Thierry E Huillet

List of Publications by Year
in descending order

105 papers	517 citations	840585 11 h-index	996849 15 g-index
106 all docs	106 docs citations	106 times ranked	305 citing authors

#	Article	IF	Citations
1	Revisiting John Lamperti's maximal branching process. Stochastics, 2022, 94, 277-310.	0.6	0
2	Asymptotic genealogies for a class of generalized Wrightâ€"Fisher models. Modern Stochastics: Theory and Applications, 2022, , 17-43.	0.2	3
3	Optimizing fog harvesting by biomimicry. Physical Review Fluids, 2022, 7, .	1.0	1
4	Shape of pendent droplets under a tilted surface. Physica D: Nonlinear Phenomena, 2021, 415, 132765.	1.3	11
5	Composite states of wetting. Physica A: Statistical Mechanics and Its Applications, 2021, 571, 125823.	1.2	1
6	Scaling Features of Two Special Markov Chains Involving Total Disasters. Journal of Statistical Physics, 2020, 178, 499-531.	0.5	3
7	Identities for droplets with circular footprint on tilted surfaces. Royal Society Open Science, 2020, 7, 201534.	1.1	2
8	On New Mechanisms Leading to Heavy-Tailed Distributions Related to the Ones Of Yule-Simon. Indian Journal of Pure and Applied Mathematics, 2020, 51, 321-344.	0.3	3
9	REGENERATIVE MUTATION PROCESSES RELATED TO THE SELFDECOMPOSABILITY OF SIBUYA DISTRIBUTIONS. Probability in the Engineering and Informational Sciences, 2019, 33, 291-325.	0.6	1
10	The height of the latest common ancestor of two randomly chosen leaves from a (sub-)critical Galtonâ€"Watson tree. Advances in Applied Mathematics, 2019, 106, 28-36.	0.4	0
11	On polymorphism for discrete evolutionary dynamics driven either by selection or segregation distortion. Computational and Applied Mathematics, 2018, 37, 1352-1368.	1.3	0
12	Stochastic species abundance models involving special copulas. Physica A: Statistical Mechanics and Its Applications, 2018, 490, 77-91.	1.2	5
13	On the genealogy and coalescence times of Bienaymé â€"Galtonâ€"Watson branching processes. Stochastic Models, 2018, 34, 1-24.	0.3	9
14	Large-deviation properties of the extended Moran model. Physical Review E, 2018, 98, .	0.8	1
15	Karlinâ€"McGregor Mutational Occupancy Problem Revisited. Journal of Statistical Physics, 2018, 171, 1136-1149.	0.5	1
16	Wrightâ€"Fisher-like models with constant population size on average. International Journal of Biomathematics, 2017, 10, 1750078.	1.5	2
17	Additional aspects of the generalized linear-fractional branching process. Annals of the Institute of Statistical Mathematics, 2017, 69, 1075-1097.	0.5	1
18	Pinning of a drop by a junction on an incline. Physical Review E, 2017, 96, 042804.	0.8	8

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19	On Bagchiâ€"Pal urn models and related PÃ³lyaâ€"Friedman ones. Journal of Statistical Mechanics: Theory and Experiment, 2017, 2017, 093211.	0.9	1
20	Contact angles of a drop pinned on an incline. Physical Review E, 2017, 95, 052805.	0.8	19
21	Random Evolutionary Dynamics Driven by Fitness and House-of-Cards Mutations: Sampling Formulae. Journal of Statistical Physics, 2017, 168, 15-42.	0.5	2
22	On simple age-structured population models. Applied Mathematical Modelling, 2017, 41, 68-82.	2.2	3
23	On a coalescence process and its branching genealogy. Journal of Applied Probability, 2016, 53, 1156-1165.	0.4	3
24	Random walk Green kernels in the neutral Moran model conditioned on survivors at a random time to origin. Mathematical Population Studies, 2016, 23, 164-200.	0.8	3
25	Some combinatorial aspects of discrete non-linear population dynamics. Chaos, Solitons and Fractals, 2016, 93, 71-79.	2.5	3
26	On discrete evolutionary dynamics driven by quadratic interactions. Theory in Biosciences, 2016, 135, 187-200.	0.6	0
27	On MÃ¶bius Duality and Coarse-Graining. Journal of Theoretical Probability, 2016, 29, 143-179.	0.4	3
28	Deterministic versus stochastic aspects of superexponential population growth models. Physica A: Statistical Mechanics and Its Applications, 2016, 455, 27-37.	1.2	1
29	On Mittag-Leffler distributions and related stochastic processes. Journal of Computational and Applied Mathematics, 2016, 296, 181-211.	1.1	20
30	Wetting in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si69.gif" display="inline" overflow="scroll"><mml:mn>1</mml:mn><mml:mo>+</mml:mo><mml:mn>1</mml:mn></mml:math> dimensions with two-scale roughness. Physica A: Statistical Mechanics and Its Applications, 2015, 438, 398-415.	1.2	7
31	On extreme events for non-spatial and spatial branching Brownian motions. Physica D: Nonlinear Phenomena, 2015, 298-299, 13-20.	1.3	2
32	Asymptotics of Symmetric Compound Poisson Population Models. Combinatorics Probability and Computing, 2015, 24, 216-253.	0.8	5
33	Wetting Transitions for a Random Line in Long-Range Potential. Journal of Statistical Physics, 2015, 160, 1545-1622.	0.5	3
34	Did the ever dead outnumber the living and when? A birth-and-death approach. Physica A: Statistical Mechanics and Its Applications, 2015, 419, 277-292.	1.2	3
35	Pareto genealogies arising from a Poisson branching evolution model with selection. Journal of Mathematical Biology, 2014, 68, 727-761.	0.8	12
36	Occupancy Distributions Arising in Sampling from Gibbs-Poisson Abundance Models. Journal of Statistical Physics, 2013, 153, 763-800.	0.5	1

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37	On the extended Moran model and its relation to coalescents with multiple collisions. Theoretical Population Biology, 2013, 87, 5-14.	0.5	30
38	Is superhydrophobicity robust with respect to disorder?. European Physical Journal E, 2013, 36, 104.	0.7	6
39	Fluctuations Analysis of Finite Discrete Birth and Death Chains with Emphasis on Moran Models with Mutations. , 2013, 2013, 1-21.		1
40	A Bose–Einstein approach to the random partitioning of an integer. Journal of Statistical Mechanics: Theory and Experiment, 2011, 2011, P08021.	0.9	1
41	Duality and intertwining for discrete Markov kernels: relations and examples. Advances in Applied Probability, 2011, 43, 437-460.	0.4	1
42	On a Markov chain model for population growth subject to rare catastrophic events. Physica A: Statistical Mechanics and Its Applications, 2011, 390, 4073-4086.	1.2	6
43	On the Karlin–Kimura approaches to the Wright–Fisher diffusion with fluctuating selection. Journal of Statistical Mechanics: Theory and Experiment, 2011, 2011, P02016.	0.9	5
44	Nonconservative Diffusions on with Killing and Branching: Applications to Wright-Fisher Models with or without Selection. International Journal of Stochastic Analysis, 2011, 2011, 1-37.	0.3	0
45	Metastable wetting. Journal of Statistical Mechanics: Theory and Experiment, 2011, 2011, P06013.	0.9	7
46	Population Genetics Models with Skewed Fertilities: A Forward and Backward Analysis. Stochastic Models, 2011, 27, 521-554.	0.3	24
47	Duality and intertwining for discrete Markov kernels: relations and examples. Advances in Applied Probability, 2011, 43, 437-460.	0.4	12
48	Discrete Evolutionary Genetics: Multiplicative Fitnesses and the Mutation-Fitness Balance. Applied Mathematics, 2011, 02, 11-22.	0.1	4
49	Random walk with long-range interaction with a barrier and its dual: Exact results. Journal of Computational and Applied Mathematics, 2010, 233, 2449-2467.	1.1	3
50	On Discrete-Time Multiallelic Evolutionary Dynamics Driven by Selection. Journal of Probability and Statistics, 2010, 2010, 1-27.	0.3	2
51	Siegmund duality with applications to the neutral Moran model conditioned on never being absorbed. Journal of Physics A: Mathematical and Theoretical, 2010, 43, 375001.	0.7	4
52	Duality and Asymptotics for a Class of Nonneutral Discrete Moran Models. Journal of Applied Probability, 2009, 46, 866-893.	0.4	6
53	A Duality Approach to the Genealogies of Discrete Nonneutral Wright-Fisher Models. Journal of Probability and Statistics, 2009, 2009, 1-22.	0.3	7
54	Reversing the drift of the Ehrenfest urn model and three conditionings. Journal of Physics A: Mathematical and Theoretical, 2009, 42, 345005.	0.7	2

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55	Random walks pertaining to a class of deterministic weighted graphs. Journal of Physics A: Mathematical and Theoretical, 2009, 42, 275001.	0.7	2
56	Information and (co)variances in discrete evolutionary genetics involving solely selection. Journal of Statistical Mechanics: Theory and Experiment, 2009, 2009, P09013.	0.9	1
57	Sampling from Dirichlet partitions: estimating the number of species. Environmetrics, 2009, 20, 853-876.	0.6	6
58	Random walk versus random line. Physica A: Statistical Mechanics and Its Applications, 2009, 388, 4034-4040.	1.2	4
59	Duality and Asymptotics for a Class of Nonneutral Discrete Moran Models. Journal of Applied Probability, 2009, 46, 866-893.	0.4	6
60	On the correlation structure of some random point processes on the line. Physica A: Statistical Mechanics and Its Applications, 2008, 387, 725-744.	1.2	8
61	Random Walk Weakly Attracted to a Wall. Journal of Statistical Physics, 2008, 133, 271-280.	0.5	10
62	On Pólya–Friedman random walks. Journal of Physics A: Mathematical and Theoretical, 2008, 41, 505005.	0.7	8
63	Occupancy statistics arising from weighted particle rearrangements. Journal of Physics A: Mathematical and Theoretical, 2007, 40, 9179-9200.	0.7	0
64	On Wright–Fisher diffusion and its relatives. Journal of Statistical Mechanics: Theory and Experiment, 2007, 2007, P11006-P11006.	0.9	17
65	Ewens sampling formulae with and without selection. Journal of Computational and Applied Mathematics, 2007, 206, 755-773.	1.1	5
66	Limiting search cost distribution for the move-to-front rule with random request probabilities. Operations Research Letters, 2006, 34, 557-563.	0.5	4
67	Correlations of a bound interface over a random substrate. European Physical Journal B, 2006, 54, 341-344.	0.6	1
68	A Necklace of Wulff Shapes. Journal of Statistical Physics, 2006, 123, 223-236.	0.5	2
69	Fragment size distributions in random fragmentations with cutoff. Statistics and Probability Letters, 2005, 71, 47-60.	0.4	2
70	Statistical aspects of random fragmentations. Journal of Computational and Applied Mathematics, 2005, 181, 364-387.	1.1	2
71	Estimations of the parameter of a Dirichlet distribution using residual allocation model representations and sampling properties. Statistical Methodology, 2005, 2, 95-110.	0.5	2
72	On a functional equation generalizing the class of semistable distributions. Annals of the Institute of Statistical Mathematics, 2005, 57, 817-831.	0.5	1

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73	Unordered and ordered sample from dirichlet distribution. Annals of the Institute of Statistical Mathematics, 2005, 57, 597-616.	0.5	3
74	SIZE-BIASED PERMUTATION OF DIRICHLET PARTITIONS AND SEARCH-COST DISTRIBUTION. Probability in the Engineering and Informational Sciences, 2005, 19, 83-97.	0.6	9
75	Sampling Formulae Arising from Random Dirichlet Populations. Communications in Statistics - Theory and Methods, 2005, 34, 1019-1040.	0.6	11
76	On a deposition process on the circle with disorder. Advances in Applied Probability, 2004, 36, 996-1020.	0.4	1
77	On Max-Multiscaling Distributions as Extended Max-Semistable Ones. Stochastic Models, 2004, 20, 493-512.	0.3	1
78	On random splitting of the interval. Statistics and Probability Letters, 2004, 66, 237-250.	0.4	1
79	On a deposition process on the circle with disorder. Advances in Applied Probability, 2004, 36, 996-1020.	0.4	2
80	Sampling from Finite Random Partitions. Methodology and Computing in Applied Probability, 2003, 5, 467-492.	0.7	11
81	Hard rods: statistics of parking configurations. Physica A: Statistical Mechanics and Its Applications, 2003, 324, 698-706.	1.2	6
82	Random covering of the circle: the configuration-space of the free deposition process. Journal of Physics A, 2003, 36, 12143-12155.	1.6	4
83	Sampling problems for randomly broken sticks. Journal of Physics A, 2003, 36, 3947-3960.	1.6	9
84	Random covering of the circle: the size of the connected components. Advances in Applied Probability, 2003, 35, 563-582.	0.4	9
85	Energy cascades as branching processes with emphasis on Neveu's approach to Derrida's random energy model. Advances in Applied Probability, 2003, 35, 477-503.	0.4	3
86	Random covering of the circle: the size of the connected components. Advances in Applied Probability, 2003, 35, 563-582.	0.4	5
87	Energy cascades as branching processes with emphasis on Neveu's approach to Derrida's random energy model. Advances in Applied Probability, 2003, 35, 477-503.	0.4	5
88	Renewal processes and the Hurst effect. Journal of Physics A, 2002, 35, 4395-4412.	1.6	6
89	ON THE WAITING TIME PARADOX AND RELATED TOPICS. Fractals, 2002, 10, 173-188.	1.8	5
90	On Lévy–Fréchet processes and related self-similar and semi-self-similar ones. Chaos, Solitons and Fractals, 2002, 14, 725-744.	2.5	0

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91	On rare and extreme events. Chaos, Solitons and Fractals, 2001, 12, 823-844.	2.5	12
92	ON CONTINUOUSLY-GENERATED SELF-SIMILAR MULTIFRACTALS. Fractals, 2001, 09, 129-147.	1.8	1
93	ON LÃ‰VY STABLE AND SEMISTABLE DISTRIBUTIONS. Fractals, 2001, 09, 347-364.	1.8	7
94	On Linnik's continuous-time random walks. Journal of Physics A, 2000, 33, 2631-2652.	1.6	18
95	Modelling extremal events using Gnedenko distributions. Journal of Physics A, 1999, 32, 1099-1113.	1.6	5
96	Fractional LÃ©vy motions and related processes. Journal of Physics A, 1999, 32, 7225-7248.	1.6	18
97	Statistics of aggregates. Journal of Mathematical Chemistry, 1998, 24, 187-221.	0.7	2
98	A combinatorial approach to branched polymersâ€™ statistics. Journal of Mathematical Chemistry, 1997, 21, 83-101.	0.7	0
99	Asymptotics of Simple Branching Populations. Journal De Physique, I, 1995, 5, 1179-1197.	1.2	1
100	Sur une procÃ©dure de branchement dÃ©terministe et ses dÃ©rivÃ©es alÃ©atoires. Journal of Applied Probability, 1994, 31, 333-347.	0.4	2
101	On a class of â€˜â€˜skewedâ€™â€™ selfâ€similar and hyperbolic fractals. Journal of Mathematical Physics, 1994, 35, 6511-6524.	0.5	1
102	Minimal realizations of the matrix transition lie group for bilinear control systems: Explicit results. Systems and Control Letters, 1987, 9, 267-274.	1.3	5
103	A soil-plant-water model with a case study in a forested catchment. Ecological Modelling, 1985, 27, 235-250.	1.2	5
104	Keeping random walks safe from extinction and overpopulation in the presence of life-taking disasters. Mathematical Population Studies, 0, , 1-30.	0.8	2
105	Chance Mechanisms Involving Sibuya Distribution and its Relatives. Sankhya B, 0, , .	0.4	1