

Terence R Smith

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

891
citations

566801

15
h-index

552369

26
g-index

32
all docs

32
docs citations

32
times ranked

532
citing authors

#	ARTICLE	IF	CITATIONS
1	Stability and the conservation of mass in drainage basin evolution. <i>Water Resources Research</i> , 1972, 8, 1506-1529.	1.7	325
2	A theory for the emergence of channelized drainage. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	63
3	A Decision-Making and Search Model For Intraurban Migration. <i>Geographical Analysis</i> , 1979, 11, 1-22.	1.9	56
4	ARTIFICIAL INTELLIGENCE AND ITS APPLICABILITY TO GEOGRAPHICAL PROBLEM SOLVING. <i>Professional Geographer</i> , 1984, 36, 147-158.	1.0	46
5	A Derivation of the Hydraulic Geometry of Steady-State Channels from Conservation Principles and Sediment Transport Laws. <i>Journal of Geology</i> , 1974, 82, 98-104.	0.7	45
6	Alexandria digital library: user evaluation studies and system design. <i>Journal of the Association for Information Science and Technology</i> , 2000, 51, 246-259.	1.2	37
7	The scaling of fluvial landscapes. <i>Computers and Geosciences</i> , 2001, 27, 1189-1216.	2.0	35
8	A geographic knowledge representation system for multimedia geospatial retrieval and analysis. <i>International Journal on Digital Libraries</i> , 1997, 1, 132-152.	1.1	33
9	Towards an elementary theory of drainage basin evolution: I. The theoretical basis. <i>Computers and Geosciences</i> , 1997, 23, 811-822.	2.0	32
10	Towards an elementary theory of drainage basin evolution: II. A computational evaluation. <i>Computers and Geosciences</i> , 1997, 23, 823-849.	2.0	28
11	Transient attractors: towards a theory of the graded stream for alluvial and bedrock channels. <i>Computers and Geosciences</i> , 2000, 26, 541-580.	2.0	27
12	Deriving and Testing Production System Models of Sequential Decision-Making Behavior. <i>Geographical Analysis</i> , 1984, 16, 191-222.	1.9	27
13	Uncertainty, Diversification, and Mental Maps In Spatial Choice Problems. <i>Geographical Analysis</i> , 1978, 10, 120-141.	1.9	25
14	Watershed geochemistry: The control of aqueous solutions by soil materials in a small watershed. <i>Earth Surfaces Processes</i> , 1977, 2, 421-425.	0.7	17
15	Commentary On "The Highest Form of the Geographer's Art". <i>Annals of the American Association of Geographers</i> , 1982, 72, 557-558.	3.0	17
16	MIGRATION, RISK AVERSION, AND REGIONAL DIFFERENTIATION. <i>Journal of Regional Science</i> , 1979, 19, 31-45.	2.1	11
17	A note on the determinants and eigenvalues of distance matrices. <i>Linear and Multilinear Algebra</i> , 1989, 25, 219-230.	0.5	11
18	Conservation principles and the initiation of channelized surface flows. <i>Geophysical Monograph Series</i> , 1995, , 1-25.	0.1	10

#	ARTICLE	IF	CITATIONS
19	Adaptive load sharing for clustered digital library servers. International Journal on Digital Libraries, 2000, 2, 225-235.	1.1	8
20	Meta-information in digital libraries. International Journal on Digital Libraries, 1997, 1, 105-107.	1.1	7
21	Functional Invariance under Spatial Aggregation from Continuous Spatial Interaction Models. Geographical Analysis, 1985, 17, 217-230.	1.9	7
22	SPATIAL EXTERNALITIES AND THE STABILITY OF INTERACTING POPULATIONS NEAR THE CENTER OF A LARGE AREA*. Journal of Regional Science, 1982, 22, 1-18.	2.1	5
23	A Note on the Consequences of Risk Aversion and Age for Duration of Stay Effects in a Heterogeneous Population. Geographical Analysis, 1979, 11, 183-188.	1.9	5
24	On the Efficiency and Optimality of Spatially Structured Personal Information Fields, with Some Implications for Heterogeneous Social Aggregates. Geographical Analysis, 1980, 12, 1-20.	1.9	4
25	Analytic Theory of Equilibrium Fluvial Landscapes: The Integration of Hillslopes and Channels. Journal of Geophysical Research F: Earth Surface, 2018, 123, 557-615.	1.0	4
26	Browsing and placement of multi-resolution images on parallel disks. Multimedia Systems, 2003, 8, 459-469.	3.0	2
27	More Thoughts on Theory in the Social Sciences. Geographical Analysis, 2010, 15, 40-42.	1.9	1
28	Alexandria digital library: user evaluation studies and system design. , 2000, 51, 246.		1
29	Deeper representation of digital information: From metadata to semantic data. Proceedings of the American Society for Information Science and Technology, 2005, 39, 451-451.	0.2	0
30	Destabilization of an urban subsystem by a virtual collapse in its space-time structure. Environment and Planning B: Urban Analytics and City Science, 2021, 48, 1650-1666.	1.0	0
31	A Variational Principle for the Integrated Channels and Slopes of Stable Equilibrium Landscapes. Journal of Geophysical Research F: Earth Surface, 2021, 126, e2020JF006014.	1.0	0