

# Jair M Abe

## List of Publications by Year in descending order

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129  
papers

676  
citations

623734

14  
h-index

713466

21  
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153  
all docs

153  
docs citations

153  
times ranked

373  
citing authors

#	ARTICLE	IF	CITATIONS
1	Annotated Semantics for Defeasible Deontic Reasoning. Lecture Notes in Computer Science, 2001, , 470-478.	1.3	42
2	Proposal of a new system of nomenclature for phylogenetic systematics. Arquivos De Zoologia, 2001, 36, 1.	0.3	39
3	Paraconsistent Artificial Neural Network as Auxiliary in Cephalometric Diagnosis. Artificial Organs, 2010, 34, E215-21.	1.9	33
4	Application of Paraconsistent Artificial Neural Networks as a Method of Aid in the Diagnosis of Alzheimer Disease. Journal of Medical Systems, 2010, 34, 1073-1081.	3.6	29
5	Introduction to Annotated Logics. Intelligent Systems Reference Library, 2015, , .	1.2	27
6	Factors Associated with Mortality and Graft Failure in Liver Transplants: A Hierarchical Approach. PLoS ONE, 2015, 10, e0134874.	2.5	23
7	Paraconsistent artificial neural networks and Alzheimer disease: A preliminary study. Dementia E Neuropsychologia, 2007, 1, 241-247.	0.8	22
8	Intelligent Real-Time Traffic Signal Control Based on a Paraconsistent Logic Program EVALPSN. , 2003, , 719-723.		22
9	Paraconsistent logic used for estimating the gait score of broiler chickens. Biosystems Engineering, 2018, 173, 115-123.	4.3	21
10	The paraconsistent process order control method. Vietnam Journal of Computer Science, 2014, 1, 29-37.	1.2	20
11	Classification of piglet (Sus Scrofa) stress conditions using vocalization pattern and applying paraconsistent logic E1,,. Computers and Electronics in Agriculture, 2019, 166, 105020.	7.7	19
12	A defeasible deontic reasoning system based on annotated logic programming. AIP Conference Proceedings, 2001, , .	0.4	18
13	Automatic prediction of stress in piglets (Sus Scrofa) using infrared skin temperature. Computers and Electronics in Agriculture, 2020, 168, 105148.	7.7	16
14	Paraconsistent Artificial Neural Networks: An Introduction. Lecture Notes in Computer Science, 2004, , 942-948.	1.3	14
15	The development of paraconsistent annotated logic programs. International Journal of Reasoning-based Intelligent Systems, 2009, 1, 92.	0.1	14
16	Paraconsistent analysis network applied in the treatment of Raman spectroscopy data to support medical diagnosis of skin cancer. Medical and Biological Engineering and Computing, 2016, 54, 1453-1467.	2.8	14
17	Analysis of Raman spectroscopy data with algorithms based on paraconsistent logic for characterization of skin cancer lesions. Vibrational Spectroscopy, 2019, 103, 102929.	2.2	12
18	Defeasible Deontic Robot Control Based on Extended Vector Annotated Logic Programming. AIP Conference Proceedings, 2002, , .	0.4	11

#	ARTICLE	IF	CITATIONS
19	Impact of clinical experience on quantification of clinical signs at physical examination. Journal of Internal Medicine, 2003, 254, 257-263.	6.0	11
20	Paraconsistent logics and applications. , 2010, , .		11
21	Intelligent Paraconsistent Logic Controller and Autonomous Mobile Robot Emmy II. Lecture Notes in Computer Science, 2006, , 851-857.	1.3	9
22	Three decades of paraconsistent annotated logics: a review paper on some applications. Procedia Computer Science, 2019, 159, 1175-1181.	2.0	8
23	Paraconsistent Artificial Neural Network: Applicability in Computer Analysis of Speech Productions. Lecture Notes in Computer Science, 2006, , 844-850.	1.3	8
24	Extended Vector Annotated Logic Program and its Applications to Robot Action Control and Automated Safety Verification. , 2002, , 665-679.		8
25	MICR Automated Recognition based on Paraconsistent Artificial Neural Networks. Procedia Computer Science, 2013, 22, 1083-1091.	2.0	7
26	Autonomous Mobile Robot Emmy III. Studies in Computational Intelligence, 2009, , 317-327.	0.9	7
27	A Simplified Version of the Fuzzy Decision Method and its Comparison with the Paraconsistent Decision Method. , 2010, , .		5
28	A logical reasoning system of process before-after relation based on a paraconsistent annotated logic program bf-EVALPSN. International Journal of Knowledge-Based and Intelligent Engineering Systems, 2011, 15, 145-163.	1.0	5
29	Paraconsistent Artificial Neural Networks and Aspects of Pattern Recognition. Intelligent Systems Reference Library, 2015, , 207-231.	1.2	5
30	Paraconsistent Annotated Logic Algorithms Applied in Management and Control of Communication Network Routes. Sensors, 2021, 21, 4219.	3.8	5
31	Application of Paraconsistent Annotated Evidential Logic EĪ, for a Terrestrial Mobile Robot to Avoid Obstacles. Procedia Computer Science, 2021, 192, 1821-1830.	2.0	5
32	Monadic Curry Algebras QĪ,. Lecture Notes in Computer Science, 2007, , 893-900.	1.3	5
33	Introduction to Plausible Reasoning Based on EVALPSN. Studies in Computational Intelligence, 2009, , 363-372.	0.9	5
34	Multiple Criteria Decision Analysis (MCDA) for evaluating cancer treatments in hospital-based health technology assessment: The Paraconsistent Value Framework. PLoS ONE, 2022, 17, e0268584.	2.5	5
35	A survey of paraconsistent annotated logics and applications. International Journal of Reasoning-based Intelligent Systems, 2009, 1, 31.	0.1	4
36	The sensing system for the autonomous mobile robot Emmy III. , 2011, , .		4

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37	Validation of CD4+ T-cell and viral load data from the HIV-Brazil Cohort Study using secondary system data. BMC Infectious Diseases, 2018, 18, 617.	2.9	4
38	Organizational Climate Assessment Using the Paraconsistent Decision Method. Procedia Computer Science, 2018, 131, 608-618.	2.0	4
39	Incidence and associated factors of type 2 diabetes mellitus onset in the Brazilian HIV/AIDS cohort study. Brazilian Journal of Infectious Diseases, 2021, 25, 101608.	0.6	4
40	An Algebraic Version of the Monadic System C1. Studies in Computational Intelligence, 2009, , 341-349.	0.9	4
41	Intelligent System of Paraconsistent Logic to Control Autonomous Moving Robots. Industrial Electronics Society (IECON ), Annual Conference of IEEE, 2006, , .	0.0	3
42	An Intelligent Coordinated Traffic Signal Control Based on EVALPSN. Lecture Notes in Computer Science, 2007, , 869-876.	1.3	3
43	Improved Application of Paraconsistent Artificial Neural Networks in Diagnosis of Alzheimer's Disease. American Journal of Neuroscience, 2011, 2, 17-27.	0.4	3
44	Paraconsistent neurocomputing and brain signal analysis. Vietnam Journal of Computer Science, 2014, 1, 219-230.	1.2	3
45	Evidential Reasoning in Annotated Logics. , 2015, , .		3
46	Application of Paraconsistent Artificial Neural Network in Statistical Process Control acting on voltage level monitoring in Electrical Power Systems. , 2015, , .		3
47	Paraconsistent Artificial Neural Network: An Application in Cephalometric Analysis. Lecture Notes in Computer Science, 2005, , 716-723.	1.3	3
48	Paraconsistência em informática e inteligência artificial. Estudos Avancados, 2000, 14, 161-174.	0.5	3
49	A Natural Deduction System for Annotated Predicate Logic. Lecture Notes in Computer Science, 2007, , 861-868.	1.3	3
50	A framework for intelligent systems based on vector annotated logic programs. , 1999, , .		2
51	Decision Making Method Based on Paraconsistent Annotated Logic and Statistical Method: a Comparison. , 2008, , .		2
52	Paraconsistent artificial neural networks and EEG. International Journal of Knowledge-Based and Intelligent Engineering Systems, 2013, 17, 99-111.	1.0	2
53	Power Optimization in Photovoltaic Panels Through the Application of Paraconsistent Annotated Evidential Logic E <sub>1</sub> . IFIP Advances in Information and Communication Technology, 2015, , 655-661.	0.7	2
54	Handling Paraconsistency and Paracompleteness in Robotics. , 2018, , .		2

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55	Using Logic Concepts in Software Measurement. <i>Procedia Computer Science</i> , 2018, 131, 600-607.	2.0	2
56	The Productivity Gains Achieved In Applicability of The Prototype AITOD with Paraconsistent Logic in Support in Decision-Making in Project Remeasurement.. <i>Procedia Computer Science</i> , 2019, 154, 347-353.	2.0	2
57	Handwritten Numerical Character Recognition Based on Paraconsistent Artificial Neural Networks. <i>Studies in Computational Intelligence</i> , 2014, , 93-102.	0.9	2
58	Multi-agent Systems and Paraconsistent Knowledge. <i>Studies in Computational Intelligence</i> , 2009, , 101-121.	0.9	2
59	Reaching Energetic Sustainability through a Self-oriented Battery Charger, Based on Paraconsistent Annotated Evidential Logic EŁ, IFIP Advances in Information and Communication Technology, 2013, , 369-374.	0.7	2
60	Paraconsistent Method of Prospective Scenarios (PMPS). <i>Lecture Notes in Computer Science</i> , 2014, , 76-84.	1.3	2
61	Determination of Operating Parameters and Performance Analysis of Computer Networks with Paraconsistent Annotated Evidential Logic EŁ, IFIP Advances in Information and Communication Technology, 2016, , 3-11.	0.7	2
62	Paraconsistent Artificial Neural Network for Structuring Statistical Process Control in Electrical Engineering. <i>Intelligent Systems Reference Library</i> , 2016, , 77-102.	1.2	2
63	Paraconsistent Annotated Logic in Viability Analysis: an Approach to Product Launching. <i>AIP Conference Proceedings</i> , 2004, , .	0.4	1
64	Paraconsistent artificial neural networks and EEG analysis. <i>International Journal of Reasoning-based Intelligent Systems</i> , 2011, 3, 115.	0.1	1
65	Curry systems for algebraisation of some non-classical logics. <i>International Journal of Reasoning-based Intelligent Systems</i> , 2011, 3, 59.	0.1	1
66	PARACONSISTENT ANNOTATED EVIDENTIAL LOGIC EŁ, AND APPLICATIONS IN AUTOMATION AND ROBOTICS. , 2013, , 331-352.		1
67	Curry algebras and propositional algebra $C_{\rightarrow 1}$ . <i>International Journal of Reasoning-based Intelligent Systems</i> , 2013, 5, 127.	0.1	1
68	Paraconsistent Logics and Applications. <i>Intelligent Systems Reference Library</i> , 2016, , 273-300.	1.2	1
69	Determination of the turning point of cache efficiency in computer networks with logic EŁ, <i>Procedia Computer Science</i> , 2019, 159, 1182-1189.	2.0	1
70	Instrumento de AvaliaŁo de CompetÃncias Aplicando a LÃgica Paraconsistente Anotada Evidencial EŁ, <i>Research, Society and Development</i> , 2021, 10, e7610413444.	0.1	1
71	Software optimization for LGPD compliance using Paraconsistent Evidential Annotated Logic EŁ, <i>Procedia Computer Science</i> , 2021, 192, 3049-3059.	2.0	1
72	Non-alethic Reasoning in Distributed Systems. <i>Lecture Notes in Computer Science</i> , 2005, , 724-731.	1.3	1

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73	Categorias do ser e biologia. Estudos Avancados, 1992, 6, 143-156.	0.5	1
74	Manipulating Paraconsistent Knowledge in Multi-agent Systems. Lecture Notes in Computer Science, 2007, , 159-168.	1.3	1
75	Some Three-Valued Temporal Logics for Future Contingents. Studies in Computational Intelligence, 2009, , 351-361.	0.9	1
76	A Logical Anticipatory System of Before-After Relation Based on Bf-EVALPSN. Lecture Notes in Computer Science, 2009, , 380-387.	1.3	1
77	Constructive Discursive Reasoning. Lecture Notes in Computer Science, 2010, , 200-206.	1.3	1
78	Application of EVALPSN to Network Routing. Smart Innovation, Systems and Technologies, 2010, , 527-536.	0.6	1
79	Paraconsistent Artificial Neural Networks and Delta, Theta, Alpha, and Beta Bands Detection. Intelligent Systems Reference Library, 2012, , 331-364.	1.2	1
80	Importance of Bidimensional Data Matrix Code Against Medicine Counterfeiting. IFIP Advances in Information and Communication Technology, 2015, , 582-588.	0.7	1
81	An Analyzer of Computer Network Logs Based on Paraconsistent Logic. IFIP Advances in Information and Communication Technology, 2015, , 620-627.	0.7	1
82	Annotated Logics and Intelligent Control. Intelligent Systems Reference Library, 2016, , 301-335.	1.2	1
83	The Importance of Paraconsistency and Paracompleteness in Intelligent Systems. Smart Innovation, Systems and Technologies, 2018, , 196-205.	0.6	1
84	Questionnaire Model for Paraconsistent Quality Assessment of Software Developed in Salesforce. IFIP Advances in Information and Communication Technology, 2020, , 333-340.	0.7	1
85	Proposições para a Criação de Parques Tecnológicos utilizando a lógica E: um mapa para o agronegócio. Brazilian Journal of Development, 2020, 6, 7315-7329.	0.1	1
86	Two Applications of Paraconsistent Logical Controller. Studies in Computational Intelligence, 2008, , 249-254.	0.9	1
87	Logic Determined by Boolean Algebras with Conjugate. Lecture Notes in Computer Science, 2006, , 871-878.	1.3	0
88	Real-time intelligent process order control based on a paraconsistent annotated logic program EVALPSN. , 2008, , .		0
89	A Paraconsistent Logic Program bf-EVALPSN and its Application to Process Order Control. , 2008, , .		0
90	Application of Bf-EVALPSN to Real-time Process Order Control. , 2009, , .		0

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91	A PARACONSISTENT ANNOTATED LOGIC PROGRAM BEFORE-AFTER EVALPSN AND ITS APPLICATION. , 2013, , 207-242.		0
92	PARACONSISTENT ARTIFICIAL NEURAL NETWORKS AND APPLICATIONS. , 2013, , 307-330.		0
93	Some recent results in paraconsistent artificial neural networks. International Journal of Reasoning-based Intelligent Systems, 2013, 5, 253.	0.1	0
94	Paraconsistent Artificial Neural Network Applied in Breast Cancer Diagnosis Support. IFIP Advances in Information and Communication Technology, 2015, , 464-472.	0.7	0
95	Applying the Paraconsistent Annotated Evidential Logic E <sub>1</sub> , in a Solar Tracker for Photovoltaic Panels: An Analytical Approach. IFIP Advances in Information and Communication Technology, 2016, , 280-287.	0.7	0
96	IT Incident Management and Analysis Using Non-classical Logics. IFIP Advances in Information and Communication Technology, 2016, , 20-27.	0.7	0
97	Some Aspects on Complementarity and Heterodoxy in Non-Classical Logics. Procedia Computer Science, 2018, 126, 1253-1260.	2.0	0
98	Escala de Usabilidade do Sistema Baseada na L <sup>3</sup> gica Paraconsistente Anotada Evidencial ET. Research, Society and Development, 2021, 10, e53610817617.	0.1	0
99	Application of architecture using AI in the training of a set of pixels of the image at aid decision-making diagnostic cancer. Procedia Computer Science, 2021, 192, 1740-1749.	2.0	0
100	Expert Group Simulation Evaluating Behavioural Competence by Paraconsistent Annotated Evidential Logic E <sub>1</sub> ,. Procedia Computer Science, 2021, 192, 1779-1786.	2.0	0
101	Paraconsistent Annotated Evidential Logic E <sub>1</sub> , Applied to Autonomous Robots in Logistic Center. IFIP Advances in Information and Communication Technology, 2021, , 533-540.	0.7	0
102	DEVELOPING REAL-TIME FACE MASK DETECTION WITH FACIAL TEMPERATURE MEASURE FOR COVID-19 INDOOR MONITORING SYSTEM. Journal of Computer Science and Cybernetics, 2021, 37, 279-289.	0.3	0
103	Para-Fuzzy Logic Controller. Lecture Notes in Computer Science, 2004, , 935-941.	1.3	0
104	A Logical Reasoning System of Before-after Relation Based on Bf-EVALPSN. Lecture Notes in Computer Science, 2009, , 135-143.	1.3	0
105	Paraconsistent Artificial Neural Networks and EEG Analysis. Lecture Notes in Computer Science, 2010, , 164-173.	1.3	0
106	Introduction to Intelligent Network Routing Based on EVALPSN. Lecture Notes in Computer Science, 2010, , 123-132.	1.3	0
107	Monadic Curry System N1*. Lecture Notes in Computer Science, 2010, , 143-153.	1.3	0
108	Paraconsistent Artificial Neural Networks and AD Analysis – Improvements. Lecture Notes in Computer Science, 2012, , 259-267.	1.3	0

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109	Paraconsistent Artificial Neural Networks and Pattern Recognition: Speech Production Recognition and Cephalometric Analysis. Intelligent Systems Reference Library, 2012, , 365-382.	1.2	0
110	Paraconsistent Annotated Logic Programs and Application to Intelligent Verification Systems. Studies in Computational Intelligence, 2014, , 279-315.	0.9	0
111	Análise do impacto das patentes no Índice global de inovação com aplicação de lógica paraconsistente anotada. Exacta, 2014, 12, 173-182.	0.5	0
112	An Algorithmic Method Supported by Paraconsistent Annotated Logic Applied to the Determination of Friction Factors for Turbulent Flow in Smooth Pipes. Intelligent Systems Reference Library, 2015, , 153-174.	1.2	0
113	Paraconsistent Logics: Preamble. Intelligent Systems Reference Library, 2015, , 1-22.	1.2	0
114	Paraconsistent Annotated Logic Program EVALPSN and Its Applications. Intelligent Systems Reference Library, 2015, , 39-85.	1.2	0
115	A Logical Framework for Imprecise and Conflicting Knowledge Representation for Multi-agent Systems. IFIP Advances in Information and Communication Technology, 2015, , 202-210.	0.7	0
116	Variants and Related Systems. Intelligent Systems Reference Library, 2015, , 61-110.	1.2	0
117	Propositional Algebra P1. Smart Innovation, Systems and Technologies, 2015, , 1-10.	0.6	0
118	Priority Modes of Transport for Soybeans from the Center-West Region in Brazil. IFIP Advances in Information and Communication Technology, 2015, , 324-331.	0.7	0
119	Constructive Discursive Logic: Paraconsistency in Constructivism. Intelligent Systems Reference Library, 2015, , 23-38.	1.2	0
120	Review Paper: Paraconsistent Process Order Control. Smart Innovation, Systems and Technologies, 2016, , 227-237.	0.6	0
121	Paraconsistent Annotated Logic Program EVALPSN and Its Application to Intelligent Control. Intelligent Systems Reference Library, 2016, , 337-401.	1.2	0
122	Logical Decision-Making Method Relating to Innovation Management. IFIP Advances in Information and Communication Technology, 2016, , 12-19.	0.7	0
123	Mitigating Serialization and Traceability, a Study on the Strategies for the Implementation of the System and Adaptation to the TBR n $\{o\}$ . 54 2013. IFIP Advances in Information and Communication Technology, 2016, , 445-451.	0.7	0
124	ERP Software Quality Using Paraconsistent Logic. IFIP Advances in Information and Communication Technology, 2016, , 731-738.	0.7	0
125	Constructive Logic and the Sorites Paradox. Studies in Computational Intelligence, 2008, , 285-292.	0.9	0
126	Improving EEG Analysis by Using Paraconsistent Artificial Neural Networks. Lecture Notes in Computer Science, 2008, , 466-473.	1.3	0



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127	A Mobile Application to Follow Up the Management of Broiler Flocks. AgriEngineering, 2021, 3, 990-1000.	3.2	0
128	A noção de estrutura em matemática e física. Estudos Avancados, 1989, 3, 113-125.	0.5	0
129	Paraconsistentes artificial neural networks applied to the study of mutational patterns of the F subtype of the viral strains of HIV-1 to antiretroviral therapy. Anais Da Academia Brasileira De Ciencias, 2016, 88, 323-34.	0.8	0