Ricardo Valentim

List of Publications by Year
in descending order

61 papers	704 citations	933447 10 h-index	610901 24 g-index
64 all docs	64 docs citations	64 times ranked	608 citing authors

#	ARTICLE	IF	CITATIONS
1	Computer-aided detection (CADe) and diagnosis (CADx) system for lung cancer with likelihood of malignancy. BioMedical Engineering OnLine, 2016, 15, 2.	2.7	162
2	Computer-aided detection system for lung cancer in computed tomography scans: Review and future prospects. BioMedical Engineering OnLine, 2014, 13, 41.	2.7	119
3	miRNAs as biomarkers for early cancer detection and their application in the development of new diagnostic tools. BioMedical Engineering OnLine, 2021, 20, 21.	2.7	67
4	Machine learning applied to retinal image processing for glaucoma detection: review and perspective. BioMedical Engineering OnLine, 2020, 19, 20.	2.7	49
5	The theory of learning styles applied to distance learning. Cognitive Systems Research, 2020, 64, 134-145.	2.7	29
6	Biomedical signals and machine learning in amyotrophic lateral sclerosis: a systematic review. BioMedical Engineering OnLine, 2021, 20, 61.	2.7	24
7	Analyzing the reach of public health campaigns based on multidimensional aspects: the case of the syphilis epidemic in Brazil. BMC Public Health, 2021, 21, 1632.	2.9	24
8	Real Time QRS Detection Based on Redundant Discrete Wavelet Transform. IEEE Latin America Transactions, 2016, 14, 1662-1668.	1.6	20
9	Use of Interrupted Time Series Analysis in Understanding the Course of the Congenital Syphilis Epidemic in Brazil. The Lancet Regional Health Americas, 2022, 7, 100163.	2.6	20
10	Stochastic Petri net model describing the relationship between reported maternal and congenital syphilis cases in Brazil. BMC Medical Informatics and Decision Making, 2022, 22, 40.	3.0	19
11	Efficient machine learning approach for volunteer eye-blink detection in real-time using webcam. Expert Systems With Applications, 2022, 188, 116073.	7.6	14
12	Identification of Learning Styles in Distance Education Through the Interaction of the Student With a Learning Management System. Revista Iberoamericana De Tecnologias Del Aprendizaje, 2020, 15, 148-160.	0.9	13
13	Content's Personalized Recommendation for Implementing Ubiquitous Learning in Health 2.0. IEEE Latin America Transactions, 2014, 12, 1515-1522.	1.6	11
14	The Text Mining Technique Applied to the Analysis of Health Interventions to Combat Congenital Syphilis in Brazil: The Case of the "Syphilis No!" Project. Frontiers in Public Health, 2022, 10, 855680.	2.7	11
15	Real-time premature ventricular contractions detection based on Redundant Discrete Wavelet Transform. Research on Biomedical Engineering, 2018, 34, 187-197.	2.2	10
16	Systematic Review on Information Technology Approaches to Evaluate the Impact of Public Health Campaigns: Real Cases and Possible Directions. Frontiers in Public Health, 2021, 9, 715403.	2.7	9
17	National registry for amyotrophic lateral sclerosis: a systematic review for structuring population registries of motor neuron diseases. BMC Neurology, 2021, 21, 269.	1.8	8
18	Educommunication as a strategy to face Syphilis: an analysis of the open educational resources available at AVASUS. Jornal Brasileiro De Doenças Sexualmente Transmissíveis, 0, 33, .	0.1	7

#	Article	IF	Citations
19	Data Report: â€œHealth care of Persons Deprived of Libertyâ€•Course From Brazil's Unified Health System Virtual Learning Environment. Frontiers in Medicine, 2021, 8, 742071.	2.6	5
20	ILITIA: telehealth architecture for high-risk gestation classification. Research on Biomedical Engineering, 2017, 33, 237-246.	2.2	5
21	A text as unique as fingerprint. , 2020, , .		5
22	Machine Learning Solutions Applied to Amyotrophic Lateral Sclerosis Prognosis: A Review. Frontiers in Computer Science, 2022, 4, .	2.8	5
23	Implementation of a Six Sigma project in a 3M division of Brazil. International Journal of Quality and Reliability Management, 2013, 30, 129-141.	2.0	4
24	Assessing the Impact of Public Health Campaigns Through Epidemiological, Communication and Education Indicators. , 2020, , .		4
25	Data-driven computational intelligence applied to dengue outbreak forecasting: a case study at the scale of the city of Natal, RN-Brazil. Scientific Reports, 2022, 12, 6550.	3.3	4
26	Performance Measurements of Protocols to Ethernet Real-Time Applications. , 2006, , .		3
27	The influence of antenna gain and beamwidth used in OSSEUS in the screening process for osteoporosis. Scientific Reports, 2021, 11, 19148.	3.3	3
28	Managing sessions of creative requirements elicitation and assessment. , 2020, , .		3
29	Um Anjo para ELA: Arquitetura Baseada em VisÃ£o Computacional Aplicada ao Monitoramento On-Line de ParÃ¢metros RespiratÃ³rios de Pacientes com Esclerose Lateral AmiotrÃ³fica (ELA) em Ambiente Hospitalar. Revista Brasileira De Engenharia Biomedica, 2013, 29, 206-210.	0.3	3
30	A text as unique as a fingerprint: Text analysis and authorship recognition in a Virtual Learning Environment of the Unified Health System in Brazil. Expert Systems With Applications, 2022, 203, 117280.	7.6	3
31	Service-oriented biomedical devices. , 2014, , .		2
32	A Multi-Agent Architecture for Monitoring Tutoring Activities in VLEs. IEEE Latin America Transactions, 2016, 14, 4327-4333.	1.6	2
33	SMART: a service-oriented architecture for monitoring and assessing Brazilâ€™s Telehealth outcomes. Research on Biomedical Engineering, 2018, 34, 317-328.	2.2	2
34	Um texto tÃ£o singular quanto a impressÃ£o digital: reconhecimento de autoria com um olhar para o Avasus. Brazilian Journal of Development, 2019, 5, 32960-32973.	0.1	2
35	SOS Syphilis: smartphone application for the mapping of syphilis attention networks.. Procedia Computer Science, 2021, 181, 434-441.	2.0	1
36	Uma anÃ¡lise das teleconsultorias assÃncronas em saÃºde auditiva do NÃºcleo de TelessaÃºde do Rio Grande do Norte. Audiology: Communication Research, 0, 26, .	0.1	1

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37	ISE-SPL: uma abordagem baseada em linha de produtos de software aplicada à geração automática de sistemas para educação médica na plataforma E-learning. Revista Brasileira De Engenharia Biomedica, 2013, 29, 434-439.	0.3	1
38	Utilização de técnicas de mineração de dados educacionais para predição de desempenho de alunos de EaD em ambientes virtuais de aprendizagem. , 0, , .		1
39	Uma arquitetura para detecção online de transientes em sinais de eletrocardiograma sobre o protocolo PM-AH. Revista Brasileira De Engenharia Biomedica, 2012, 28, 346-354.	0.3	1
40	Ensino de Programação Front-end através de jogos digitais: Um relato de experiência na Escola de Programação do LAIS/HUOL. , 0, , .		1
41	Strategies for content recommendation in the Brazilian rapid response to syphilis project. , 2020, , .		1
42	A big data architecture to a multiple purpose in healthcare surveillance. , 2020, , .		1
43	As regulamentações de proteção de dados pessoais no Brasil e em Portugal: o tratamento de dados relativos à saúde no âmbito do Projeto "Sífilis Não" Cadernos Ibero-americanos De Direito Sanitário, 2022, 11, 10-31.	0.2	1
44	Use of educational data mining to identify distance learning students' profiles and patterns of participation. , 2017, , .		0
45	SOA-BD: Service Oriented Architecture for Biomedical Devices. Research on Biomedical Engineering, 2017, 33, 166-172.	2.2	0
46	Sabiá: an authentication, authorization, and user data delivery architecture based on user consent for health information systems in Brazil. Research on Biomedical Engineering, 2020, 36, 197-202.	2.2	0
47	Adaptive Algorithms as Control Strategies of Smart Upper Limb Orthosis: A Protocol for a Systematic Scoping Review. Frontiers in Neuroscience, 2021, 15, 660141.	2.8	0
48	Effects of Active Upper Limb Orthoses Using Brain–Machine Interfaces for Rehabilitation of Patients With Neurological Disorders: Protocol for a Systematic Review and Meta-Analysis. Frontiers in Neuroscience, 2021, 15, 661494.	2.8	0
49	Sistema de Apoio à Gestão de Cursos de Graduação à Distância: Relato de uma Experiência na SEDIS/UFRN. Sistemas & Gestão, 2014, 9, 60-70.	0.1	0
50	Wi-Bio: management policy aimed at the establishment of networks for patient monitoring using IEEE 802.11. Revista Brasileira De Engenharia Biomedica, 2014, 30, 144-158.	0.3	0
51	Um Ambiente Inteligente de Avaliação de Comportamentos de Tutores e Turmas no Ambiente Virtual de Aprendizagem Moodle. , 0, , .		0
52	Uma Arquitetura Multiagente para Acompanhamento e Monitoramento das Atividades de Tutoria em AVAs. , 0, , .		0
53	Aplicação de Learning Analytics para Avaliação do Impacto dos Comportamentos dos Tutores em Turmas de Ensino a Distância. , 0, , .		0
54	Um Sistema Proativo para Monitoramento e Avaliação das Atividades de Tutoria a Distância em AVAs. , 0, , .		0

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55	AvaliaÃ§Ã£o dos nÃveis de expectativa e motivaÃ§Ã£o de estudantes de graduaÃ§Ã£o do ensino presencial atravÃ©s da MineraÃ§Ã£o de dados. , 0, , .		0
56	Desenvolvimento de Sistemas Computacionais Utilizando Aprendizagem Baseada em Problemas.. , 0, , .		0
57	UtilizaÃ§Ã£o do PBL para o acompanhamento na aprendizagem de SCRUM. , 0, , .		0
58	Uso de MineraÃ§Ã£o de Dados Educacionais para a classificaÃ§Ã£o e identificaÃ§Ã£o de perfis de EvasÃ£o de graduandos em Sistemas de InformaÃ§Ã£o. , 0, , .		0
59	SIMAIES - Desenvolvimento e discussÃ£o de uma ferramenta para registrar e divulgar a cooperaÃ§Ã£o entre entidades de SaÃºde e EducaÃ§Ã£o. Holos, 0, 2, 1-15.	0.0	0
60	SISTEMA DEDICADO PARA VIGILÃ‚NCIA EM SAÃšDE:. Revista Brasileira De InovaÃ§Ã£o TecnolÃ³gica Em SaÃºde ISSN 2236-1103, 2020, 10, 17.	0.0	0
61	International Cooperation in Health: A Framework for Performance Evaluation. SSRN Electronic Journal, 0, , .	0.4	0