

Marko Stosic

List of Publications by Year in descending order

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48
papers

766
citations

567144

15
h-index

642610

23
g-index

48
all docs

48
docs citations

48
times ranked

333
citing authors

#	ARTICLE	IF	CITATIONS
1	Factorization for non-rigid and articulated structure using metric projections. , 2009, , .		96
2	Singular systems, state feedback problem. Linear Algebra and Its Applications, 2009, 431, 1267-1292.	0.4	63
3	Optimal Metric Projections for Deformable and Articulated Structure-from-Motion. International Journal of Computer Vision, 2012, 96, 252-276.	10.9	49
4	$sl(N)$ link homology ($N \geq 4$) using foams and the Kapustin-Li formula. Geometry and Topology, 2009, 13, 1075-1128.	0.5	41
5	Sequencing BPS spectra. Journal of High Energy Physics, 2016, 2016, 1.	1.6	38
6	3d analogs of Argyres-Douglas theories and knot homologies. Journal of High Energy Physics, 2013, 2013, 1.	1.6	36
7	BPS states, knots, and quivers. Physical Review D, 2017, 96, .	1.6	34
8	Quadruply-graded colored homology of knots. Fundamenta Mathematicae, 2018, 243, 209-299.	0.2	26
9	Extended graphical calculus for categorified quantum $sl(2)$. Memoirs of the American Mathematical Society, 2012, 219, 0-0.	0.5	25
10	Spectrally optimal factorization of incomplete matrices. , 2008, , .		23
11	Homological algebra of knots and BPS states. Geometry & Topology Monographs, 2013, , .	0.0	23
12	Homological thickness and stability of torus knots. Algebraic and Geometric Topology, 2007, 7, 261-284.	0.1	22
13	The 1,2-coloured HOMFLY-PT link homology. Transactions of the American Mathematical Society, 2011, 363, 2091-2091.	0.5	22
14	Subspace matching: Unique solution to point matching with geometric constraints. , 2009, , .		21
15	Khovanov homology of torus links. Topology and Its Applications, 2009, 156, 533-541.	0.2	21
16	A diagrammatic categorification of the q -Schur algebra. Quantum Topology, 2012, 4, 1-75.	0.4	19
17	An Angular Approach for Range-Based Approximate Maximum Likelihood Source Localization Through Convex Relaxation. IEEE Transactions on Wireless Communications, 2014, 13, 3951-3964.	6.1	19
18	Donaldson-Thomas invariants, torus knots, and lattice paths. Physical Review D, 2018, 98, .	1.6	18

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19	On Convexity of Polynomial Paths and Generalized Majorizations. <i>Electronic Journal of Combinatorics</i> , 2010, 17, .	0.2	18
20	Combinatorics of Column Minimal Indices and Matrix Pencil Completion Problems. <i>SIAM Journal on Matrix Analysis and Applications</i> , 2010, 31, 2318-2346.	0.7	15
21	Factorization for non-rigid and articulated structure using metric projections. , 2009, , .		15
22	The rank distance problem for pairs of matrices and a completion of quasi-regular matrix pencils. <i>Linear Algebra and Its Applications</i> , 2014, 457, 313-347.	0.4	11
23	Rational Links and DT Invariants of Quivers. <i>International Mathematics Research Notices</i> , 2021, 2021, 4169-4210.	0.5	11
24	Projection on the intersection of convex sets. <i>Linear Algebra and Its Applications</i> , 2016, 509, 191-205.	0.4	9
25	Rank One Perturbations of Matrix Pencils. <i>SIAM Journal on Matrix Analysis and Applications</i> , 2020, 41, 1889-1911.	0.7	9
26	The change of feedback invariants under one row perturbation. <i>Linear Algebra and Its Applications</i> , 2007, 422, 582-603.	0.4	8
27	CATEGORIFICATION OF THE DICHROMATIC POLYNOMIAL FOR GRAPHS. <i>Journal of Knot Theory and Its Ramifications</i> , 2008, 17, 31-45.	0.1	8
28	On minimizing a quadratic function on Stiefel manifold. <i>Linear Algebra and Its Applications</i> , 2015, 475, 251-264.	0.4	7
29	The General Matrix Pencil Completion Problem: A Minimal Case. <i>SIAM Journal on Matrix Analysis and Applications</i> , 2019, 40, 347-369.	0.7	7
30	Tangle addition and the knotsâ€”quivers correspondence. <i>Journal of the London Mathematical Society</i> , 2021, 104, 341-361.	0.5	7
31	On properties of the generalized majorization. <i>Electronic Journal of Linear Algebra</i> , 0, 26, .	0.6	7
32	Indecomposable objects and Lusztigâ€™s canonical basis. <i>Mathematical Research Letters</i> , 2015, 22, 245-278.	0.2	7
33	Convex solution of a permutation problem. <i>Linear Algebra and Its Applications</i> , 2011, 434, 361-369.	0.4	5
34	Branches, quivers, and ideals for knot complements. <i>Journal of Geometry and Physics</i> , 2022, , 104520.	0.7	5
35	On singular values of partially prescribed matrices. <i>Linear Algebra and Its Applications</i> , 2008, 429, 2136-2145.	0.4	4
36	PARASUPERSYMMETRIC QUANTUM MECHANICS OF ORDER THREE AND A GENERALIZED WITTEN INDEX. <i>Modern Physics Letters A</i> , 2005, 20, 1395-1407.	0.5	3

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37	Combinatorics of polynomial chains. <i>Linear Algebra and Its Applications</i> , 2020, 589, 130-157.	0.4	3
38	New categorifications of the chromatic and dichromatic polynomials for graphs. <i>Fundamenta Mathematicae</i> , 0, 190, 231-243.	0.2	3
39	Feedback invariants of series connected systems. <i>Linear Algebra and Its Applications</i> , 2019, 577, 244-269.	0.4	2
40	Globally optimal solution to exploit rigidity when recovering structure from motion under occlusion. , 2008, , .		1
41	2D-3D registration of deformable shapes with manifold projection Alessio Del Bue. , 2009, , .		1
42	ON CONJECTURES ABOUT POSITIVE BRAID KNOTS AND ALMOST ALTERNATING TORUS KNOTS. <i>Journal of Knot Theory and Its Ramifications</i> , 2010, 19, 1471-1486.	0.1	1
43	Explicit solution of the Carlson problem. <i>Linear Algebra and Its Applications</i> , 2012, 436, 190-201.	0.4	1
44	Unknotting and maximum unknotting numbers. <i>Journal of Knot Theory and Its Ramifications</i> , 2016, 25, 1641010.	0.1	1
45	On extended graphical calculus for categorified quantum $sl(n)$. <i>Journal of Pure and Applied Algebra</i> , 2019, 223, 691-712.	0.3	1
46	Slavik Jablan's last notes on the Chern-Simons invariants of knots. <i>Journal of Knot Theory and Its Ramifications</i> , 2016, 25, 1641016.	0.1	0
47	A new approach to square matrix completion problem. <i>Linear and Multilinear Algebra</i> , 2020, , 1-9.	0.5	0
48	Completion of matrix pencils with a single rank restriction. <i>Linear and Multilinear Algebra</i> , 0, , 1-22.	0.5	0