Francky Fouedjio

List of Publications by Year
in descending order

20 papers	285 citations	1162889 8 h-index	940416 16 g-index
21 all docs	21 docs citations	21 times ranked	291 citing authors

#	Article	IF	Citations
1	Conditional simulation of categorical spatial variables using Gibbs sampling of a truncated multivariate normal distribution subject to linear inequality constraints. Stochastic Environmental Research and Risk Assessment, 2021, 35, 457-480.	1.9	7
2	A geostatistical implicit modeling framework for uncertainty quantification of 3D geo-domain boundaries: Application to lithological domains from a porphyry copper deposit. Computers and Geosciences, 2021, 157, 104931.	2.0	10
3	Stationarity. Encyclopedia of Earth Sciences Series, 2021, , 1-5.	0.1	0
4	Random forest for spatial prediction of censored response variables. Artificial Intelligence in Geosciences, 2021, 2, 115-127.	0.9	2
5	Classification random forest with exact conditioning for spatial prediction of categorical variables. Artificial Intelligence in Geosciences, 2021, 2, 82-95.	0.9	2
6	Clustering of multivariate geostatistical data. Wiley Interdisciplinary Reviews: Computational Statistics, 2020, 12, e1510.	2.1	8
7	Exact Conditioning of Regression Random Forest for Spatial Prediction. Artificial Intelligence in Geosciences, 2020, 1, 11-23.	0.9	8
8	Exploring prediction uncertainty of spatial data in geostatistical and machine learning approaches. Environmental Earth Sciences, 2019, 78, 1.	1.3	32
9	Geostatistical clustering as an aid for ore body domaining: case study at the Rocklea Dome channel iron ore deposit, Western Australia. Applied Earth Science: Transactions of the Institute of Mining and Metallurgy, 2018, 127, 15-29.	0.6	21
10	A fully non-stationary linear coregionalization model for multivariate random fields. Stochastic Environmental Research and Risk Assessment, 2018, 32, 1699-1721.	1.9	5
11	Second-order non-stationary modeling approaches for univariate geostatistical data. Stochastic Environmental Research and Risk Assessment, 2017, 31, 1887-1906.	1.9	27
12	A spectral clustering approach for multivariate geostatistical data. International Journal of Data Science and Analytics, 2017, 4, 301-312.	2.4	13
13	A Spectral Clustering Method for Large-Scale Geostatistical Datasets. Lecture Notes in Computer Science, 2017, , 248-261.	1.0	5
14	A Clustering Approach for Discovering Intrinsic Clusters in Multivariate Geostatistical Data. Lecture Notes in Computer Science, 2016, , 491-500.	1.0	7
15	Predictive Geological Mapping Using Closed-Form Non-stationary Covariance Functions with Locally Varying Anisotropy: Case Study at El Teniente Mine (Chile). Natural Resources Research, 2016, 25, 431-443.	2.2	7
16	A hierarchical clustering method for multivariate geostatistical data. Spatial Statistics, 2016, 18, 333-351.	0.9	55
17	Space Deformation Non-stationary Geostatistical Approach for Prediction of Geological Objects: Case Study at El Teniente Mine (Chile). Natural Resources Research, 2016, 25, 283-296.	2.2	7
18	A generalized convolution model and estimation for non-stationary random functions. Spatial Statistics, 2016, 16, 35-52.	0.9	28

#	Article	IF	Citations
19	Discovering Spatially Contiguous Clusters in Multivariate Geostatistical Data Through Spectral Clustering. Lecture Notes in Computer Science, 2016, , 547-557.	1.0	6
20	Estimation of space deformation model for non-stationary random functions. Spatial Statistics, 2015, 13, 45-61.	0.9	35