

Farhad Pourkamali-Anaraki

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

332
citations

1040056

9
h-index

1125743

13
g-index

19
all docs

19
docs citations

19
times ranked

277
citing authors

#	ARTICLE	IF	CITATIONS
1	Support vector machine based reliability analysis of concrete dams. <i>Soil Dynamics and Earthquake Engineering</i> , 2018, 104, 276-295.	3.8	98
2	Simplified reliability analysis of multi hazard risk in gravity dams via machine learning techniques. <i>Archives of Civil and Mechanical Engineering</i> , 2018, 18, 592-610.	3.8	49
3	Preconditioned Data Sparsification for Big Data with Applications to PCA and K-means. <i>IEEE Transactions on Information Theory</i> , 2017, , 1-1.	2.4	35
4	Efficient Solvers for Sparse Subspace Clustering. <i>Signal Processing</i> , 2020, 172, 107548.	3.7	22
5	Kernel Matrix Approximation on Class-Imbalanced Data With an Application to Scientific Simulation. <i>IEEE Access</i> , 2021, , 1-1.	4.2	20
6	Improved fixed-rank Nyström approximation via QR decomposition: Practical and theoretical aspects. <i>Neurocomputing</i> , 2019, 363, 261-272.	5.9	19
7	An Empirical Evaluation of the t-SNE Algorithm for Data Visualization in Structural Engineering. , 2021, , .		17
8	Estimation of the sample covariance matrix from compressive measurements. <i>IET Signal Processing</i> , 2016, 10, 1089-1095.	1.5	13
9	A Unified NMPC Scheme for MAVs Navigation With 3D Collision Avoidance Under Position Uncertainty. <i>IEEE Robotics and Automation Letters</i> , 2020, 5, 5740-5747.	5.1	12
10	Matrix completion for cost reduction in finite element simulations under hybrid uncertainties. <i>Applied Mathematical Modelling</i> , 2019, 69, 164-180.	4.2	11
11	Scalable Spectral Clustering With Nyström Approximation: Practical and Theoretical Aspects. <i>IEEE Open Journal of Signal Processing</i> , 2020, 1, 242-256.	3.5	8
12	Neural Networks and Imbalanced Learning for Data-Driven Scientific Computing With Uncertainties. <i>IEEE Access</i> , 2021, 9, 15334-15350.	4.2	8
13	Efficient dictionary learning via very sparse random projections. , 2015, , .		7
14	Structural uncertainty quantification with partial information. <i>Expert Systems With Applications</i> , 2022, 198, 116736.	7.6	5
15	Large-Scale Sparse Subspace Clustering Using Landmarks. , 2019, , .		3
16	Adaptive Data Compression for Classification Problems. <i>IEEE Access</i> , 2021, 9, 157654-157669.	4.2	3
17	Kernel Ridge Regression Using Importance Sampling with Application to Seismic Response Prediction. , 2020, , .		2
18	Unsupervised Learning for Subterranean Junction Recognition Based on 2D Point Cloud. , 2020, , .		0

#	ARTICLE	IF	CITATIONS
19	Towards Robust and Efficient Plane Detection from 3D Point Cloud. , 2021, , .		0