

Fernando J Martin-Sanchez

List of Publications by Year in descending order

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Version: 2024-02-01

99
papers

2,691
citations

279701

23
h-index

197736

49
g-index

104
all docs

104
docs citations

104
times ranked

3911
citing authors

#	ARTICLE	IF	CITATIONS
1	Relationship between Autism Spectrum Disorder and Pesticides: A Systematic Review of Human and Preclinical Models. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 5190.	1.2	22
2	Use of informatics to characterise the exposome of COVID-19. <i>BMJ Health and Care Informatics</i> , 2021, 28, e100371.	1.4	1
3	Generating Data Models to Manage Individual Information Related to Environmental Risk Factors and Social Determinants of Health. <i>Lecture Notes in Computer Science</i> , 2021, , 234-244.	1.0	0
4	Progress in Characterizing the Human Exposome: a Key Step for Precision Medicine. <i>Yearbook of Medical Informatics</i> , 2020, 29, 115-120.	0.8	9
5	Big Data Challenges from an Integrative Exposome/Exposure Perspective. <i>Lecture Notes in Bioengineering</i> , 2019, , 127-141.	0.3	3
6	Secondary Use and Analysis of Big Data Collected for Patient Care. <i>Yearbook of Medical Informatics</i> , 2017, 26, 28-37.	0.8	45
7	Analytics and Decision Support Systems in Global Health Informatics. , 2017, , 195-217.		3
8	Single Subject (N-of-1) Research Design, Data Processing, and Personal Science. <i>Methods of Information in Medicine</i> , 2017, 56, 416-418.	0.7	20
9	Research Strategies for Biomedical and Health Informatics. <i>Methods of Information in Medicine</i> , 2017, 56, e1-e10.	0.7	10
10	Person-generated Data in Self-quantification. <i>Methods of Information in Medicine</i> , 2017, 56, 40-45.	0.7	10
11	Refining the Concepts of Self-quantification Needed for Health Self-management. <i>Methods of Information in Medicine</i> , 2017, 56, 46-54.	0.7	15
12	Added Value from Secondary Use of Person Generated Health Data in Consumer Health Informatics. <i>Yearbook of Medical Informatics</i> , 2017, 26, 160-171.	0.8	18
13	Development and Validation of a Taxonomy for Characterizing Measurements in Health Self-Quantification. <i>Journal of Medical Internet Research</i> , 2017, 19, e378.	2.1	5
14	Biomedical Informatics and the Digital Component of the Exposome. <i>Studies in Health Technology and Informatics</i> , 2017, 245, 496-500.	0.2	3
15	The Australian Health Informatics Competencies Framework and Its Role in the Certified Health Informatician Australasia (CHIA) Program. <i>Studies in Health Technology and Informatics</i> , 2017, 245, 783-787.	0.2	4
16	The New Role of Biomedical Informatics in the Age of Digital Medicine. <i>Methods of Information in Medicine</i> , 2016, 55, 392-402.	0.7	14
17	Comment on "Discovering hospital admission patterns using models learnt from electronic hospital records". The importance of using the right codes. <i>Bioinformatics</i> , 2016, 32, 2079-2080.	1.8	1
18	Real-time prediction of mortality, readmission, and length of stay using electronic health record data. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2016, 23, 553-561.	2.2	85

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19	Activity Theory as a Theoretical Framework for Health Self-Quantification: A Systematic Review of Empirical Studies. <i>Journal of Medical Internet Research</i> , 2016, 18, e131.	2.1	27
20	Patient Participation in Chronic Pain Management Through Social Media: A Clinical Study. <i>Studies in Health Technology and Informatics</i> , 2016, 225, 577-81.	0.2	8
21	The Genomic Medicine Game. <i>Studies in Health Technology and Informatics</i> , 2016, 228, 750-4.	0.2	0
22	The use of self-quantification systems for personal health information: big data management activities and prospects. <i>Health Information Science and Systems</i> , 2015, 3, S1.	3.4	68
23	HISA big data in biomedicine and healthcare 2013 conference. <i>Health Information Science and Systems</i> , 2015, 3, I1.	3.4	1
24	Lactococcus garvieae: a small bacteria and a big data world. <i>Health Information Science and Systems</i> , 2015, 3, S5.	3.4	8
25	A systematic review of types and efficacy of online interventions for cancer patients. <i>Patient Education and Counseling</i> , 2015, 98, 283-295.	1.0	125
26	Patient-Reported Outcomes and Therapeutic Affordances of Social Media: Findings From a Global Online Survey of People With Chronic Pain. <i>Journal of Medical Internet Research</i> , 2015, 17, e20.	2.1	59
27	Using Social Media While Waiting in Pain: A Clinical 12-Week Longitudinal Pilot Study. <i>JMIR Research Protocols</i> , 2015, 4, e101.	0.5	7
28	Personalised Medicine Possible With Real-Time Integration of Genomic and Clinical Data To Inform Clinical Decision-Making. <i>Studies in Health Technology and Informatics</i> , 2015, 216, 1052.	0.2	2
29	Enabling Self-Monitoring Data Exchange in Participatory Medicine. <i>Studies in Health Technology and Informatics</i> , 2015, 216, 1102.	0.2	4
30	Big Data in Medicine Is Driving Big Changes. <i>Yearbook of Medical Informatics</i> , 2014, 23, 14-20.	0.8	119
31	Biomedical Informatics Methods for Personalized Medicine and Participatory Health. , 2014, , 347-394.		8
32	Exposome informatics: considerations for the design of future biomedical research information systems. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2014, 21, 386-390.	2.2	63
33	Therapeutic Affordances of Social Media: Emergent Themes From a Global Online Survey of People With Chronic Pain. <i>Journal of Medical Internet Research</i> , 2014, 16, e284.	2.1	68
34	Immunoinformatics and Systems Biology in Personalized Medicine. <i>Methods in Molecular Biology</i> , 2014, 1184, 457-475.	0.4	1
35	Is Precision Medicine different from Personalised Medicine? A Biomedical informatics perspective. <i>Studies in Health Technology and Informatics</i> , 2014, 202, 20-3.	0.2	4
36	Proposal for a Standardised Reporting Guideline to Annotate Health-related Self-Quantification Experiments. <i>Studies in Health Technology and Informatics</i> , 2014, 202, 79-82.	0.2	4

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37	Preface. Historically the use of IT was administrative, financial, or statistical. <i>Studies in Health Technology and Informatics</i> , 2014, 204, v-vi.	0.2	0
38	Health outcomes and related effects of using social media in chronic disease management: A literature review and analysis of affordances. <i>Journal of Biomedical Informatics</i> , 2013, 46, 957-969.	2.5	263
39	Social Media for the Promotion of Holistic Self-Participatory Care: An Evidence Based Approach. <i>Yearbook of Medical Informatics</i> , 2013, 22, 162-168.	0.8	11
40	New Approaches in Data Integration for Systems Chemical Biology. <i>Current Topics in Medicinal Chemistry</i> , 2013, 13, 591-601.	1.0	4
41	Developing a Framework to Generate Evidence of Health Outcomes From Social Media Use in Chronic Disease Management. <i>Medicine 2 0</i> , 2013, 2, e3.	2.4	17
42	Anonymizing patient genomic data for public sharing association studies. <i>Studies in Health Technology and Informatics</i> , 2013, 192, 979.	0.2	0
43	Social Media for the Promotion of Holistic Self-Participatory Care: An Evidence Based Approach. Contribution of the IMIA Social Media Working Group. <i>Yearbook of Medical Informatics</i> , 2013, 8, 162-8.	0.8	13
44	Discussion of "Biomedical informatics: we are what we publish". <i>Methods of Information in Medicine</i> , 2013, 52, 547-62.	0.7	5
45	Colon cancer molecular subtypes identified by expression profiling and associated to stroma, mucinous type and different clinical behavior. <i>BMC Cancer</i> , 2012, 12, 260.	1.1	110
46	Nanoinformatics: developing new computing applications for nanomedicine. <i>Computing (Vienna/New)</i> 3, 2012, 15.	3.2	15
47	Youthful domain of health informatics. <i>Studies in Health Technology and Informatics</i> , 2012, 178, v.	0.2	0
48	International Efforts in Nanoinformatics Research Applied to Nanomedicine. <i>Methods of Information in Medicine</i> , 2011, 50, 84-95.	0.7	20
49	50 Years of Informatics Research on Decision Support: What's Next. <i>Methods of Information in Medicine</i> , 2011, 50, 525-535.	0.7	24
50	Biomedical Informatics – A Confluence of Disciplines?. <i>Methods of Information in Medicine</i> , 2011, 50, 508-524.	0.7	16
51	Direct association between pharyngeal viral secretion and host cytokine response in severe pandemic influenza. <i>BMC Infectious Diseases</i> , 2011, 11, 232.	1.3	24
52	An artificial neural network improves the non-invasive diagnosis of significant fibrosis in HIV/HCV coinfecting patients. <i>Journal of Infection</i> , 2011, 62, 77-86.	1.7	31
53	Microarrays and Colon Cancer in the Road for Translational Medicine. <i>Current Bioinformatics</i> , 2011, 6, 145-162.	0.7	3
54	A method for automatically extracting infectious disease-related primers and probes from the literature. <i>BMC Bioinformatics</i> , 2010, 11, 410.	1.2	7

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55	Analysis of the genome content of <i>Lactococcus garvieae</i> by genomic interspecies microarray hybridization. <i>BMC Microbiology</i> , 2010, 10, 79.	1.3	11
56	Recommendations of the International Medical Informatics Association (IMIA) on Education in Biomedical and Health Informatics. <i>Methods of Information in Medicine</i> , 2010, 49, 105-120.	0.7	204
57	Training Health Professionals in Bioinformatics. <i>Methods of Information in Medicine</i> , 2010, 49, 299-304.	0.7	8
58	Host adaptive immunity deficiency in severe pandemic influenza. <i>Critical Care</i> , 2010, 14, R167.	2.5	145
59	Nanoinformatics and DNA-Based Computing: Catalyzing Nanomedicine. <i>Pediatric Research</i> , 2010, 67, 481-489.	1.1	56
60	Translational bioinformatics. <i>Studies in Health Technology and Informatics</i> , 2010, 151, 312-37.	0.2	0
61	Biomedical Informatics and the Convergence of Nano-Bio-Info-Cogno (NBIC) Technologies. <i>Yearbook of Medical Informatics</i> , 2009, 18, 134-142.	0.8	3
62	European efforts in nanoinformatics research applied to nanomedicine. <i>Studies in Health Technology and Informatics</i> , 2009, 150, 757-61.	0.2	6
63	Biomedical informatics and the convergence of Nano-Bio-Info-Cogno (NBIC) technologies. <i>Yearbook of Medical Informatics</i> , 2009, , 134-42.	0.8	0
64	A Primer in Knowledge Management for Nanoinformatics in Medicine. <i>Lecture Notes in Computer Science</i> , 2008, , 66-72.	1.0	8
65	Commentaries on "Informatics and medicine: from molecules to populations". <i>Methods of Information in Medicine</i> , 2008, 47, 296-317.	0.7	4
66	SYMBIOmatics: Synergies in Medical Informatics and Bioinformatics – exploring current scientific literature for emerging topics. <i>BMC Bioinformatics</i> , 2007, 8, S18.	1.2	18
67	Data integration and genomic medicine. <i>Journal of Biomedical Informatics</i> , 2007, 40, 5-16.	2.5	147
68	An agent- and ontology-based system for integrating public gene, protein, and disease databases. <i>Journal of Biomedical Informatics</i> , 2007, 40, 17-29.	2.5	75
69	Oligonucleotide microarray design for detection and serotyping of human respiratory adenoviruses by using a virtual amplicon retrieval software. <i>Journal of Virological Methods</i> , 2007, 145, 127-136.	1.0	16
70	Morphological Granulometric Features of Nucleus in Automatic Bone Marrow White Blood Cell Classification. <i>IEEE Transactions on Information Technology in Biomedicine</i> , 2007, 11, 353-359.	3.6	134
71	Medical Informatics and Bioinformatics: A Bibliometric Study. <i>IEEE Transactions on Information Technology in Biomedicine</i> , 2007, 11, 237-243.	3.6	27
72	Guest Editorial Introduction to the Special Issue on Biomedical Informatics: Research and Applications. <i>IEEE Transactions on Information Technology in Biomedicine</i> , 2007, 11, 361-363.	3.6	0

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73	Designing New Methodologies for Integrating Biomedical Information in Clinical Trials. <i>Methods of Information in Medicine</i> , 2006, 45, 180-185.	0.7	20
74	Analysis and Management of HIV Peptide Microarray Experiments. <i>Methods of Information in Medicine</i> , 2006, 45, 158-162.	0.7	9
75	ONTOFUSION: Ontology-based integration of genomic and clinical databases. <i>Computers in Biology and Medicine</i> , 2006, 36, 712-730.	3.9	90
76	Analysis and management of HIV peptide microarray experiments. <i>Methods of Information in Medicine</i> , 2006, 45, 158-62.	0.7	3
77	Designing new methodologies for integrating biomedical information in clinical trials. <i>Methods of Information in Medicine</i> , 2006, 45, 180-5.	0.7	7
78	Integrating medical and genomic data: a successful example for rare diseases. <i>Studies in Health Technology and Informatics</i> , 2006, 124, 125-30.	0.2	5
79	Grid Requirements for the Integration of Biomedical Information Resources for Health Applications. <i>Methods of Information in Medicine</i> , 2005, 44, 161-167.	0.7	11
80	Microarray Data Analysis and Management in Colorectal Cancer. <i>Lecture Notes in Computer Science</i> , 2005, , 391-400.	1.0	2
81	A Bioinformatic Approach to Epigenetic Susceptibility in Non-disjunctional Diseases. <i>Lecture Notes in Computer Science</i> , 2005, , 120-129.	1.0	0
82	Integration of Genetic and Medical Information Through a Web Crawler System. <i>Lecture Notes in Computer Science</i> , 2005, , 78-88.	1.0	3
83	INFOBIOMED: European Network of Excellence on Biomedical Informatics to support individualised healthcare. <i>AMIA ... Annual Symposium proceedings</i> , 2005, , 1041.	0.2	2
84	Grid requirements for the integration of biomedical information resources for health applications. <i>Methods of Information in Medicine</i> , 2005, 44, 161-7.	0.7	2
85	Bioinformatics: Towards New Directions for Public Health. <i>Methods of Information in Medicine</i> , 2004, 43, 208-214.	0.7	26
86	Public Health Implications of Bioinformatics. <i>Yearbook of Medical Informatics</i> , 2004, 13, 137-143.	0.8	0
87	Synergy between medical informatics and bioinformatics: facilitating genomic medicine for future health care. <i>Journal of Biomedical Informatics</i> , 2004, 37, 30-42.	2.5	129
88	DiseaseCard: A Web-Based Tool for the Collaborative Integration of Genetic and Medical Information. <i>Lecture Notes in Computer Science</i> , 2004, , 409-417.	1.0	9
89	Bioinformatics: towards new directions for public health. <i>Methods of Information in Medicine</i> , 2004, 43, 208-14.	0.7	6
90	Establishing an Agenda for Biomedical Informatics. <i>Methods of Information in Medicine</i> , 2003, 42, 121-125.	0.7	9

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91	A Virtual Approach to Integrating Biomedical Databases and Terminologies. Lecture Notes in Computer Science, 2003, , 31-38.	1.0	1
92	Establishing an agenda for biomedical informatics. Methods of Information in Medicine, 2003, 42, 121-5.	0.7	1
93	Integrating Genomics into Health Information Systems. Methods of Information in Medicine, 2002, 41, 25-30.	0.7	43
94	BIKMAS: A Knowledge Engineering System for Bioinformatics. Lecture Notes in Computer Science, 2002, , 435-440.	1.0	0
95	Integrating genomics into health information systems. Methods of Information in Medicine, 2002, 41, 25-30.	0.7	6
96	Medical Informatics and Bioinformatics: European Efforts to Facilitate Synergy. Journal of Biomedical Informatics, 2001, 34, 423-427.	2.5	27
97	Integrated Computer-based System For Medical Assistance In Emergencies. , 0, , .		1
98	INBIOMED: a platform for the integration and sharing of genetic, clinical and epidemiological data oriented to biomedical research. , 0, , .		2
99	European support to biomedical informatics development: in pursue of genomic medicine. , 0, , .		0