

Victor Maojo

List of Publications by Year in descending order

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44
papers

787
citations

759055

12
h-index

526166

27
g-index

45
all docs

45
docs citations

45
times ranked

727
citing authors

#	ARTICLE	IF	CITATIONS
1	A review on machine learning approaches and trends in drug discovery. Computational and Structural Biotechnology Journal, 2021, 19, 4538-4558.	1.9	168
2	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
3	A deep learning approach using synthetic images for segmenting and estimating 3D orientation of nanoparticles in EM images. Computer Methods and Programs in Biomedicine, 2021, 202, 105958.	2.6	13
4	Translational Bioinformatics: Informatics, Medicine, and -Omics. , 2019, , 507-514.		0
5	Research Strategies for Biomedical and Health Informatics. Methods of Information in Medicine, 2017, 56, e1-e10.	0.7	10
6	Carbon Nanotubes™ 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
7	Discussion of "The New Role of Biomedical Informatics in the Age of Digital Medicine". Methods of Information in Medicine, 2016, 55, 403-421.	0.7	8
8	A method and software framework for enriching private biomedical sources with data from public online repositories. Journal of Biomedical Informatics, 2016, 60, 177-186.	2.5	2
9	Towards the taxonomic categorization and recognition of nanoparticle shapes. Nanomedicine: Nanotechnology, Biology, and Medicine, 2015, 11, 457-465.	1.7	11
10	A Machine Learning Approach to Identify Clinical Trials Involving Nanodrugs and Nanodevices from ClinicalTrials.gov. PLoS ONE, 2014, 9, e110331.	1.1	10
11	Past and Next 10 Years of Medical Informatics. Journal of Medical Systems, 2014, 38, 74.	2.2	13
12	RDFBuilder: A tool to automatically build RDF-based interfaces for MAGE-OM microarray data sources. Computer Methods and Programs in Biomedicine, 2013, 111, 220-227.	2.6	6
13	Identifying gaps in health research and training in Africa: Designing online surveys for Cloud-oriented training. , 2013, , .		1
14	Note on Friedman's "what informatics is and isn't": Figure 1. Journal of the American Medical Informatics Association: JAMIA, 2013, 20, e365-e366.	2.2	4
15	Using Nanoinformatics Methods for Automatically Identifying Relevant Nanotoxicology Entities from the Literature. BioMed Research International, 2013, 2013, 1-9.	0.9	20
16	NCBI2RDF: Enabling Full RDF-Based Access to NCBI Databases. BioMed Research International, 2013, 2013, 1-9.	0.9	10
17	The Impact of Computer Science in Molecular Medicine: Enabling High- Throughput Research. Current Topics in Medicinal Chemistry, 2013, 13, 526-575.	1.0	13
18	Nanoinformatics: a new area of research in nanomedicine. International Journal of Nanomedicine, 2012, 7, 3867.	3.3	56

#	ARTICLE	IF	CITATIONS
19	Nanoinformatics: developing new computing applications for nanomedicine. Computing (Vienna/New) Tj ETQq1 1 0.784314 15 BT /Over	3.2	15
20	Nanoinformatics: Developing Advanced Informatics Applications for Nanomedicine. Fundamental Biomedical Technologies, 2011, , 847-860.	0.2	6
21	Cloud Computing Service for Managing Large Medical Image Data-Sets Using Balanced Collaborative Agents. Advances in Intelligent and Soft Computing, 2011, , 265-270.	0.2	6
22	A Review of Methods and Tools for Database Integration in Biomedicine. Current Bioinformatics, 2010, 5, 253-269.	0.7	9
23	On distributing load in cloud computing: A real application for very-large image datasets. Procedia Computer Science, 2010, 1, 2669-2677.	1.2	34
24	PubDNA Finder: a web database linking full-text articles to sequences of nucleic acids. Bioinformatics, 2010, 26, 2801-2802.	1.8	10
25	Nanoinformatics and DNA-Based Computing: Catalyzing Nanomedicine. Pediatric Research, 2010, 67, 481-489.	1.1	56
26	BIRI: a new approach for automatically discovering and indexing available public bioinformatics resources from the literature. BMC Bioinformatics, 2009, 10, 320.	1.2	27
27	European efforts in nanoinformatics research applied to nanomedicine. Studies in Health Technology and Informatics, 2009, 150, 757-61.	0.2	6
28	The Strong Property of Morphological Connected Alternated Filters. Journal of Mathematical Imaging and Vision, 2008, 32, 251-263.	0.8	7
29	Training Multidisciplinary Biomedical Informatics Students: Three Years of Experience. Journal of the American Medical Informatics Association: JAMIA, 2008, 15, 246-254.	2.2	11
30	Automatic Generation of Integration and Preprocessing Ontologies for Biomedical Sources in a Distributed Scenario. , 2008, , .		3
31	A method for indexing biomedical resources over the internet. Studies in Health Technology and Informatics, 2008, 136, 163-8.	0.2	1
32	Biomedical Informatics and HealthGRIDs: A European Perspective - Past and Current Efforts and Projects in the Synergy of Bioinformatics and Medical Informatics. IEEE Engineering in Medicine and Biology Magazine, 2007, 26, 34-41.	1.1	12
33	Guest Editorial Introduction to the Special Issue on Biomedical Informatics: Research and Applications. IEEE Transactions on Information Technology in Biomedicine, 2007, 11, 361-363.	3.6	0
34	Logical schema acquisition from text-based sources for structured and non-structured biomedical sources integration. AMIA ... Annual Symposium proceedings, 2007, , 259-63.	0.2	3
35	Reflections on biomedical informatics: from cybernetics to genomic medicine and nanomedicine. Studies in Health Technology and Informatics, 2006, 124, 19-24.	0.2	1
36	The INFOBIOMED Network of Excellence: facilitating training and mobility in biomedical informatics in Europe. Studies in Health Technology and Informatics, 2006, 124, 893-8.	0.2	3

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37	INFOBIOMED: European Network of Excellence on Biomedical Informatics to support individualised healthcare. AMIA ... Annual Symposium proceedings, 2005, , 1041.	0.2	2
38	Domain-Specific Particularities of Data Mining: Lessons Learned. Lecture Notes in Computer Science, 2004, , 235-242.	1.0	4
39	Bioinformatics and Medical Informatics: Collaborations on the Road to Genomic Medicine?. Journal of the American Medical Informatics Association: JAMIA, 2003, 10, 515-522.	2.2	76
40	Morphological Image Reconstruction with Criterion from Labelled Markers. Lecture Notes in Computer Science, 2003, , 475-484.	1.0	3
41	On the Strong Property of Connected Open-Close and Close-Open Filters. Lecture Notes in Computer Science, 2002, , 165-174.	1.0	2
42	Medical Informatics and Bioinformatics: European Efforts to Facilitate Synergy. Journal of Biomedical Informatics, 2001, 34, 423-427.	2.5	27
43	Design of Virtual Reality Systems for Education: A Cognitive Approach. Education and Information Technologies, 2000, 5, 345-362.	3.5	74
44	New results on the theory of morphological filters by reconstruction. Pattern Recognition, 1998, 31, 419-429.	5.1	29