

Jordi Vallverdà^o

List of Publications by Year in descending order

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Version: 2024-02-01

100
papers

615
citations

840776

11
h-index

713466

21
g-index

112
all docs

112
docs citations

112
times ranked

475
citing authors

#	ARTICLE	IF	CITATIONS
1	Can machines talk? Comparison of Eliza with modern dialogue systems. Computers in Human Behavior, 2016, 58, 278-295.	8.5	83
2	Slime mould: The fundamental mechanisms of biological cognition. BioSystems, 2018, 165, 57-70.	2.0	67
3	A cognitive architecture for the implementation of emotions in computing systems. Biologically Inspired Cognitive Architectures, 2016, 15, 34-40.	0.9	31
4	Emotional machines: The next revolution. Web Intelligence, 2019, 17, 1-7.	0.2	31
5	Emotional affordances for human-robot interaction. Adaptive Behavior, 2016, 24, 320-334.	1.9	30
6	What are Simulations? An Epistemological Approach. Procedia Technology, 2014, 13, 6-15.	1.1	27
7	Computational Epistemology and e-Science: A New Way of Thinking. Minds and Machines, 2009, 19, 557-567.	4.8	21
8	Emotional affordances in human-machine interactive planning and negotiation. , 2017, , .		20
9	E-Science and the data deluge. Philosophical Psychology, 2014, 27, 126-140.	0.9	19
10	Bayesians Versus Frequentists. SpringerBriefs in Statistics, 2016, , .	0.4	19
11	Neuromodulating Cognitive Architecture: Towards Biomimetic Emotional AI. , 2015, , .		15
12	The Best Model of a Cat Is Several Cats. Trends in Biotechnology, 2016, 34, 207-213.	9.3	14
13	Chatterbox Challenge as a Test-Bed for Synthetic Emotions. International Journal of Synthetic Emotions, 2010, 1, 12-37.	0.3	11
14	Ekman's Paradox and a Naturalistic Strategy to Escape From It. International Journal of Synthetic Emotions, 2013, 4, 1-7.	0.3	11
15	Approximate and Situated Causality in Deep Learning. Philosophies, 2020, 5, 2.	0.7	11
16	Fake Empathy and Human-Robot Interaction (HRI). International Journal of Technology and Human Interaction, 2018, 14, 44-59.	0.4	10
17	Embodying Cognition. , 2010, , 344-366.		10
18	The Eastern Construction of the Artificial Mind. Enrahonar, 0, 47, 171.	0.0	10

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19	Situated phenomenology and biological systems: Eastern and Western synthesis. Progress in Biophysics and Molecular Biology, 2015, 119, 530-537.	2.9	8
20	Simulation of a Fear-like State on a Model of Dopamine System of Rat Brain. Advances in Intelligent Systems and Computing, 2016, , 121-126.	0.6	8
21	Errors, Biases and Overconfidence in Artificial Emotional Modeling. , 2019, , .		8
22	Ethical and Technical Aspects of Emotions to Create Empathy in Medical Machines. Intelligent Systems, Control and Automation: Science and Engineering, 2015, , 341-362.	0.5	8
23	From Computational Emotional Models to HRI. International Journal of Robotics Applications and Technologies, 2013, 1, 11-25.	0.4	7
24	Modelling Hardwired Synthetic Emotions. , 2009, , 460-471.		6
25	Seeing for Knowing. , 2010, , 280-293.		6
26	Towards Anthro-Inspired Computational Systems: The \$P^3\$ Model. Smart Innovation, Systems and Technologies, 2015, , 311-321.	0.6	5
27	Simulation of serotonin mechanisms in NEUCOGAR cognitive architecture. Procedia Computer Science, 2018, 123, 473-478.	2.0	5
28	Emotional simulations and depression diagnostics. Biologically Inspired Cognitive Architectures, 2016, 18, 41-50.	0.9	4
29	The Emotional Nature of Post-Cognitive Singularities. The Frontiers Collection, 2017, , 193-208.	0.2	4
30	Allocentric Emotional Affordances in HRI: The Multimodal Binding. Multimodal Technologies and Interaction, 2018, 2, 78.	2.5	4
31	Choosing between different AI approaches? The scientific benefits of the confrontation, and the new collaborative era between humans and machines. TripleC, 2008, 4, 209-216.	0.9	4
32	Error y conocimiento : un modelo filosófico para la didáctica de la ciencia. Enseñanza De Las Ciencias, 2010, 28, 47-60.	0.3	3
33	APUNTES EPISTEMOLÓGICOS A LA E-CIENCIA. Revista De Filosofia (Chile), 2008, 64, .	0.1	2
34	Brains, language and the argumentative mind in Western and Eastern societies. The fertile differences between Western-Eastern argumentative traditions. Progress in Biophysics and Molecular Biology, 2017, 131, 424-431.	2.9	2
35	Lessons from culturally contrasted alternative methods of inquiry and styles of comprehension for the new foundations in the study of life. Progress in Biophysics and Molecular Biology, 2017, 131, 463-468.	2.9	2
36	Swarm Intelligence via the Internet of Things and the Phenomenological Turn. Philosophies, 2017, 2, 19.	0.7	2

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37	Why Robots Must Have Synthetic Emotions? The Role of Emotions in the Artificial Cognitive Systems. Proceedings (mdpi), 2017, 1, 272.	0.2	2
38	Bio-plausible simulation of three monoamine systems to replicate emotional phenomena in a machine. Biologically Inspired Cognitive Architectures, 2018, 26, 166-173.	0.9	2
39	Blended Cognition: The Robotic Challenge. Springer Series in Cognitive and Neural Systems, 2019, , 3-21.	0.1	2
40	Modeling Psycho-Emotional States via Neurosimulation of Monoamine Neurotransmitters. Springer Series in Cognitive and Neural Systems, 2019, , 127-156.	0.1	2
41	Bayesian Versus Frequentist Statistical Reasoning. , 2011, , 133-135.		2
42	Hypertextual Thoughts. Revista Portuguesa De Filosofia, 2007, 63, 703-720.	0.1	2
43	Emotions and Social Evolution. Advances in Computational Intelligence and Robotics Book Series, 2015, , 102-115.	0.4	2
44	An Epistemological Analysis of QSPR/QSAR Models. , 0, , 318-332.		2
45	Epistemology and Emotions. International Journal of Synthetic Emotions, 2013, 4, 92-94.	0.3	2
46	Modeling Inhibitory and Excitatory Synapse Learning in the Memristive Neuron Model. , 2017, , .		2
47	The Situated Nature of Informational Ontologies. , 2019, , 353-365.		2
48	Chatterbox Challenge as a Test-Bed for Synthetic Emotions. , 0, , 118-144.		2
49	Biases in Assigning Emotions in Patients Due to Multicultural Issues. Intelligent Systems Reference Library, 2022, , 215-228.	1.2	2
50	What the # ^À ¥ ^À â ^o \$ [@] is Creativity?. Debats, 0, , 135-147.	0.3	2
51	Biasing AI?. BioNanoScience, 2021, 11, 633-636.	3.5	1
52	À [%] ticas falibles para m ^Ã j ^u quinas (in)falibles. Arbor, 2021, 197, a601.	0.3	1
53	Probability, History of. , 2011, , 1126-1128.		1
54	Chemical Excitable Medium in Barcelona Street Network as a Method for Panicked Crowds Behavior Analysis. Complex Systems, 2019, 28, 41-58.	0.3	1

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55	A Computational, Cognitive, and Situated Framework for Emotional Social Simulations. International Journal of Robotics Applications and Technologies, 2017, 5, 18-31.	0.4	1
56	Patenting Logic, Mathematics or Logarithms? The Case of Computer-Assisted Proofs. Recent Patents on Computer Science, 2011, 4, 66-70.	0.5	1
57	Embodying Cognition. , 2012, , 1798-1818.		1
58	Naturalizing Consciousness Emergence for AI Implementation Purposes. Advances in Computational Intelligence and Robotics Book Series, 2017, , 24-40.	0.4	1
59	Para-functional engineering: cognitive challenges. International Journal of Parallel, Emergent and Distributed Systems, 0, , 1-11.	1.0	1
60	Synthetic Life: Ethobricks for a New Biology. , 0, , 273-285.		0
61	Some Questions to Begin with. SpringerBriefs in Statistics, 2016, , 1-18.	0.4	0
62	Ancient Statistics History in a Nutshell. SpringerBriefs in Statistics, 2016, , 19-36.	0.4	0
63	A Conceptual Reply to Reverend Bayes: The Frequentist Approach. SpringerBriefs in Statistics, 2016, , 49-60.	0.4	0
64	The Coevolution, Battles, and Fights of Both Paradigms. SpringerBriefs in Statistics, 2016, , 61-76.	0.4	0
65	The Birth of Multicausality as the Death of Causality and Their Statistical Corollaries. SpringerBriefs in Statistics, 2016, , 77-91.	0.4	0
66	Natural Versus Artificial Minds and the Supercomputing Era. SpringerBriefs in Statistics, 2016, , 93-99.	0.4	0
67	And the Winner Isâ€¦. SpringerBriefs in Statistics, 2016, , 101-107.	0.4	0
68	Information as a Morpho-Ontological Process. Proceedings (mdpi), 2017, 1, 62.	0.2	0
69	(Un-)Biasing the Morphologies of Affect for HRI Purposes. Proceedings (mdpi), 2017, 1, 177.	0.2	0
70	Bio-plausible simulation of three monoamine systems to replicate emotional phenomena in a machine. Procedia Computer Science, 2018, 145, 300-305.	2.0	0
71	Alife in the Classrooms: an Integrative Learning Approach. Studies in Computational Intelligence, 2007, , 51-76.	0.9	0
72	Patenting Logic, Mathematics or Logarithms? The Case of Computer-Assisted Proofs. Recent Patents on Computer Science, 2011, 4, 66-70.	0.5	0

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73	MORI, MASAHIRO (2005) The Buddha in the Robot. A Robot Engineer's Thoughts on Science and Religion. Enrahonar, 0, 47, 261.	0.0	0
74	Ambient Stupidity. Studies in Computational Intelligence, 2016, , 173-186.	0.9	0
75	Debate e ideas sobre "neuro-" algo. , 2016, , .		0
76	Affording Visual Causal Epistemologies in Epidemiology. Biomedical Journal of Scientific & Technical Research, 2017, 1, .	0.1	0
77	Biased Learners for Rational Teachers: Do We Need a Tricky Bounded Teaching?. International Journal of School and Cognitive Psychology, 2018, 05, .	0.2	0
78	Post Truth, Newspeak and Epidemiological Causality. Biomedical Journal of Scientific & Technical Research, 2018, 2, .	0.1	0
79	Fake Empathy and Human-Robot Interaction (HRI). , 2020, , 1556-1572.		0
80	A Computational, Cognitive, and Situated Framework for Emotional Social Simulations. , 2020, , 1930-1945.		0
81	An Epistemological Analysis of QSPR/QSAR Models. , 0, , 1326-1341.		0
82	Modelling Hardwired Synthetic Emotions. , 0, , 807-818.		0
83	Què és la creativitat?. Debats, 2021, 135, .	0.3	0
84	Cross-Embodied Cognitive Morphologies. , 2022, 81, .		0
85	Choosing between different AI approaches? The scientific benefits of the confrontation, and the new collaborative era between humans and machines. TripleC, 2008, 4, 209-216.	0.9	0
86	The Evolutionary Role of Emotions. , 0, , 1-353.		0
87	From Kismet to Geminoids. , 0, , 2711-3122.		0
88	HRI and RRI. , 0, , 3122-3431.		0
89	Cultural Attitudes Towards Robots. , 0, , 3431-3844.		0
90	Emotional Affordances. , 0, , 3844-4124.		0

#	ARTICLE	IF	CITATIONS
91	Emotioneering for Games, Avatars and Pornography. , 0, , 4124-4352.		0
92	The Hidden Hunter Paradox. , 0, , 4352-4617.		0
93	The Basic Elements of Emotions. , 0, , 353-727.		0
94	The Syntax of Emotions. , 0, , 727-1019.		0
95	AI and Emotions. , 0, , 1019-1401.		0
96	A Review of Main Architectures. , 0, , 1401-1668.		0
97	Classic If/Then Emotions vs Bio-Inspired Models. , 0, , 1668-1927.		0
98	The History of Affective Computing. , 0, , 1927-2190.		0
99	User's Interactions. , 0, , 2190-2452.		0
100	Contemporary Challenges. , 0, , 2452-2711.		0