

Katsuro Sakai

List of Publications by Year in descending order

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32
papers

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1307594

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all docs

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docs citations

32
times ranked

25
citing authors

#	ARTICLE	IF	CITATIONS
1	Geometric Aspects of General Topology. Springer Monographs in Mathematics, 2013, , .	0.2	37
2	The completions of metric ANR's and homotopy dense subsets. Journal of the Mathematical Society of Japan, 2000, 52, 835.	0.4	23
3	Hyperspaces of non-compact metrizable spaces which are homeomorphic to the Hilbert cube. Topology and Its Applications, 2003, 127, 331-342.	0.4	14
4	Characterizing Manifolds Modeled on Certain Dense Subspaces of Non-Separable Hilbert Spaces. Tsukuba Journal of Mathematics, 2003, 27, 143.	0.1	10
5	A factor of singular homology. Tsukuba Journal of Mathematics, 1991, 15, .	0.1	10
6	Hyperspaces of separable Banach spaces with the Wijsman topology. Topology and Its Applications, 2005, 148, 7-32.	0.4	8
7	On \mathbb{R}^{∞} -manifolds and \mathbb{Q}^{∞} -manifolds, $\hat{\dots}$: Infinite deficiency. Tsukuba Journal of Mathematics, 1984, 8, .	0.1	7
8	Combinatorial infinite-dimensional manifolds and \mathbb{R}^{∞} -manifolds. Topology and Its Applications, 1987, 26, 43-64.	0.4	7
9	Classifying homeomorphism groups of infinite graphs. Topology and Its Applications, 2009, 156, 2845-2869.	0.4	7
10	Subdivisions of Simplicial Complexes Preserving the Metric Topology. Canadian Mathematical Bulletin, 2012, 55, 157-163.	0.5	7
11	A Hilbert cube compactification of the Banach space of continuous functions. Topology and Its Applications, 1999, 92, 107-118.	0.4	6
12	Hyperspaces with the Hausdorff Metric and Uniform ANR's. Journal of the Mathematical Society of Japan, 2005, 57, 523.	0.4	6
13	Hyperspaces of Normed Linear Spaces with the Attouch-Wets Topology. Set-Valued and Variational Analysis, 2003, 11, 21-36.	0.5	5
14	Simplicial Complexes and Open Subsets of Non-Separable LF-Spaces. Canadian Journal of Mathematics, 2011, 63, 436-459.	0.6	5
15	Topology of Infinite-Dimensional Manifolds. Springer Monographs in Mathematics, 2020, , .	0.2	5
16	Simplicial complexes triangulating infinite-dimensional manifolds. Topology and Its Applications, 1988, 29, 167-183.	0.4	4
17	Small subdivisions of simplicial complexes with the metric topology. Journal of the Mathematical Society of Japan, 2011, 63, .	0.4	2
18	Topological type of the group of uniform homeomorphisms of the real line. Topology and Its Applications, 2011, 158, 572-581.	0.4	2

#	ARTICLE	IF	CITATIONS
19	On homeomorphism groups of non-compact surfaces, endowed with the Whitney topology. <i>Topology and Its Applications</i> , 2014, 164, 170-181.	0.4	2
20	Stability for infinite-dimensional fibre bundles. <i>Tsukuba Journal of Mathematics</i> , 1981, 5, 85.	0.1	1
21	Homeomorphisms of infinite-dimensional fibre bundles. <i>Tsukuba Journal of Mathematics</i> , 1982, 6, 21.	0.1	1
22	A Hilbert cube compactification of the function space with the compact-open topology. <i>Open Mathematics</i> , 2009, 7, .	1.0	1
23	A Hilbert cube compactification of a function space from a Peano space into a one-dimensional locally compact absolute retract. <i>Topology and Its Applications</i> , 2014, 161, 37-57.	0.4	1
24	Spaces of upper semi-continuous multi-valued functions on separable metric spaces. <i>Tsukuba Journal of Mathematics</i> , 2000, 24, 69.	0.1	0
25	The box topology of infinite simplicial complexes. <i>Tsukuba Journal of Mathematics</i> , 2013, 36, .	0.1	0
26	Hausdorff hyperspaces of \mathbb{R}^m and their dense subspaces. <i>Journal of the Mathematical Society of Japan</i> , 2008, 60, .	0.4	0
27	<i>Simplicial Complexes and Polyhedra</i> . Springer Monographs in Mathematics, 2013, , 133-248.	0.2	0
28	Images of S^2 -manifolds under approximate fibrations. <i>Proceedings of the Japan Academy Series A: Mathematical Sciences</i> , 1981, 57, .	0.4	0
29	<i>Manifolds Modeled on Direct Limits and Combinatorial $\hat{\omega}$-Manifolds</i> . Springer Monographs in Mathematics, 2020, , 479-580.	0.2	0
30	<i>Fundamental Results on Infinite-Dimensional Manifolds</i> . Springer Monographs in Mathematics, 2020, , 81-201.	0.2	0
31	<i>Manifolds Modeled on Homotopy Dense Subspaces of Hilbert Spaces</i> . Springer Monographs in Mathematics, 2020, , 353-477.	0.2	0
32	<i>Characterizations of Hilbert Manifolds and Hilbert Cube Manifolds</i> . Springer Monographs in Mathematics, 2020, , 203-288.	0.2	0