

Maria Rita Casali

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A CATALOGUE OF ORIENTABLE 3-MANIFOLDS TRIANGULATED BY 30 COLORED TETRAHEDRA. <i>Journal of Knot Theory and Its Ramifications</i> , 2008, 17, 579-599.	0.3	24
2	Classifying PL 5-manifolds up to regular genus seven. <i>Proceedings of the American Mathematical Society</i> , 1994, 120, 275-283.	0.8	18
3	Cataloguing PL 4-Manifolds by Gem-Complexity. <i>Electronic Journal of Combinatorics</i> , 2015, 22, .	0.4	17
4	Title is missing!. <i>Acta Applicandae Mathematicae</i> , 1998, 54, 75-97.	1.0	15
5	Computing Matveev's Complexity via Crystallization Theory: The Orientable Case. <i>Acta Applicandae Mathematicae</i> , 2006, 92, 113-123.	1.0	15
6	2-Symmetric crystallizations and 2-fold branched coverings of S^3 . <i>Discrete Mathematics</i> , 1991, 87, 9-22.	0.7	14
7	Topology in colored tensor models via crystallization theory. <i>Journal of Geometry and Physics</i> , 2018, 129, 142-167.	1.4	14
8	Computing Matveev's complexity of non-orientable 3-manifolds via crystallization theory. <i>Topology and Its Applications</i> , 2004, 144, 201-209.	0.4	13
9	Classifying PL 5-Manifolds by Regular Genus: The Boundary Case. <i>Canadian Journal of Mathematics</i> , 1997, 49, 193-211.	0.6	11
10	Lower bounds for regular genus and gem-complexity of PL 4-manifolds. <i>Forum Mathematicum</i> , 2017, 29, 761-773.	0.7	10
11	PL 4-manifolds admitting simple crystallizations: framed links and regular genus. <i>Journal of Knot Theory and Its Ramifications</i> , 2016, 25, 1650005.	0.3	8
12	G-degree for singular manifolds. <i>Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas</i> , 2018, 112, 693-704.	1.2	8
13	A combinatorial characterization of 4-dimensional handlebodies. <i>Forum Mathematicum</i> , 1992, 4, .	0.7	7
14	A note about complexity of lens spaces. <i>Forum Mathematicum</i> , 2015, 27, .	0.7	7
15	Representing branched coverings by Edge-Coloured Graphs. <i>Topology and Its Applications</i> , 1989, 33, 197-207.	0.4	6
16	FROM FRAMED LINKS TO CRYSTALLIZATIONS OF BOUNDED 4-MANIFOLDS. <i>Journal of Knot Theory and Its Ramifications</i> , 2000, 09, 443-458.	0.3	5
17	A note about bistellar operations on PL-manifolds with boundary. <i>Geometriae Dedicata</i> , 1995, 56, 257-262.	0.3	4
18	On the regular genus of 5-manifolds with free fundamental group. <i>Forum Mathematicum</i> , 2003, 15, .	0.7	4

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19	Estimating Matveev's complexity via crystallization theory. <i>Discrete Mathematics</i> , 2007, 307, 704-714.	0.7	4
20	Complexity computation for compact 3-manifolds via crystallizations and Heegaard diagrams. <i>Topology and Its Applications</i> , 2012, 159, 3042-3048.	0.4	4
21	COMPUTING MATVEEV'S COMPLEXITY VIA CRYSTALLIZATION THEORY: THE BOUNDARY CASE. <i>Journal of Knot Theory and Its Ramifications</i> , 2013, 22, 1350038.	0.3	4
22	Dotted Links, Heegaard Diagrams, and Colored Graphs for PL 4-manifolds. <i>Revista Matematica Complutense</i> , 2004, 17, 435.	1.2	3
23	Coloured graphs representing PL 4-manifolds. <i>Electronic Notes in Discrete Mathematics</i> , 2013, 40, 83-87.	0.4	3
24	Combinatorial properties of the G-degree. <i>Revista Matematica Complutense</i> , 2019, 32, 239-254.	1.2	3
25	A Note on the Characterization of Handlebodies. <i>European Journal of Combinatorics</i> , 1993, 14, 301-310.	0.8	2
26	Classifying PL 5-Manifolds Up to Regular Genus Seven. <i>Proceedings of the American Mathematical Society</i> , 1994, 120, 275.	0.8	2
27	Compact 4-manifolds admitting special handle decompositions. <i>Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas</i> , 2021, 115, 1.	1.2	2
28	Coloured knots and coloured graphs representing 3-fold simple coverings of $\mathbb{R}P^3$. <i>Discrete Mathematics</i> , 1995, 137, 87-98.	0.7	1
29	A Combinatorial Proof of Rohlin Theorem. <i>Geometriae Dedicata</i> , 1997, 64, 297-310.	0.3	1
30	The Average Edge Order of 3-Manifold Coloured Triangulations. <i>Canadian Mathematical Bulletin</i> , 1994, 37, 154-161.	0.5	1
31	An equivalence criterion for 3-manifolds. <i>Revista Matematica Complutense</i> , 1997, 10, .	1.2	1
32	Fundamental groups of branched covering spaces of S^3 . <i>Annali Dell'Universita Di Ferrara</i> , 1987, 33, 247-258.	1.3	1
33	A universal branching set for 4-dimensional manifolds. <i>Annali Di Matematica Pura Ed Applicata</i> , 1993, 165, 261-279.	1.0	0
34	Two-Fold Branched Coverings of S^3 Have Type Six. <i>Revista Matematica Complutense</i> , 1992, 5, .	1.2	0