

John John M Moriarty

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

603
citations

933447

10
h-index

642732

23
g-index

31
all docs

31
docs citations

31
times ranked

1229
citing authors

#	ARTICLE	IF	CITATIONS
1	Robust estimation of microbial diversity in theory and in practice. ISME Journal, 2013, 7, 1092-1101.	9.8	321
2	Stochastic control and real options valuation of thermal storage-enabled demand response from flexible district energy systems. Applied Energy, 2015, 137, 823-831.	10.1	62
3	Flexible investment under uncertainty in smart distribution networks with demand side response: Assessment framework and practical implementation. Energy Policy, 2016, 97, 439-449.	8.8	44
4	Nash equilibria of threshold type for two-player nonzero-sum games of stopping. Annals of Applied Probability, 2018, 28, .	1.3	19
5	Evolutionary inference for function-valued traits: Gaussian process regression on phylogenies. Journal of the Royal Society Interface, 2013, 10, 20120616.	3.4	18
6	Function-valued traits in evolution. Journal of the Royal Society Interface, 2013, 10, 20121032.	3.4	16
7	A Nonconvex Singular Stochastic Control Problem and its Related Optimal Stopping Boundaries. SIAM Journal on Control and Optimization, 2015, 53, 1199-1223.	2.1	16
8	Phylogenetic inference for function-valued traits: speech sound evolution. Trends in Ecology and Evolution, 2012, 27, 160-166.	8.7	15
9	The expected lifetime of an extraction project. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2011, 467, 244-263.	2.1	13
10	Real option valuation for reserve capacity. European Journal of Operational Research, 2017, 257, 251-260.	5.7	12
11	Bayesian calibration and number of jump components in electricity spot price models. Energy Economics, 2017, 65, 375-388.	12.1	11
12	A real options assessment of operational flexibility in district energy systems. , 2013, , .		7
13	Analysis of spike train data: A multivariate mixed effects model for phase and amplitude. Electronic Journal of Statistics, 2014, 8, .	0.7	7
14	Risk-Constrained Minimization of Combined Event Detection and Decision Time for Online Transient Stability Assessment. IEEE Transactions on Smart Grid, 2021, 12, 4564-4572.	9.0	7
15	Frequency violations from random disturbances: an MCMC approach. , 2018, , .		5
16	Bounds on the distribution of the number of gaps when circles and lines are covered by fragments: Theory and practical application to genomic and metagenomic projects. BMC Bioinformatics, 2007, 8, 70.	2.6	3
17	Energy management: flexibility, risk and optimization. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2017, 375, 20170052.	3.4	3
18	A Solvable Two-Dimensional Degenerate Singular Stochastic Control Problem with Nonconvex Costs. Mathematics of Operations Research, 2019, 44, 512-531.	1.3	3

#	ARTICLE	IF	CITATIONS
19	A rare-event study of frequency regulation and contingency services from grid-scale batteries. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2021, 379, 20190433.	3.4	3
20	Exit problems associated with affine reflection groups. Probability Theory and Related Fields, 2009, 145, 351-383.	1.8	2
21	Risk-sensitive optimal switching and applications to district energy systems. , 2014, , .		2
22	Application of sequential testing problem to online detection of transient stability status for power systems. , 2016, , .		2
23	Introduction: the mathematics of energy systems. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2021, 379, 20190425.	3.4	2
24	A Metropolis-class sampler for targets with non-convex support. Statistics and Computing, 2021, 31, 1.	1.5	2
25	Hopping between distant basins. Journal of Global Optimization, 2022, 84, 465-489.	1.8	2
26	Discrete-time risk-aware optimal switching with non-adapted costs. Advances in Applied Probability, 2022, 54, 625-655.	0.7	2
27	Procuring load curtailment from local customers under uncertainty. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2017, 375, 20160311.	3.4	1
28	Optimal entry to an irreversible investment plan with non convex costs. Mathematics and Financial Economics, 2017, 11, 423-454.	1.7	1
29	Imbalance Market Real Options and the Valuation of Storage in Future Energy Systems. Risks, 2019, 7, 39.	2.4	1
30	Reinforcing the role of competition platforms. Patterns, 2021, 2, 100326.	5.9	1
31	Bayesian Calibration and Number of Jump Components in Electricity Spot Price Models. SSRN Electronic Journal, 0, , .	0.4	0