	Texture analysis in gel electrophoresis images using an integrative kernel-based approach. Scientific Reports, 2016, 6, 19256.	1.6	17
58	Automatic multiscale vascular image segmentation algorithm for coronary angiography. Biomedical Signal Processing and Control, 2018, 46, 1-9.	3.5	17
59	SELECTION OF VARIABLES BY GENETIC ALGORITHMS TO CLASSIFY APPLE BEVERAGES BY ARTIFICIAL NEURAL NETWORKS. Applied Artificial Intelligence, 2005, 19, 181-198.	2.0	15
60	A new hybrid evolutionary mechanism based on unsupervised learning for Connectionist Systems. Neurocomputing, 2007, 70, 2799-2808.	3.5	15
61	A new signal classification technique by means of Genetic Algorithms and kNN. , 2011, , .		15
62	Nanoinformatics: developing new computing applications for nanomedicine. Computing (Vienna/New) Tj ETQq0 0 0 rgBT /Overlock 10 T	3.2	15
63	Exploring the Psychosocial Impact of Wheelchair and Contextual Factors on Quality of Life of People with Neuromuscular Disorders. Assistive Technology, 2015, 27, 246-256.	1.2	15
64	Genetic music compositor. , 0, , .		14
65	BiOSS: A system for biomedical ontology selection. Computer Methods and Programs in Biomedicine, 2014, 114, 125-140.	2.6	14
66	A semantic interoperability approach to support integration of gene expression and clinical data in breast cancer. Computers in Biology and Medicine, 2017, 87, 179-186.	3.9	14
67	Automated early detection of drops in commercial egg production using neural networks. British Poultry Science, 2017, 58, 739-747.	0.8	14
68	Carbon Nanotubesâ€™ Effect on Mitochondrial Oxygen Flux Dynamics: Polarography Experimental Study and Machine Learning Models using Star Graph Trace Invariants of Raman Spectra. Nanomaterials, 2017, 7, 386.	1.9	14
69	Determining the burden of the family caregivers of people with neuromuscular diseases who use a wheelchair. Medicine (United States), 2018, 97, e11039.	0.4	14
70	Technologies for participatory medicine and health promotion in the elderly population. Medicine (United States), 2018, 97, e10791.	0.4	14
71	UAV swarm path planning with reinforcement learning for field prospecting. Applied Intelligence, 2022, 52, 14101-14118.	3.3	14
72	On the development of evolutionary artificial artists. Computers and Graphics, 2007, 31, 818-826.	1.4	13

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73	Automatic seizure detection based on star graph topological indices. Journal of Neuroscience Methods, 2012, 209, 410-419.	1.3	13
74	Markov mean properties for cell death-related protein classification. Journal of Theoretical Biology, 2014, 349, 12-21.	0.8	13
75	Gene Prioritization through Consensus Strategy, Enrichment Methodologies Analysis, and Networking for Osteosarcoma Pathogenesis. International Journal of Molecular Sciences, 2020, 21, 1053.	1.8	13
76	Machine learning analysis of TCGA cancer data. PeerJ Computer Science, 2021, 7, e584.	2.7	13
77	Microemulsions for Colorectal Cancer Treatments. General Considerations and Formulation of Methotrexate. Mini-Reviews in Medicinal Chemistry, 2016, 16, 498-508.	1.1	13
78	The Use of Computers and Augmentative and Alternative Communication Devices by Children and Young With Cerebral Palsy. Assistive Technology, 2011, 23, 135-149.	1.2	12
79	The Rücker–Markov invariants of complex Bio-Systems: Applications in Parasitology and Neuroinformatics. BioSystems, 2013, 111, 199-207.	0.9	12
80	Avoiding interference in planar arrays through the use of artificial neural networks. IEEE Antennas and Propagation Magazine, 2002, 44, 61-65.	1.2	11
81	Wearable Postural Control System for Low Back Pain Therapy. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-10.	2.4	11
82	A Genetic Algorithm for ANN Design, Training and Simplification. Lecture Notes in Computer Science, 2009, , 391-398.	1.0	11
83	Time Series Forecast with Anticipation Using Genetic Programming. Lecture Notes in Computer Science, 2005, , 968-975.	1.0	10
84	LECTINPred: web Server that Uses Complex Networks of Protein Structure for Prediction of Lectins with Potential Use as Cancer Biomarkers or in Parasite Vaccine Design. Molecular Informatics, 2014, 33, 276-285.	1.4	10
85	Amino acid pair- and triplet-wise groupings in the interior of α-helical segments in proteins. Journal of Theoretical Biology, 2011, 271, 136-144.	0.8	9
86	Net-Net Auto Machine Learning (AutoML) Prediction of Complex Ecosystems. Scientific Reports, 2018, 8, 12340.	1.6	9
87	Artificial Neural Networks Based on Brain Circuits Behaviour and Genetic Algorithms. Lecture Notes in Computer Science, 2005, , 99-106.	1.0	8
88	Biomedical Data Integration in Computational Drug Design and Bioinformatics. Current Computer-Aided Drug Design, 2013, 9, 108-117.	0.8	8
89	Mapping networks of anti-HIV drug cocktails vs. AIDS epidemiology in the US counties. Chemometrics and Intelligent Laboratory Systems, 2014, 138, 161-170.	1.8	8
90	Assessing Mouse Alternatives to Access to Computer: A Case Study of a User With Cerebral Palsy. Assistive Technology, 2014, 26, 33-44.	1.2	8

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91	Experimental and chemometric studies of cell membrane permeability. Chemometrics and Intelligent Laboratory Systems, 2016, 154, 1-6.	1.8	8
92	Development of an Automatic Low-Cost Air Quality Control System: A Radon Application. Applied Sciences (Switzerland), 2021, 11, 2169.	1.3	7
93	A Multi-criteria Approach for Automatic Ontology Recommendation Using Collective Knowledge. Intelligent Systems Reference Library, 2012, , 89-103.	1.0	7
94	DoME: A deterministic technique for equation development and Symbolic Regression. Expert Systems With Applications, 2022, 198, 116712.	4.4	7
95	Construction of a system for the access, storage and exploitation of data and medical images generated in radiology information systems (RIS). Informatics for Health and Social Care, 2002, 27, 203-218.	1.0	6
96	Necessary Security Mechanisms in a PACS DICOM Access System with Web Technology. Journal of Digital Imaging, 2002, 15, 107-111.	1.6	6
97	Diagnosis delay and follow-up strategies in colorectal cancer. Prognosis implications: a study protocol. BMC Cancer, 2010, 10, 528.	1.1	6
98	Experimental and computational studies of fatty acid distribution networks. Molecular BioSystems, 2015, 11, 2964-2977.	2.9	6
99	A Multi-Objective Approach for Anti-Osteosarcoma Cancer Agents Discovery through Drug Repurposing. Pharmaceuticals, 2020, 13, 409.	1.7	6
100	Using Genetic Programming for Character Discrimination in Damaged Documents. Lecture Notes in Computer Science, 2004, , 349-358.	1.0	6
101	Automatic Design of ANNs by Means of GP for Data Mining Tasks: Iris Flower Classification Problem. Lecture Notes in Computer Science, 2007, , 276-285.	1.0	6
102	PACS. International Journal of Computer Assisted Radiology and Surgery, 2006, 1, 87-105.	1.7	5
103	Letter to the Editor. Journal of Paediatrics and Child Health, 2010, 46, 68-69.	0.4	5
104	Using recurrent ANNs for the detection of epileptic seizures in EEG signals. , 2011, , .		5
105	Prediction of Nucleotide Binding Peptides Using Star Graph Topological Indices. Molecular Informatics, 2015, 34, 736-741.	1.4	5
106	Improvement of Epitope Prediction Using Peptide Sequence Descriptors and Machine Learning. International Journal of Molecular Sciences, 2019, 20, 4362.	1.8	5
107	A Recommender System to Help Discovering Cohorts in Rare Diseases. , 2020, , .		5
108	Markov Entropy Centrality: Chemical, Biological, Crime, and Legislative Networks. , 2011, , 199-258.		5

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109	Bio-AIMS Collection of Chemoinformatics Web Tools based on Molecular Graph Information and Artificial Intelligence Models. Combinatorial Chemistry and High Throughput Screening, 2015, 18, 735-750.	0.6	5
110	PATRICIA: An expert system that incorporates a patient-oriented approach for the management of ICU patients. , 1992, , .		4
111	Sensitivity analysis on neural networks for meteorological variable forecasting. , 0, , .		4
112	A Tree Classifier for Automatic Breast Tissue Classification Based on BIRADS Categories. Lecture Notes in Computer Science, 2011, , 580-587.	1.0	4
113	Using genetic algorithms to improve support vector regression in the analysis of atomic spectra of lubricant oils. Engineering Computations, 2016, 33, 995-1005.	0.7	4
114	Modeling of Energy Efficiency for Residential Buildings Using Artificial Neuronal Networks. Advances in Civil Engineering, 2018, 2018, 1-10.	0.4	4
115	Population subset selection for the use of a validation dataset for overfitting control in genetic programming. Journal of Experimental and Theoretical Artificial Intelligence, 2020, 32, 243-271.	1.8	4
116	Discovery of novel immunopharmacological ligands targeting the IL-17 inflammatory pathway. International Immunopharmacology, 2020, 89, 107026.	1.7	4
117	Perturbation-Theory Machine Learning (PTML) Multilabel Model of the ChEMBL Dataset of Preclinical Assays for Antisarcoma Compounds. ACS Omega, 2020, 5, 27211-27220.	1.6	4
118	Classical Music Prediction and Composition by Means of Variational Autoencoders. Applied Sciences (Switzerland), 2020, 10, 3053.	1.3	4
119	Applicability of Clinical Decision Support in Management among Patients Undergoing Cardiac Surgery in Intensive Care Unit: A Systematic Review. Applied Sciences (Switzerland), 2021, 11, 2880.	1.3	4
120	Rules and Generalization Capacity Extraction from ANN with GP. Lecture Notes in Computer Science, 2003, , 606-613.	1.0	4
121	Biomedical data integration in computational drug design and bioinformatics. Current Computer-Aided Drug Design, 2013, 9, 108-17.	0.8	4
122	A connectionist approach to predict antenatal outcome. , 1992, , .		3
123	Design and implementation of a DICOM PACS with secure access via Internet. , 0, , .		3
124	Development of a system for access to and exploitation of medical images. , 0, , .		3
125	Artificial Neural Networks Manipulation Server: Research on the Integration of Databases and Artificial Neural Networks. Neural Computing and Applications, 2002, 11, 3-16.	3.2	3
126	Evolving simple feed-forward and recurrent ANNs for signal classification: A comparison. , 2009, , .		3

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127	Retrieval and management of medical information from heterogeneous sources, for its integration in a medical record visualisation tool. International Journal of Electronic Healthcare, 2010, 5, 371.	0.2	3
128	Data Analysis in Chemistry and Bio-Medical Sciences. International Journal of Molecular Sciences, 2016, 17, 2105.	1.8	3
129	Experimental Study and ANN Dual-Time Scale Perturbation Model of Electrokinetic Properties of Microbiota. Frontiers in Microbiology, 2017, 8, 1216.	1.5	3
130	Automatic Recurrent and Feed-Forward ANN Rule and Expression Extraction with Genetic Programming. Lecture Notes in Computer Science, 2002, , 485-494.	1.0	3
131	Parallel Computing for Brain Simulation. Current Topics in Medicinal Chemistry, 2017, 17, 1646-1668.	1.0	3
132	Identification of predictive factors of the degree of adherence to the Mediterranean diet through machine-learning techniques. PeerJ Computer Science, 2020, 6, e287.	2.7	3
133	Machine learning in management of precautionary closures caused by lipophilic biotoxins. Computers and Electronics in Agriculture, 2022, 197, 106956.	3.7	3
134	Neural computing in medicine. Artificial Intelligence in Medicine, 1994, 6, 355-357.	3.8	2
135	Automatic recurrent ANN rule extraction with genetic programming. , 0, , .		2
136	Framework of a system for the management and assistance in analysis of medical images. , 0, , .		2
137	An Application Framework for Building Evolutionary Computer Systems in Music. Leonardo, 2003, 36, 61-64.	0.2	2
138	Development and Implementation of a Secure, Integrated Management System for Medical Images and Electronic Clinical Records for Small Hospitals. Telemedicine Journal and E-Health, 2007, 13, 303-312.	1.6	2
139	Prediction of item psychometric indices from item characteristics automatically extracted from the stem and option text. International Journal of Continuing Engineering Education and Life-Long Learning, 2011, 21, 210.	0.1	2
140	Data Integration in Genomic Medicine: Trends and Applications. Yearbook of Medical Informatics, 2012, 21, 117-125.	0.8	2
141	Biomedical Data Integration in Computational Drug Design and Bioinformatics. Current Computer-Aided Drug Design, 2013, 9, 108-117.	0.8	2
142	Net-Net AutoML Selection of Artificial Neural Network Topology for Brain Connectome Prediction. Applied Sciences (Switzerland), 2020, 10, 1308.	1.3	2
143	A Recommender System to Help Refining Clinical Research Studies. Studies in Health Technology and Informatics, 2021, 281, 327-331.	0.2	2
144	Annotation of Colorectal Cancer Data Using the UMLS Metathesaurus. Lecture Notes in Computer Science, 2008, , 58-65.	1.0	2

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145	High Order Texture-Based Analysis in Biomedical Images. Current Medical Imaging, 2014, 9, 309-317.	0.4	2
146	MI-NODES Multiscale Models of Metabolic Reactions, Brain Connectome, Ecological, Epidemic, World Trade, and Legal-Social Networks. Current Bioinformatics, 2015, 10, 692-713.	0.7	2
147	The Ability of MEAs Containing Cultured Neuroglial Networks to Process Information. Current Bioinformatics, 2011, 6, 199-214.	0.7	2
148	Hybrid Two-Population Genetic Algorithm. Lecture Notes in Computer Science, 2001, , 464-470.	1.0	2
149	An Update of In Silico Tools for the Prediction of Pathogenesis in Missense Variants. Current Bioinformatics, 2011, 6, 185-198.	0.7	2
150	A model of virtual 'learning to learn'. , 0, , .		1
151	Integrated Computer-based System For Medical Assistance In Emergencies. , 0, , .		1
152	MESTRIMAN: An expert system for medical triage and clinical management of patients in catastrophes. Expert Systems With Applications, 1993, 6, 449-457.	4.4	1
153	EEIE: an expert system for environmental impact evaluation. , 0, , .		1
154	Development of an Information System for Multicenter Epidemiologic Studies on Cancer. , 2007, , .		1
155	Developing a system for advanced monitoring and intelligent drug administration in critical care units using ontologies. International Journal of Knowledge-Based and Intelligent Engineering Systems, 2013, 17, 45-53.	0.7	1
156	Classification of Two-channel Signals by Means of Genetic Programming. , 2015, , .		1
157	A generalized linear model for cardiovascular complications prediction in PD patients. , 2018, , .		1
158	USEDAT: USA-Europe Data Analysis Training Worldwide Program, 2019 ed.. , 0, , .		1
159	Enhancing Decision-making Systems with Relevant Patient Information by Leveraging Clinical Notes. , 2020, , .		1
160	Estudio sobre nivel de independencia y necesidad de recursos de apoyo en una población con enfermedades neuromusculares. Revista Española De Discapacidad, 2018, 6, 131-147.	0.1	1
161	Using Reinforcement Learning in the Path Planning of Swarms of UAVs for the Photographic Capture of Terrains. Engineering Proceedings, 2021, 7, 32.	0.4	1
162	Restoration of Old Documents with Genetic Algorithms. Lecture Notes in Computer Science, 2003, , 432-443.	1.0	1

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163	Extracting Knowledge from Databases and ANNs with Genetic Programming. , 2004, , 137-153.		1
164	Protein Graphs in Cancer Prediction. , 2010, , 125-140.		1
165	SNP-Schizo: A Web Tool for Schizophrenia SNP Sequence Classification. Lecture Notes in Computer Science, 2011, , 252-259.	1.0	1
166	Database Analysis with ANNs by means of Graph Evolution. , 2013, , 704-718.		1
167	Ethical and legal issues in the clinical practice of primary health care. Frontiers in Bioscience - Elite, 2013, E5, 435-445.	0.9	1
168	The Evaluations of Environmental Impact: Cooperative Systems. , 1994, , 288-291.		1
169	An Analysis of the Current Implementations Based on the WebAuthn and FIDO Authentication Standards. Engineering Proceedings, 0, , .	0.4	1
170	Database Analysis with ANNs by means of Graph Evolution. , 0, , 79-93.		1
171	A Recommender System Based on Cohorts' Similarity. Studies in Health Technology and Informatics, 2020, 270, 1183-1184.	0.2	1
172	An approach to recognition of human patterns in movement. , 0, , .		0
173	Connectionist system for music interpretation. , 0, , .		0
174	Integrated system to access medical images in the intranet and the extranet. , 0, , .		0
175	Knowledge Management and Interactive Learning. Lecture Notes in Computer Science, 2004, , 481-482.	1.0	0
176	Study of classical conditioning in **_Aplysia_** through the implementation of computational models of its learning circuit. Journal of Experimental and Theoretical Artificial Intelligence, 2007, 19, 119-158.	1.8	0
177	Efficiency in the Transmission of Information Through Digital Imaging and Communications in Medicine Using Security Mechanisms: Tests with DISCUS. Telemedicine Journal and E-Health, 2010, 16, 620-626.	1.6	0
178	Shorter, more reliable and valid tests by means of a genetic algorithm. , 2010, , .		0
179	Framework of fully integrated hybrid systems. Neural Computing and Applications, 2012, 21, 45-53.	3.2	0
180	Editorial (Hot Topic: Artificial Intelligence Techniques in Medicinal Chemistry). Current Topics in Medicinal Chemistry, 2013, 13, 525-525.	1.0	0

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181	Knowledge management for chronic patient control and monitoring. , 2014, , .		0
182	Integrative multi-omics data-driven approach for metastasis prediction in cancer. , 2018, , .		0
183	Use of Multiple Astrocytic Configurations within an Artificial Neuro-Astrocytic Network. Proceedings (mdpi), 2019, 21, .	0.2	0
184	Translational Bioinformatics: Informatics, Medicine, and -Omics. , 2019, , 507-514.		0
185	Fringe Pattern Denoising using U-Net based neural network. EPJ Web of Conferences, 2020, 238, 06009.	0.1	0
186	Probiotic: First Prescriptive Application of Probiotics in Spain. Proceedings (mdpi), 2020, 54, .	0.2	0
187	First Multiplatform Application for Pharmacies in Spain, Which Guides the Prescription of Probiotics According to Pathology. Applied Sciences (Switzerland), 2021, 11, 1572.	1.3	0
188	Using Machine Learning to Collect and Facilitate Remote Access to Biomedical Databases: Development of the Biomedical Database Inventory. JMIR Medical Informatics, 2021, 9, e22976.	1.3	0
189	Leveraging Clinical Notes for Enhancing Decision-Making Systems with Relevant Patient Information. Communications in Computer and Information Science, 2021, , 521-540.	0.4	0
190	PRACTICUM DIRECT Simulator for Decision Making during Pandemics. Engineering Proceedings, 0, , .	0.4	0
191	Analysis of Medical Diagnostic Images via the Implementation and Access to a Safe DICOMPACS with a Web Interface: Analysis of Contrast-enhanced CT Imaging of Oral and Oropharyngeal Carcinomas. Lecture Notes in Computer Science, 2001, , 213-218.	1.0	0
192	Neuroglial Behaviour in Computer Science. , 2006, , 1-21.		0
193	Neuroglial Behaviour in Computer Science. , 2008, , 1919-1935.		0
194	Knowledge Management as the Future of E-Learning. , 2008, , 3336-3342.		0
195	Recent Methodology in Connectionist Systems. , 2009, , 94-106.		0
196	NEURONSESSIONS: A Web-Based Collaborative Tool to Create Brain Computational Models. Advances in Experimental Medicine and Biology, 2010, 680, 635-642.	0.8	0
197	Automatic Fish Segmentation on Vertical Slot Fishways Using SOM Neural Networks. Lecture Notes in Computer Science, 2013, , 445-452.	1.0	0
198	Algoritmos genÃ©ticos para el entrenamiento de redes de neuronas artificiales (RNA) recurrentes con activaciones temporales. Inteligencia Artificial, 1998, 2, .	0.5	0

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