

# Erica Flapan

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

200  
citations

1040056

9  
h-index

1058476

14  
g-index

23  
all docs

23  
docs citations

23  
times ranked

105  
citing authors

#	ARTICLE	IF	CITATIONS
1	Topological descriptions of protein folding. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 9360-9369.	7.1	28
2	INTRINSICALLY n-LINKED GRAPHS. Journal of Knot Theory and Its Ramifications, 2001, 10, 1143-1154.	0.3	22
3	Topological symmetry groups of graphs embedded in the 3-sphere. Commentarii Mathematici Helvetici, 2005, 80, 317-354.	0.7	20
4	RIGIDITY OF GRAPH SYMMETRIES IN THE 3-SPHERE. Journal of Knot Theory and Its Ramifications, 1995, 04, 373-388.	0.3	19
5	Title is missing!. Helvetica Chimica Acta, 2000, 83, 1209-1223.	1.6	18
6	TOPOLOGICAL SYMMETRY GROUPS OF COMPLETE GRAPHS IN THE 3-SPHERE. Journal of the London Mathematical Society, 2006, 73, 237-251.	1.0	15
7	Topological Symmetry Groups of Small Complete Graphs. Symmetry, 2014, 6, 189-209.	2.2	14
8	Topological rubber gloves. Journal of Mathematical Chemistry, 1998, 23, 31-49.	1.5	11
9	Complete graphs whose topological symmetry groups are polyhedral. Algebraic and Geometric Topology, 2011, 11, 1405-1433.	0.4	9
10	Spatial graphs with local knots. Revista Matematica Complutense, 2012, 25, 493-510.	1.2	8
11	Symmetries of embedded complete bipartite graphs. Fundamenta Mathematicae, 2014, 226, 1-16.	0.5	5
12	Linking number and writhe in random linear embeddings of graphs. Journal of Mathematical Chemistry, 2016, 54, 1117-1133.	1.5	5
13	Topological symmetry groups of graphs in 3-manifolds. Proceedings of the American Mathematical Society, 2013, 141, 1423-1436.	0.8	5
14	Intrinsic chirality of multipartite graphs. Journal of Mathematical Chemistry, 2013, 51, 1853-1863.	1.5	4
15	Topological symmetry groups of Möbius ladders. Journal of Knot Theory and Its Ramifications, 2014, 23, 1450077.	0.3	4
16	UNRAVELLING TANGLED GRAPHS. Journal of Knot Theory and Its Ramifications, 2012, 21, 1250074.	0.3	3
17	Reduced Wu and generalized Simon invariants for spatial graphs. Mathematical Proceedings of the Cambridge Philosophical Society, 2014, 156, 521-544.	0.4	3
18	Topological Complexity in Protein Structures. Computational and Mathematical Biophysics, 2015, 3, .	1.1	3

#	ARTICLE	IF	CITATIONS
19	Topological Symmetry Groups of the Heawood Graph. <i>Symmetry</i> , 2020, 12, 546.	2.2	2
20	AMPHICHEIRAL LINKS WITH ODD CROSSING NUMBER. <i>Journal of Knot Theory and Its Ramifications</i> , 1998, 07, 87-91.	0.3	1
21	Asymmetric two-colourings of graphs in $S_3$ . <i>Mathematical Proceedings of the Cambridge Philosophical Society</i> , 2002, 132, 267-280.	0.4	1
22	Asymmetric 2-colourings of graphs. <i>Journal of Graph Theory</i> , 2017, 86, 361-374.	0.9	0
23	Intrinsic chirality of graphs in 3-manifolds. <i>Communications in Analysis and Geometry</i> , 2018, 26, 1223-1250.	0.4	0