

Jes s Gonz lez

List of Publications by Year in descending order

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papers

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1478505

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1372567

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24
all docs

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docs citations

24
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Higher topological complexity and its symmetrization. Algebraic and Geometric Topology, 2014, 14, 2103-2124.	0.4	33
2	Symmetric topological complexity of projective and lens spaces. Algebraic and Geometric Topology, 2009, 9, 473-494.	0.4	12
3	Sequential motion planning of non-colliding particles in Euclidean spaces. Proceedings of the American Mathematical Society, 2015, 143, 4503-4512.	0.8	11
4	Topological robotics in lens spaces. Mathematical Proceedings of the Cambridge Philosophical Society, 2005, 139, 469.	0.4	10
5	Connective K -Theoretic Euler Classes and Non-Immersions of $2k$ -Lens Spaces. Journal of the London Mathematical Society, 2001, 63, 247-256.	1.0	8
6	Linear motion planning with controlled collisions and pure planar braids. Homology, Homotopy and Applications, 2021, 23, 275-296.	0.4	8
7	Sequential motion planning algorithms in real projective spaces: An approach to their immersion dimension. Forum Mathematicum, 2018, 30, 397-417.	0.7	5
8	Motion planning in real flag manifolds. Homology, Homotopy and Applications, 2016, 18, 359-375.	0.4	5
9	2-divisibility in the Brown-Peterson $[2k]$ -series. Journal of Pure and Applied Algebra, 2001, 157, 57-68.	0.6	4
10	Topological complexity of motion planning in projective product spaces. Algebraic and Geometric Topology, 2013, 13, 1027-1047.	0.4	4
11	Farley's Sabalka's Morse-Theory Model and the Higher Topological Complexity of Ordered Configuration Spaces on Trees. Discrete and Computational Geometry, 2022, 67, 258-286.	0.6	3
12	Symmetric Bi-Skew Maps and Symmetrized Motion Planning in Projective Spaces. Proceedings of the Edinburgh Mathematical Society, 2018, 61, 1087-1100.	0.3	2
13	Right-angled Artin groups, polyhedral products and the χ -generating function. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 0, , 1-25.	1.2	2
14	Modified Stirling Numbers and p -Divisibility in the Universal Typical p k -Series. Journal of Algebraic Combinatorics, 2003, 17, 75-89.	0.8	1
15	Samuel Gitler and his work. Boletín De La Sociedad Matemática Mexicana, 2015, 21, 3-8.	0.7	1
16	A Randomized Greedy Algorithm for Piecewise Linear Motion Planning. Mathematics, 2021, 9, 2358.	2.2	1
17	On the embedding dimension of 2-torsion lens spaces. Homology, Homotopy and Applications, 2009, 11, 133-160.	0.4	1
18	Sectional category and the fixed point property. Topological Methods in Nonlinear Analysis, 0, , 1.	0.2	1

#	ARTICLE	IF	CITATIONS
19	An algebraic approach to $BP\langle \mathbb{Z}/p \rangle$. <i>Topology and Its Applications</i> , 2002, 121, 57-61.	0.4	0
20	Complex-projective and lens product spaces. <i>Boletín De La Sociedad Matemática Mexicana</i> , 2014, 20, 319-333.	0.7	0
21	SEQUENTIAL COLLISION-FREE OPTIMAL MOTION PLANNING ALGORITHMS IN PUNCTURED EUCLIDEAN SPACES. <i>Bulletin of the Australian Mathematical Society</i> , 2020, 102, 506-516.	0.5	0
22	Homotopy type of skeleta of the flag complex over a finite vector space and generalized Galois numbers. <i>Journal of Applied and Computational Topology</i> , 2020, 4, 181-198.	2.0	0
23	Effective topological complexity of orientable-surface groups. <i>Topology and Its Applications</i> , 2021, 290, 107575.	0.4	0
24	On Lusternik-Schnirelmann category and topological complexity of non-k-equal manifolds. <i>Journal of Homotopy and Related Structures</i> , 2022, 17, 217-231.	0.7	0