Sonja Petrovic

List of Publications by Year
in descending order

24	229	1307366	1058333
papers	citations	7	14
		h-index	g-index
26	26	26	124
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Algebraic Statistics, Tables, and Networks: The Fienberg Advantage. Springer Series in the Data Sciences, 2022, , 33-49.	0.1	1
2	Marginal Independence Models. , 2022, , .		0
3	Algebraic Statistics in Practice: Applications to Networks. Annual Review of Statistics and Its Application, 2020, 7, 227-250.	4.1	2
4	Random monomial ideals. Journal of Algebra, 2019, 519, 440-473.	0.4	8
5	Random Monomial Ideals: a Macaulay2 package. The Journal of Software ForAlgebra and Geometry: Macaulay2, 2019, 9, 65-70.	0.3	0
6	Hypergraph encodings of arbitrary toric ideals. Journal of Combinatorial Theory - Series A, 2019, 166, 11-41.	0.5	7
7	What is... a Markov Basis?. Notices of the American Mathematical Society, 2019, 66, 1.	0.1	3
8	Bouquet algebra of toric ideals. Journal of Algebra, 2018, 512, 493-525.	0.4	5
9	Goodness of fit for log-linear network models: dynamic Markov bases using hypergraphs. Annals of the Institute of Statistical Mathematics, 2017, 69, 673-704.	0.5	8
10	Statistical models for cores decomposition of an undirected random graph. Electronic Journal of Statistics, 2017, 11, .	0.4	6
11	Blow-up algebras, determinantal ideals, and Dedekind–Mertens-like formulas. Forum Mathematicum, 2017, 29, 799-830.	0.3	8
12	Discussion of "Coauthorship and citation networks for statisticians". Annals of Applied Statistics, 2016, 10, .	0.5	4
13	Random sampling in computational algebra: Helly numbers and violator spaces. Journal of Symbolic Computation, 2016, 77, 1-15.	0.5	3
14	Fibers of multi-way contingency tables given conditionals: relation to marginals, cell bounds and Markov bases. Annals of the Institute of Statistical Mathematics, 2015, 67, 621-648.	0.5	6
15	Toric algebra of hypergraphs. Journal of Algebraic Combinatorics, 2014, 39, 187-208.	0.4	13
16	Betti numbers of Stanley–Reisner rings determine hierarchical Markov degrees. Journal of Algebraic Combinatorics, 2013, 37, 667-682.	0.4	3
17	COMBINATORIAL DEGREE BOUND FOR TORIC IDEALS OF HYPERGRAPHS. International Journal of Algebra and Computation, 2013, 23, 1503-1520.	0.4	14
18	Maximum lilkelihood estimation in the η-model. Annals of Statistics, 2013, 41, .	1.4	62

#	Article	IF	Citations
19	Universal GrÃ¶bner Bases of Colored Partition Identities. Experimental Mathematics, 2012, 21, 395-401.	0.5	5
20	Maximum likelihood degree of variance component models. Electronic Journal of Statistics, 2012, 6, .	0.4	13
21	Identifiability of Two-Tree Mixtures for Group-Based Models. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2011, 8, 710-722.	1.9	28
22	On the Universal GrÃ¶bner bases of varieties of minimal degree. Mathematical Research Letters, 2008, 15, 1211-1221.	0.2	8
23	Toric Ideals of Phylogenetic Invariants for the General Group-Based Model on Claw Trees K 1,n. Lecture Notes in Computer Science, 2007, , 307-321.	1.0	5
24	DERGMs: Degeneracy-restricted exponential family random graph models. Network Science, 0, , 1-29.	0.8	0