

Jean-Claude Falmagne

List of Publications by Year in descending order

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35
papers

1,086
citations

759055

12
h-index

580701

25
g-index

43
all docs

43
docs citations

43
times ranked

298
citing authors

#	ARTICLE	IF	CITATIONS
1	Spaces for the assessment of knowledge. International Journal of Man-Machine Studies, 1985, 23, 175-196.	0.7	337
2	Introduction to knowledge spaces: How to build, test, and search them.. Psychological Review, 1990, 97, 201-224.	2.7	185
3	On realizable biorders and the biorder dimension of a relation. Journal of Mathematical Psychology, 1984, 28, 73-109.	1.0	123
4	The Assessment of Knowledge, in Theory and in Practice. Lecture Notes in Computer Science, 2006, , 61-79.	1.0	74
5	Well-graded families of relations. Discrete Mathematics, 1997, 173, 35-44.	0.4	65
6	A stochastic model of preference change and its application to 1992 presidential election panel data.. Psychological Review, 1999, 106, 362-384.	2.7	39
7	A Probabilistic Theory of Extensive Measurement. Philosophy of Science, 1980, 47, 277-296.	0.5	36
8	Languages for the assessment of knowledge. Journal of Mathematical Psychology, 1986, 30, 243-256.	1.0	25
9	Stochastic Learning Paths in a Knowledge Structure. Journal of Mathematical Psychology, 1993, 37, 489-512.	1.0	24
10	Stochastic evolution of rationality. , 1997, 43, 107-138.		22
11	Matching relations and the dimensional structure of social choices. Mathematical Social Sciences, 1984, 7, 211-229.	0.3	17
12	Recasting (the near-miss to) Weber's law.. Psychological Review, 2003, 110, 365-375.	2.7	17
13	A Set of Independent Axioms for Positive Holder Systems. Philosophy of Science, 1975, 42, 137-151.	0.5	13
14	On verifying and engineering the wellgradedness of a union-closed family. Journal of Mathematical Psychology, 2009, 53, 34-39.	1.0	13
15	Parametrization of knowledge structures. Discrete Applied Mathematics, 1988, 21, 87-100.	0.5	12
16	Systematic covariation of the parameters in the near-miss to Weber's law, pointing to a new law. Journal of Mathematical Psychology, 2006, 50, 242-250.	1.0	11
17	Meaningfulness and Order-Invariance: Two Fundamental Principles for Scientific Laws. Foundations of Physics, 2004, 34, 1341-1384.	0.6	10
18	Almost Connected Orders. Order, 2001, 18, 295-311.	0.3	9

#	ARTICLE	IF	CITATIONS
19	Algorithms for media. <i>Discrete Applied Mathematics</i> , 2008, 156, 1308-1320.	0.5	9
20	The tune in-and-out model: A random walk and its application to a presidential election survey. <i>Journal of Mathematical Psychology</i> , 2005, 49, 276-289.	1.0	8
21	Axiomatic derivation of the Doppler factor and related relativistic laws. <i>Aequationes Mathematicae</i> , 2010, 80, 85-99.	0.4	7
22	Probabilistic Knowledge Spaces: A Review. <i>The IMA Volumes in Mathematics and Its Applications</i> , 1989, , 95-101.	0.5	5
23	On Meaningful Scientific Laws. , 2015, , .		5
24	Deriving meaningful scientific laws from abstract, "œgedanken" type, axioms: five examples. <i>Aequationes Mathematicae</i> , 2015, 89, 393-435.	0.4	4
25	Stochastic applications of media theory: Random walks on weak orders or partial orders. <i>Discrete Applied Mathematics</i> , 2008, 156, 1183-1196.	0.5	3
26	Finite Markov Learning Models for Knowledge Structures. <i>Recent Research in Psychology</i> , 1994, , 75-89.	0.5	3
27	Meaningfulness as a "œPrinciple of Theory Construction" Journal of Mathematical Psychology, 2016, 75, 59-67.	1.0	2
28	Knowledge Structures and Learning Spaces. , 2011, , 23-41.		2
29	On meaningful transformation equations. <i>Aequationes Mathematicae</i> , 2019, 93, 813-850.	0.4	1
30	Overview and Basic Mathematical Concepts. , 2011, , 1-21.		0
31	Stochastic Learning Paths*. , 2011, , 215-240.		0
32	Probabilistic Knowledge Structures. , 2011, , 187-214.		0
33	Well-Graded Knowledge Structures. , 2011, , 61-79.		0
34	Combinatoric and Geometric Aspects of Some Probabilistic Choice Models "œ" A Review. , 1999, , 179-203.		0
35	Mediatic Graphs. <i>Studies in Choice and Welfare</i> , 2009, , 325-343.	0.2	0