

# Michael Shapiro

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10535871/publications.pdf>

Version: 2024-02-01

27  
papers

1,098  
citations

759233

12  
h-index

552781

26  
g-index

29  
all docs

29  
docs citations

29  
times ranked

274  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cluster algebras and triangulated surfaces. Part I: Cluster complexes. <i>Acta Mathematica</i> , 2008, 201, 83-146.	3.9	341
2	Hurwitz numbers and intersections on moduli spaces of curves. <i>Inventiones Mathematicae</i> , 2001, 146, 297-327.	2.5	204
3	Cluster algebras and Weil-Petersson forms. <i>Duke Mathematical Journal</i> , 2005, 127, 291.	1.5	105
4	Skew-symmetric cluster algebras of finite mutation type. <i>Journal of the European Mathematical Society</i> , 2012, 14, 1135-1180.	1.4	60
5	Teichmüller Spaces of Riemann Surfaces with Orbifold Points of Arbitrary Order and Cluster Variables. <i>International Mathematics Research Notices</i> , 2014, 2014, 2746-2772.	1.0	38
6	Cluster algebras and triangulated orbifolds. <i>Advances in Mathematics</i> , 2012, 231, 2953-3002.	1.1	36
7	Generalized Bäcklund-Darboux transformations for Coxeter-Toda flows from a cluster algebra perspective. <i>Acta Mathematica</i> , 2011, 206, 245-310.	3.9	28
8	On the properties of the exchange graph of a cluster algebra. <i>Mathematical Research Letters</i> , 2008, 15, 321-330.	0.5	23
9	Poisson geometry of directed networks in a disk. <i>Selecta Mathematica, New Series</i> , 2009, 15, 61-103.	1.0	21
10	Integrable cluster dynamics of directed networks and pentagram maps. <i>Advances in Mathematics</i> , 2016, 300, 390-450.	1.1	20
11	Simply laced Coxeter groups and groups generated by symplectic transvections.. <i>Michigan Mathematical Journal</i> , 2000, 48, 531.	0.4	14
12	Drinfeld double of $GL_n$ and generalized cluster structures. <i>Proceedings of the London Mathematical Society</i> , 2018, 116, 429-484.	1.3	12
13	Higher pentagram maps, weighted directed networks, and cluster dynamics. <i>Electronic Research Announcements in Mathematical Sciences</i> , 2012, 19, 1-17.	0.6	11
14	Cremmer-Gervais cluster structure on $SL_n$ . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 9688-9695.	7.1	8
15	Generalized cluster structure on the Drinfeld double of $GL_n$ . <i>Comptes Rendus Mathématique</i> , 2016, 354, 345-349.	0.3	8
16	On eigenvalues of rectangular matrices. <i>Proceedings of the Steklov Institute of Mathematics</i> , 2009, 267, 248-255.	0.3	7
17	On moments of a polytope. <i>Analysis and Mathematical Physics</i> , 2018, 8, 255-287.	1.3	5
18	Upper cluster algebras and choice of ground ring. <i>Science China Mathematics</i> , 2019, 62, 1257-1266.	1.7	5

#	ARTICLE	IF	CITATIONS
19	Growth rate of cluster algebras. Proceedings of the London Mathematical Society, 2014, 109, 653-675.	1.3	4
20	Periodic Staircase Matrices and Generalized Cluster Structures. International Mathematics Research Notices, 2022, 2022, 4181-4221.	1.0	4
21	Log-Canonical Coordinates for Symplectic Groupoid and Cluster Algebras. International Mathematics Research Notices, 2023, 2023, 9565-9652.	1.0	4
22	Localization lifetime of a many-body system with periodic constructed disorder. Annalen Der Physik, 2017, 529, 1600366.	2.4	2
23	CLUSTER ALGEBRAS FROM SURFACES AND EXTENDED AFFINE WEYL GROUPS. Transformation Groups, 2021, 26, 501-535.	0.7	2
24	Secant Degeneracy Index of the Standard Strata in The Space of Binary Forms. Arnold Mathematical Journal, 2017, 3, 499-510.	0.4	1
25	Generalized cluster structures related to the Drinfeld double of $GL_n$ . Journal of the London Mathematical Society, 2022, 105, 1601-1633.	1.0	1
26	Correction to "Cluster algebras and Weil-Petersson forms". Duke Mathematical Journal, 2007, 139, .	1.5	0
27	Corrigendum to "On two conjectures concerning convex curves", by V. Sedykh and B. Shapiro. International Journal of Mathematics, 2022, 33, .	0.5	0