Giovanni Pistone

List of Publications by Year
in descending order

21 papers	377 citations	1307594 7 h-index	839539 18 g-index
23 all docs	23 docs citations	23 times ranked	168 citing authors

#	Article	IF	Citations
1	An Infinite-Dimensional Geometric Structure on the Space of all the Probability Measures Equivalent to a Given One. Annals of Statistics, 1995, 23, 1543.	2.6	151
2	Classification of two-level factorial fractions. Journal of Statistical Planning and Inference, 2000, 87, 149-172.	0.6	78
3	Wasserstein Riemannian geometry of Gaussian densities. Information Geometry, 2018, 1, 137-179.	1.2	37
4	Examples of the Application of Nonparametric Information Geometry to Statistical Physics. Entropy, 2013, 15, 4042-4065.	2.2	22
5	Metaâ€models in Computer Experiments: Kriging versus Artificial Neural Networks. Quality and Reliability Engineering International, 2016, 32, 2055-2065.	2.3	15
6	Combinatorial Optimization with Information Geometry: The Newton Method. Entropy, 2014, 16, 4260-4289.	2.2	13
7	Kriging prediction from a circular grid: application to wafer diffusion. Applied Stochastic Models in Business and Industry, 2013, 29, 350-361.	1.5	12
8	The algebra of reversible Markov chains. Annals of the Institute of Statistical Mathematics, 2013, 65, 269-293.	0.8	8
9	Lagrangian Function on the Finite State Space Statistical Bundle. Entropy, 2018, 20, 139.	2.2	8
10	Natural Gradient Flow in the Mixture Geometry of a Discrete Exponential Family. Entropy, 2015, 17, 4215-4254.	2.2	5
11	Information Geometry of the Probability Simplex: A Short Course. Nonlinear Phenomena in Complex Systems, 2020, 23, 221-242.	0.3	5
12	Computing the Moments of the Complex Gaussian: Full and Sparse Covariance Matrix. Mathematics, 2019, 7, 263.	2.2	4
13	Inference on errors in industrial parts: Kriging andÂvariogram versus geometrical product specifications standard. Applied Stochastic Models in Business and Industry, 2021, 37, 839-858.	1.5	4
14	Analysis of the Covariance Structure in Manufactured Parts. Communications in Statistics - Theory and Methods, 2015, 44, 4540-4551.	1.0	3
15	Simulated variogram-based error inspection of manufactured parts. Statistical Papers, 2018, 59, 1411-1423.	1.2	3
16	Kantorovich distance on finite metric spaces: Arensâ€"Eells norm and CUT norms. Information Geometry, 0, , 1.	1.2	3
17	The algebra of interpolatory cubature formulÃ¦ for generic nodes. Statistics and Computing, 2014, 24, 615-632.	1.5	2
18	Finite space Kantorovich problem with an MCMC of table moves. Electronic Journal of Statistics, 2021, 15, .	0.7	2

#	Article	IF	Citations
19	Statistical Bundle of the Transport Model. Lecture Notes in Computer Science, 2021, , 752-759.	1.3	1
20	The empirical identity process: Asymptotics and applications. Canadian Journal of Statistics, 2018, 46, 656-672.	0.9	0
21	Modal operators and toric ideals. Journal of Logic and Computation, 2019, 29, 577-593.	0.8	0