

# Giovanni Pistone

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8541667/publications.pdf>

Version: 2024-02-01

21  
papers

377  
citations

1307366

7  
h-index

839398

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. <i>Annals of Statistics</i> , 1995, 23, 1543.                                 | 1.4 | 151       |
| 2  | Classification of two-level factorial fractions. <i>Journal of Statistical Planning and Inference</i> , 2000, 87, 149-172.  | 0.4 | 78        |
| 3  | Wasserstein Riemannian geometry of Gaussian densities. <i>Information Geometry</i> , 2018, 1, 137-179.  | 0.8 | 37        |
| 4  | Examples of the Application of Nonparametric Information Geometry to Statistical Physics. <i>Entropy</i> , 2013, 15, 4042-4065.   | 1.1 | 22        |
| 5  | Meta-models in Computer Experiments: Kriging versus Artificial Neural Networks. <i>Quality and Reliability Engineering International</i> , 2016, 32, 2055-2065.                                   | 1.4 | 15        |
| 6  | Combinatorial Optimization with Information Geometry: The Newton Method. <i>Entropy</i> , 2014, 16, 4260-4289.  | 1.1 | 13        |
| 7  | Kriging prediction from a circular grid: application to wafer diffusion. <i>Applied Stochastic Models in Business and Industry</i> , 2013, 29, 350-361.   | 0.9 | 12        |
| 8  | The algebra of reversible Markov chains. <i>Annals of the Institute of Statistical Mathematics</i> , 2013, 65, 269-293.   | 0.5 | 8         |
| 9  | Lagrangian Function on the Finite State Space Statistical Bundle. <i>Entropy</i> , 2018, 20, 139.   | 1.1 | 8         |
| 10 | Natural Gradient Flow in the Mixture Geometry of a Discrete Exponential Family. <i>Entropy</i> , 2015, 17, 4215-4254.   | 1.1 | 5         |
| 11 | Information Geometry of the Probability Simplex: A Short Course. <i>Nonlinear Phenomena in Complex Systems</i> , 2020, 23, 221-242.   | 0.1 | 5         |
| 12 | Computing the Moments of the Complex Gaussian: Full and Sparse Covariance Matrix. <i>Mathematics</i> , 2019, 7, 263.  | 1.1 | 4         |
| 13 | Inference on errors in industrial parts: Kriging and Variogram versus geometrical product specifications standard. <i>Applied Stochastic Models in Business and Industry</i> , 2021, 37, 839-858. | 0.9 | 4         |
| 14 | Analysis of the Covariance Structure in Manufactured Parts. <i>Communications in Statistics - Theory and Methods</i> , 2015, 44, 4540-4551.   | 0.6 | 3         |
| 15 | Simulated variogram-based error inspection of manufactured parts. <i>Statistical Papers</i> , 2018, 59, 1411-1423.  | 0.7 | 3         |
| 16 | Kantorovich distance on finite metric spaces: Arens norm and CUT norms. <i>Information Geometry</i> , 0, , 1.   | 0.8 | 3         |
| 17 | The algebra of interpolatory cubature formulae for generic nodes. <i>Statistics and Computing</i> , 2014, 24, 615-632.  | 0.8 | 2         |
| 18 | Finite space Kantorovich problem with an MCMC of table moves. <i>Electronic Journal of Statistics</i> , 2021, 15, .   | 0.4 | 2         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Statistical Bundle of the Transport Model. Lecture Notes in Computer Science, 2021, , 752-759.                   | 1.0 | 1         |
| 20 | The empirical identity process: Asymptotics and applications. Canadian Journal of Statistics, 2018, 46, 656-672. | 0.6 | 0         |
| 21 | Modal operators and toric ideals. Journal of Logic and Computation, 2019, 29, 577-593.                           | 0.5 | 0         |