

Jason B Morrison

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,570
citations

759233

12
h-index

526287

27
g-index

33
all docs

33
docs citations

33
times ranked

2191
citing authors

#	ARTICLE	IF	CITATIONS
1	A review and evaluation of intraurban air pollution exposure models. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2005, 15, 185-204.	3.9	868
2	Establishing an air pollution monitoring network for intra-urban population exposure assessment: A location-allocation approach. <i>Atmospheric Environment</i> , 2005, 39, 2399-2409.	4.1	212
3	On the false-positive rate of Bloom filters. <i>Information Processing Letters</i> , 2008, 108, 210-213.	0.6	127
4	Rapid biodiagnostic ex vivo imaging at 1 μ m pixel resolution with thermal source FTIR FPA. <i>Analyst</i> , The, 2015, 140, 2493-2503.	3.5	48
5	Using participatory design to develop (public) health decision support systems through GIS. <i>International Journal of Health Geographics</i> , 2007, 6, 53.	2.5	40
6	Space-efficient planar convex hull algorithms. <i>Theoretical Computer Science</i> , 2004, 321, 25-40.	0.9	38
7	Finite element analysis of the head-neck taper interface of modular hip prostheses. <i>Tribology International</i> , 2015, 91, 206-213.	5.9	33
8	Tissue acquisition and storage associated oxidation considerations for FTIR microspectroscopic imaging of polyunsaturated fatty acids. <i>Vibrational Spectroscopy</i> , 2012, 60, 16-22.	2.2	26
9	Space-efficient geometric divide-and-conquer algorithms. <i>Computational Geometry: Theory and Applications</i> , 2007, 37, 209-227.	0.5	24
10	Effect of injection pressure and fluid volume and density on the jet dispersion pattern of needle-free injection devices. <i>Biosystems Engineering</i> , 2015, 138, 59-64.	4.3	23
11	Linear-Space Data Structures for Range Mode Query in Arrays. <i>Theory of Computing Systems</i> , 2014, 55, 719-741.	1.1	18
12	Producing light-weight bast fibers from canola biomass for technical textiles. <i>Textile Research Journal</i> , 2020, 90, 1311-1325.	2.2	18
13	Mapping as a knowledge translation tool for Ontario Early Years Centres: views from data analysts and managers. <i>Implementation Science</i> , 2008, 3, 4.	6.9	10
14	If you build it, they still may not come: outcomes and process of implementing a community-based integrated knowledge translation mapping innovation. <i>Implementation Science</i> , 2010, 5, 47.	6.9	10
15	A General Model of Co-evolution for Genetic Algorithms. , 1999, , 262-268.		10
16	Translating a regular grid over a point set. <i>Computational Geometry: Theory and Applications</i> , 2003, 25, 21-34.	0.5	8
17	A study of the effectiveness of a needle-free injection device compared with a needle and syringe used to vaccinate calves against bovine viral diarrhoea and infectious bovine rhinotracheitis viruses. <i>Veterinary Journal</i> , 2013, 198, 235-238.	1.7	8
18	Non-uniform system response detection for hyperspectral imaging systems. <i>Infrared Physics and Technology</i> , 2015, 73, 263-268.	2.9	8

#	ARTICLE	IF	CITATIONS
19	Separation of Fiber and Shives from Decorticated Flax. <i>Applied Engineering in Agriculture</i> , 2017, 33, 113-120.	0.7	7
20	Thermal source Fourier transform infrared microtomography applied to Arctic sea ice diatoms. <i>Analyst</i> , 2017, 142, 660-669.	3.5	5
21	The Grid Placement Problem. <i>Lecture Notes in Computer Science</i> , 2001, , 180-191.	1.3	5
22	Maintaining genetic diversity in genetic algorithms through co-evolution. <i>Lecture Notes in Computer Science</i> , 1998, , 128-138.	1.3	4
23	A review and evaluation of intraurban air pollution exposure models. , 0, .		4
24	The effect of patient positioning on the precision of model-based radiostereometric analysis. <i>Journal of Biomechanics</i> , 2014, 47, 1914-1917.	2.1	3
25	Three-dimensional Movement and Distribution of <i>Cryptolestes ferrugineus</i> (Coleoptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Environmental Entomology, 2022, 51, 11-21.	1.4	3
26	On Combinatorial Depth Measures. <i>International Journal of Computational Geometry and Applications</i> , 2018, 28, 381-398.	0.5	2
27	The geometry of carpentry and joinery. <i>Discrete Applied Mathematics</i> , 2004, 144, 374-380.	0.9	1
28	ROBUST NONPARAMETRIC SIMPLIFICATION OF POLYGONAL CHAINS. <i>International Journal of Computational Geometry and Applications</i> , 2013, 23, 427-441.	0.5	1
29	<i>Effect of Field Retting in Manitoba and Maceration on Fibre Yield of Hemp (Cannabis sativa L.) Stalks</i>, 2017, , .		0
30	Robust Nonparametric Data Approximation of Point Sets via Data Reduction. <i>Lecture Notes in Computer Science</i> , 2012, , 319-331.	1.3	0
31	The Process of Continual Improvement of Engineering Programs at the University of Manitoba: Now and Next. <i>Proceedings of the Canadian Engineering Education Association (CEEÄ)</i> , 0, , .	0.2	0