John Oprea

List of Publications by Year
in descending order

30	526	1170033 9	759306 22
papers	citations	h-index	g-index

34	34	34	173
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Homotopy invariants and almost non-negative curvature. Mathematische Zeitschrift, 2022, 300, 1117-1140.	0.4	1
2	Homotopy Theory in Digital Topology. Discrete and Computational Geometry, 2022, 67, 112-165.	0.4	7
3	Subdivision of Maps of Digital Images. Discrete and Computational Geometry, 2022, 67, 698-742.	0.4	3
4	A fundamental group for digital images. Journal of Applied and Computational Topology, 2021, 5, 249-311.	1.0	7
5	Bredon cohomology and robot motion planning. Algebraic and Geometric Topology, 2019, 19, 2023-2059.	0.1	15
6	An upper bound for topological complexity. Topology and Its Applications, 2019, 255, 109-125.	0.2	10
7	Higher topological complexity of aspherical spaces. Topology and Its Applications, 2019, 258, 142-160.	0.2	9
8	Hereditary properties of co-KÃhler manifolds. Differential Geometry and Its Applications, 2017, 50, 126-139.	0.2	2
9	On the geometry of the rotating liquid drop. Mathematics and Computers in Simulation, 2016, 127, 194-202.	2.4	1
10	New lower bounds for the topological complexity of aspherical spaces. Topology and Its Applications, 2015, 189, 78-91.	0.2	7
11	A mapping theorem for topological complexity. Algebraic and Geometric Topology, 2015, 15, 1643-1666.	0.1	4
12	On the structure of co-KÃhler manifolds. Geometriae Dedicata, 2014, 170, 71-85.	0.1	9
13	Spaces of topological complexity one. Homology, Homotopy and Applications, 2013, 15, 73-81.	0.2	10
14	On FoxÊ¼s m-dimensional category and theorems of Bochner type. Topology and Its Applications, 2012, 159, 1448-1461.	0.2	2
15	Mixing categories. Proceedings of the American Mathematical Society, 2011, 139, 3383-3392.	0.4	6
16	Lusternikâ€“Schnirelmann category, complements of skeleta and a theorem of Dranishnikov. Algebraic and Geometric Topology, 2010, 10, 1165-1186.	0.1	4
17	The propagation of non-Lefschetz type, the Gottlieb group and related questions. Journal of Fixed Point Theory and Applications, 2008, 3, 63-77.	0.6	1
18	A C-symplectic free S^1-manifold with contractible orbits and $mathbf{CAT} = rac12mathbf{DIM}$. Proceedings of the American Mathematical Society, 2005, 134, 599-604.	0.4	1

#	Article	IF	Citations
19	Flat circle bundles, pullbacks, and the circle made discrete. International Journal of Mathematics and Mathematical Sciences, 2005, 2005, 3487-3495.	0.3	1
20	The Mylar Balloon Revisited. American Mathematical Monthly, 2003, 110, 761-784.	0.2	32
21	Quotient maps, group actions and Lusternikâ€“Schnirelmann category. Topology and Its Applications, 2002, 117, 285-305.	0.2	9
22	Category bounds for nonnegative Ricci curvature manifolds with infinite fundamental group. Proceedings of the American Mathematical Society, 2001, 130, 833-839.	0.4	5
23	The mathematics of soap films. Student Mathematical Library, 2000, , 59-120.	0.0	11
24	On the Lusternikâ€“Schnirelmann category of symplectic manifolds and the Arnold conjecture. Mathematische Zeitschrift, 1999, 230, 673-678.	0.4	32
25	Koszulâ€“Sullivan Models and the Cohomology of Certain Solvmanifolds. Annals of Global Analysis and Geometry, 1997, 15, 347-360.	0.3	3
26	Cohomologically symplectic spaces: toral actions and the Gottlieb group. Transactions of the American Mathematical Society, 1995, 347, 261-288.	0.5	40
27	Symplectic manifolds and formality. Journal of Pure and Applied Algebra, 1994, 91, 193-207.	0.3	35
28	Principal bundles over tori and maps which induce the identity on homotopy. Topology and Its Applications, 1993, 52, 11-22.	0.2	1
29	A Homotopical Conner-Raymond Theorem and a Question of Gottlieb. Canadian Mathematical Bulletin, 1990, 33, 219-229.	0.3	7
30	Right-angled Artin groups, polyhedral products and the -generating function. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 0, , 1-25.	0.8	2