

Oron Shagrir

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

651
citations

567281

15
h-index

610901

24
g-index

38
all docs

38
docs citations

38
times ranked

224
citing authors

#	ARTICLE	IF	CITATIONS
1	Why we view the brain as a computer. <i>Synthese</i> , 2006, 153, 393-416.	1.1	67
2	Marr on Computational-Level Theories. <i>Philosophy of Science</i> , 2010, 77, 477-500.	1.0	52
3	Physical Hypercomputation and the Church-Turing Thesis. <i>Minds and Machines</i> , 2003, 13, 87-101.	4.8	47
4	Structural Representations and the Brain. <i>British Journal for the Philosophy of Science</i> , 2012, 63, 519-545.	2.3	43
5	The Non-Redundant Contributions of Marr's Three Levels of Analysis for Explaining Information-Processing Mechanisms. <i>Topics in Cognitive Science</i> , 2015, 7, 312-322.	1.9	43
6	Brains as analog-model computers. <i>Studies in History and Philosophy of Science Part A</i> , 2010, 41, 271-279.	1.2	30
7	Physical Computation: How General are Gandy's Principles for Mechanisms?. <i>Minds and Machines</i> , 2007, 17, 217-231.	4.8	27
8	In defense of the semantic view of computation. <i>Synthese</i> , 2020, 197, 4083-4108.	1.1	27
9	Effective Computation by Humans and Machines. <i>Minds and Machines</i> , 2002, 12, 221-240.	4.8	26
10	Foundations of computational neuroscience. <i>Current Opinion in Neurobiology</i> , 2014, 25, 25-30.	4.2	26
11	The Rise and Fall of Computational Functionalism. , 2005, , 220-250.		23
12	Multiple Realization, Computation and the Taxonomy of Psychological States. <i>Synthese</i> , 1998, 114, 445-461.	1.1	22
13	Global Supervenience, Coincident Entities and Anti-Individualism. <i>Philosophical Studies</i> , 2002, 109, 171-196.	0.8	21
14	Do Accelerating Turing Machines Compute the Uncomputable?. <i>Minds and Machines</i> , 2011, 21, 221-239.	4.8	20
15	Super-tasks, accelerating Turing machines and uncomputability. <i>Theoretical Computer Science</i> , 2004, 317, 105-114.	0.9	18
16	Time to reinspect the foundations?. <i>Communications of the ACM</i> , 2016, 59, 34-38.	4.5	16
17	Advertisement for the Philosophy of the Computational Sciences. , 2015, , .		15
18	Two Dogmas of Computationalism. <i>Minds and Machines</i> , 1997, 7, 321-344.	4.8	14

#	ARTICLE	IF	CITATIONS
19	Computation, Implementation, Cognition. <i>Minds and Machines</i> , 2012, 22, 137-148.	4.8	13
20	A NEURAL NET WITH SELF-INHIBITING UNITS FOR THE N-QUEENS PROBLEM. <i>International Journal of Neural Systems</i> , 1992, 03, 249-252.	5.2	12
21	The Brain as an Input-Output Model of the World. <i>Minds and Machines</i> , 2018, 28, 53-75.	4.8	11
22	The role of the environment in computational explanations. <i>European Journal for Philosophy of Science</i> , 2019, 9, 1.	1.1	11
23	Integrating computation into the mechanistic hierarchy in the cognitive and neural sciences. <i>Synthese</i> , 2021, 199, 43-66.	1.1	9
24	The Church-Turing thesis. <i>Communications of the ACM</i> , 2018, 62, 66-74.	4.5	9
25	Concepts of Supervenience Revisited. <i>Erkenntnis</i> , 2013, 78, 469-485.	0.9	8
26	Strong Global Supervenience is Valuable. <i>Erkenntnis</i> , 2009, 71, 417-423.	0.9	6
27	Computation, San Diego Style. <i>Philosophy of Science</i> , 2010, 77, 862-874.	1.0	5
28	The Cartesian Theater stance. <i>Behavioral and Brain Sciences</i> , 1992, 15, 209-210.	0.7	3
29	Supertasks do not increase computational power. <i>Natural Computing</i> , 2012, 11, 51-58.	3.0	3
30	Anomalism and Supervenience: A Critical Survey. <i>Canadian Journal of Philosophy</i> , 2009, 39, 237-272.	0.9	2
31	TOWARDS A MODELING VIEW OF COMPUTING. , 2011, , 381-391.		1
32	Supervenience and Anomalism are Compatible. <i>Dialectica</i> , 2011, 65, 241-266.	0.3	1
33	Review of Physical Computation: A Mechanistic Account by Gualtiero Piccinini Gualtiero Piccinini, <i>Physical Computation: A Mechanistic Account</i> . Oxford: Oxford University Press (2015), 313 pp., \$65.00 (cloth).. <i>Philosophy of Science</i> , 2017, 84, 604-612.	1.0	0
34	Physical Computability Theses. <i>Jerusalem Studies in Philosophy and History of Science</i> , 2020, , 217-231.	0.8	0