Gregory Markowsky

List of Publications by Year
in descending order

42	171	1683934 5	1372474 10
papers	citations	h-index	g-index

45	45	45	69
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Existence, renormalization, and regularity properties of higher order derivatives of self-intersection local time of fractional Brownian motion. Stochastic Analysis and Applications, 2022, 40, 133-157.	0.9	4
2	Development of larvae of the Australian blowfly,Calliphora augur(Diptera: Calliphoridae), at constant temperatures. Australian Journal of Forensic Sciences, 2022, 54, 710-721.	0.7	4
3	On the probability of fast exits and long stays of a planar Brownian motion in simply connected domains. Journal of Mathematical Analysis and Applications, 2021, 493, 124454.	0.5	5
4	Remarks on results by MÃ¼ger and Tuset on the moments of polynomials. Indagationes Mathematicae, 2021, 32, 394-397.	0.2	0
5	Remarks on the speeds of a class of random walks on the integers. Discrete Mathematics, 2021, 344, 112436.	0.4	0
6	Kemenyâ€™s constant and the Kirchhoff index for the cluster of highly symmetric graphs. Applied Mathematics and Computation, 2021, 406, 126283.	1.4	4
7	Kemenyâ€™s constant and Kirchhoffian indices for conjoined highly symmetric graphs. Discrete Applied Mathematics, 2021, 302, 215-220.	0.5	0
8	A VARIANT OF CAUCHYâ€™S ARGUMENT PRINCIPLE FOR ANALYTIC FUNCTIONS WHICH APPLIES TO CURVES CONTAINING ZEROS. Bulletin of the Australian Mathematical Society, 2021, 103, 486-492.	0.3	0
9	A note on invariance of the Cauchy and related distributions. Statistics and Probability Letters, 2020, 158, 108668.	0.4	4
10	A new solution to the conformal Skorokhod embedding problem and applications to the Dirichlet eigenvalue problem. Journal of Mathematical Analysis and Applications, 2020, 491, 124351.	0.5	1
11	On the Cheeger constant for distance-regular graphs. Journal of Combinatorial Theory - Series A, 2020, 173, 105227.	0.5	3
12	On the nonexistence of pseudo-generalized quadrangles. European Journal of Combinatorics, 2020, 89, 103128.	0.5	0
13	On the equivalence of cylinder tilings and planar electric networks. Discrete Applied Mathematics, 2020, 283, 762-769.	0.5	0
14	Remarks on Grossâ€™ technique for obtaining a conformal Skorohod embedding of planar Brownian motion. Electronic Communications in Probability, 2020, 25, .	0.1	3
15	Maximizing the pth moment of the exit time of planar brownian motion from a given domain. Journal of Applied Probability, 2020, 57, 1135-1149.	0.4	2
16	p-conformal maps on the triangular lattice. Statistics and Probability Letters, 2019, 151, 42-48.	0.4	2
17	Evaluating the impact of different formats in the presentation of trauma evidence in court: a pilot study. Australian Journal of Forensic Sciences, 2019, 51, 695-704.	0.7	23
18	Symmetry in the Greenâ€™s Function for Birth-death Chains. Methodology and Computing in Applied Probability, 2019, 21, 841-851.	0.7	1

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19	A remark on the probabilistic solution of the Dirichlet problem for simply connected domains in the plane. Journal of Mathematical Analysis and Applications, 2018, 464, 1143-1146.	0.5	3
20	On the distribution of planar Brownian motion at stopping times. Annales Academiae Scientiarum Fennicae Mathematica, 2018, 43, 597-616.	0.7	5
21	On the planar Brownian Green's function for stopping times. Journal of Mathematical Analysis and Applications, 2017, 455, 1221-1233.	0.5	3
22	Sum rules for effective resistances in infinite graphs. Journal of Statistical Mechanics: Theory and Experiment, 2017, 2017, 043403.	0.9	0
23	A collection of results concerning electric resistance and simple random walk on distance-regular graphs. Discrete Mathematics, 2016, 339, 737-744.	0.4	5
24	Rotation numbers and symbolic dynamics. Annales Academiae Scientiarum Fennicae Mathematica, 2015, 40, 227-234.	0.7	2
25	HÃ¶lder Continuity and Occupation-Time Formulas for fBm Self-Intersection Local Time and Its Derivative. Journal of Theoretical Probability, 2015, 28, 299-312.	0.4	20
26	The exit time of planar Brownian motion and the PhragmÃ©nâ€“LindelÃ¶f principle. Journal of Mathematical Analysis and Applications, 2015, 422, 638-645.	0.5	5
27	A PROBABILISTIC PROOF OF THE OPEN MAPPING THEOREM FOR ANALYTIC FUNCTIONS. Bulletin of the Australian Mathematical Society, 2014, 90, 74-76.	0.3	0
28	On the Tanaka formula for the derivative of self-intersection local time of fractional Brownian motion. Stochastic Processes and Their Applications, 2014, 124, 3846-3868.	0.4	19
29	A method for deriving hypergeometric and related identities from theH2Hardy norm of conformal maps. Integral Transforms and Special Functions, 2013, 24, 302-313.	0.8	0
30	There are only finitely many distance-regular graphs with valency k at least three, fixed ratio <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mfrac><mml:msub><mml:mrow><mml:mi>k</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mr and large diameter. Journal of Combinatorial Theory Series B, 2013, 103, 733-741.	0.6	2
31	On electric resistances for distance-regular graphs. European Journal of Combinatorics, 2013, 34, 770-786.	0.5	14
32	Random walks at random times: Convergence to iterated LÃ©vy motion, fractional stable motions, and other self-similar processes. Annals of Probability, 2013, 41, .	0.8	1
33	A rigidity theorem for special families of rational functions. Annales Academiae Scientiarum Fennicae Mathematica, 2012, 37, 277-284.	0.7	0
34	BIRTHâ€“DEATH CHAINS AND THE LOCAL TIME OF BROWNIAN MOTION. Bulletin of the Australian Mathematical Society, 2012, 85, 497-504.	0.3	1
35	Pascal's Hexagon Theorem Implies the Butterfly Theorem. Mathematics Magazine, 2011, 84, 56-62.	0.1	0
36	A retelling of Newtonâ€™s work on Keplerâ€™s Laws. , 2011, 29, 253-282.		4

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37	Applying Brownian motion to the study of birthâ€“death chains. Statistics and Probability Letters, 2011, 81, 1173-1178.	0.4	2
38	On the expected exit time of planar Brownian motion from simply connected domains. Electronic Communications in Probability, 2011, 16, .	0.1	7
39	A Conjecture of Biggs Concerning the Resistance of a Distance-Regular Graph. Electronic Journal of Combinatorics, 2010, 17, .	0.2	3
40	Renormalization and convergence in law for the derivative of intersection local time in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si3.gif" display="inline" overflow="scroll"><mml:msup><mml:mrow><mml:mstyle mathvariant="bold"><mml:mi>R</mml:mi></mml:mstyle></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msup> Stochastic Processes and Their Applications, 2008, 118, 1552-1585.	0.4	9
41	The examination of human skeletal remains: findings from a quality assurance programme as part of professional development in Australia and New Zealand. Australian Journal of Forensic Sciences, 0, , 1-22.	0.7	0
42	A Collection of Results Relating the Geometry of Plane Domains and the Exit Time of Planar Brownian Motion. Computational Methods and Function Theory, 0, , .	0.8	0