

William J Clancey

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

2,598
citations

516710

16
h-index

552781

26
g-index

38
all docs

38
docs citations

38
times ranked

777
citing authors

#	ARTICLE	IF	CITATIONS
1	Heuristic classification. <i>Artificial Intelligence</i> , 1985, 27, 289-350.	5.8	821
2	The epistemology of a rule-based expert system – a framework for explanation. <i>Artificial Intelligence</i> , 1983, 20, 215-251.	5.8	514
3	Situated Action: A Neuropsychological Interpretation Response to Vera and Simon. <i>Cognitive Science</i> , 1993, 17, 87-116.	1.7	194
4	Tutoring rules for guiding a case method dialogue. <i>International Journal of Man-Machine Studies</i> , 1979, 11, 25-49.	0.7	126
5	Brahms: simulating practice for work systems design. <i>International Journal of Human Computer Studies</i> , 1998, 49, 831-865.	5.6	124
6	Model construction operators. <i>Artificial Intelligence</i> , 1992, 53, 1-115.	5.8	113
7	Strategic explanations for a diagnostic consultation system. <i>International Journal of Man-Machine Studies</i> , 1984, 20, 3-19.	0.7	80
8	Simulating activities: Relating motives, deliberation, and attentive coordination. <i>Cognitive Systems Research</i> , 2002, 3, 471-499.	2.7	76
9	Brahms: a multi-agent modelling environment for simulating work processes and practices. <i>International Journal of Simulation and Process Modelling</i> , 2007, 3, 134.	0.2	54
10	The knowledge level reinterpreted: Modeling how systems interact. <i>Machine Learning</i> , 1989, 4, 285-291.	5.4	53
11	Learning as Social and Neural. <i>Educational Psychologist</i> , 1992, 27, 435-453.	9.0	51
12	The knowledge level reinterpreted: Modeling socio-technical systems. <i>International Journal of Intelligent Systems</i> , 1993, 8, 33-49.	5.7	51
13	Observation of Work Practices in Natural Settings. , 2006, , 127-146.		42
14	Scientific Antecedents of Situated Cognition. , 2001, , 11-34.		32
15	Modeling and Simulation for Mission Operations Work System Design. <i>Journal of Management Information Systems</i> , 2003, 19, 85-128.	4.3	26
16	Situated Cognition: Stepping out of Representational Flatland. <i>AI Communications</i> , 1991, 4, 109-112.	1.2	25
17	Field Science Ethnography: Methods for Systematic Observation on an Arctic Expedition. <i>Field Methods</i> , 2001, 13, 223-243.	0.8	24
18	Representing Control Knowledge as Abstract Tasks and Metarules. , 1988, , 1-77.		24

#	ARTICLE	IF	CITATIONS
19	Guidon-manage revisited: A socio-technical systems approach. Lecture Notes in Computer Science, 1992, , 21-36.	1.3	20
20	The strange, familiar, and forgotten: An anatomy of consciousness. Artificial Intelligence, 1993, 60, 313-356.	5.8	13
21	Multi-agent Simulation to Implementation: A Practical Engineering Methodology for Designing Space Flight Operations. Lecture Notes in Computer Science, 2008, , 108-123.	1.3	13
22	Aviation safety. , 2013, , .		13
23	The Knowledge Engineer as Student: Metacognitive Bases for Asking Good Questions. , 1988, , 80-113.		13
24	Progress Appraisal as a Challenging Element of Coordination in Human and Machine Joint Activity. Lecture Notes in Computer Science, 2007, , 124-141.	1.3	10
25	Practice Cannot be Reduced to Theory: Knowledge, Representations, and Change in the Workplace. , 1995, , 16-46.		10
26	Understanding computers and cognition: A new foundation for design. Artificial Intelligence, 1987, 31, 232-250.	5.8	9
27	Participant Observation of a Mars Surface Habitat Mission Simulation. Habitation, 2006, 11, 27-47.	0.2	8
28	Brahms An Agent-Oriented Language for Work Practice Simulation and Multi-Agent Systems Development. , 2009, , 73-117.		7
29	A Transactional Perspective on the Practice-Based Science of Teaching and Learning. , 2011, , 247-278.		7
30	Cognitive Modeling of Social Behaviors. , 2005, , 151-185.		5
31	Workflow agents versus expert systems: Problem solving methods in work systems design. Artificial Intelligence for Engineering Design, Analysis and Manufacturing: AIEDAM, 2009, 23, 357-371.	1.1	5
32	Comment on diSessa. Cognition and Instruction, 1994, 12, 97-102.	2.9	3
33	Conceptual coordination bridges information processing and neurophysiology. Behavioral and Brain Sciences, 2000, 23, 919-922.	0.7	2
34	Collaborative systems for NASA science, engineering, and mission operations. , 2011, , .		1
35	Spatial Conception of Activities: Settings, Identity, and Felt Experience. Contributions To Phenomenology, 2018, , 81-109.	0.5	1
36	Spatial conception of activities: a socio-cognitive perspective for simulating work practices. Cognitive Processing, 2015, 16, 189-192.	1.4	0