

Kevin Knudson

List of Publications by Year in descending order

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22
papers

129
citations

1937685

4
h-index

1281871

11
g-index

25
all docs

25
docs citations

25
times ranked

83
citing authors

#	ARTICLE	IF	CITATIONS
1	Generating Discrete Morse Functions from Point Data. <i>Experimental Mathematics</i> , 2005, 14, 435-444.	0.7	64
2	NONLINEAR STATISTICS OF HUMAN SPEECH DATA. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2009, 19, 2307-2319.	1.7	15
3	A refinement of multi-dimensional persistence. <i>Homology, Homotopy and Applications</i> , 2008, 10, 259-281.	0.4	10
4	RELATIVE COMPLETIONS AND THE COHOMOLOGY OF LINEAR GROUPS OVER LOCAL RINGS. <i>Journal of the London Mathematical Society</i> , 2002, 65, 183-203.	1.0	5
5	The Homology of $SL_2(\mathbb{F}[t, t^{-1}])$. <i>Journal of Algebra</i> , 1996, 180, 87-101.	0.7	4
6	Unstable homotopy invariance and the homology of $SL_2(\mathbb{Z}[t])$. <i>Journal of Pure and Applied Algebra</i> , 2000, 148, 255-266.	0.6	3
7	Homology and finiteness properties of $SL_2(\hat{\mathbb{Z}}[[t, t^{-1}]])$. <i>Algebraic and Geometric Topology</i> , 2008, 8, 2253-2261.	0.4	2
8	Birth and death in discrete Morse theory. <i>Journal of Symbolic Computation</i> , 2017, 78, 41-60.	0.8	2
9	Homology of linear groups via cycles in $B\mathbb{G}_m \times X$. <i>Journal of Pure and Applied Algebra</i> , 2004, 192, 187-202.	0.6	1
10	On the kernel of the Gassner representation. <i>Archiv Der Mathematik</i> , 2005, 85, 108-117.	0.5	1
11	Approximate Triangulations of Grassmann Manifolds. <i>Algorithms</i> , 2020, 13, 172.	2.1	1
12	Beyond Pi and e: a Collection of Constants. <i>Math Horizons</i> , 2022, 29, 8-12.	0.0	1
13	Unstable homotopy invariance for finite fields. <i>Fundamenta Mathematicae</i> , 2002, 175, 155-162.	0.5	1
14	Franz and Georg: Cantor's Mathematics of the Infinite in the Work of Kafka. <i>Journal of Humanistic Mathematics</i> , 2017, 7, 147-154.	0.1	1
15	Discrete Stratified Morse Theory. <i>Discrete and Computational Geometry</i> , 0, , 1.	0.6	1
16	Correction to "Relative Completions of Linear Groups over $\mathbb{Z}[t]$ and $\mathbb{Z}[t, t^{-1}]$ ". <i>Transactions of the American Mathematical Society</i> , 2001, 353, 3833-3834.	0.9	0
17	Relative Completions of Linear Groups Over Coordinate Rings of Curves. <i>Communications in Algebra</i> , 2007, 35, 3904-3908.	0.6	0
18	Cutting Against the Grain: Volumes of Solids of Revolution via Cross-Sections Parallel to the Rotation Axis. <i>College Mathematics Journal</i> , 2018, 49, 114-120.	0.1	0

#	ARTICLE	IF	CITATIONS
19	<i>Discrete Morse Theory</i> by Nicholas Scoville. <i>American Mathematical Monthly</i> , 2020, 127, 763-768.	0.3	0
20	Transitioning to an Active Learning Environment for Calculus at the University of Florida. <i>Primus</i> , 2021, 31, 517-531.	0.5	0
21	Illuminating Illustration: Don't Give Up on That Series. <i>Math Horizons</i> , 2021, 28, 15-17.	0.0	0
22	Min-Max Theory for Cell Complexes. <i>Algebra Colloquium</i> , 2020, 27, 447-454.	0.2	0