Feng Yin

List of Publications by Year
in descending order

29 papers	**859** citations	687363 **13** h-index	794594 **19** g-index
29 all docs	**29** docs citations	**29** times ranked	**557** citing authors

#	ARTICLE	IF	CITATIONS
1	Wireless Traffic Prediction With Scalable Gaussian Process: Framework, Algorithms, and Verification. IEEE Journal on Selected Areas in Communications, 2019, 37, 1291-1306.	14.0	142
2	FedLoc: Federated Learning Framework for Data-Driven Cooperative Localization and Location Data Processing. IEEE Open Journal of Signal Processing, 2020, 1, 187-215.	3.5	121
3	TOA-Based Robust Wireless Geolocation and CramÃ©r-Rao Lower Bound Analysis in Harsh LOS/NLOS Environments. IEEE Transactions on Signal Processing, 2013, 61, 2243-2255.	5.3	101
4	Cooperative Localization in WSNs Using Gaussian Mixture Modeling: Distributed ECM Algorithms. IEEE Transactions on Signal Processing, 2015, 63, 1448-1463.	5.3	60
5	Received-Signal-Strength Threshold Optimization Using Gaussian Processes. IEEE Transactions on Signal Processing, 2017, 65, 2164-2177.	5.3	55
6	EM- and JMAP-ML Based Joint Estimation Algorithms for Robust Wireless Geolocation in Mixed LOS/NLOS Environments. IEEE Transactions on Signal Processing, 2014, 62, 168-182.	5.3	50
7	Privacy-Preserving Aggregation for Federated Learning-Based Navigation in Vehicular Fog. IEEE Transactions on Industrial Informatics, 2021, 17, 8453-8463.	11.3	50
8	Distributed Recursive Gaussian Processes for RSS Map Applied to Target Tracking. IEEE Journal on Selected Topics in Signal Processing, 2017, 11, 492-503.	10.8	40
9	Blockchain-Based Privacy-Preserving Driver Monitoring for MaaS in the Vehicular IoT. IEEE Transactions on Vehicular Technology, 2021, 70, 3788-3799.	6.3	39
10	Bayesian Cooperative Localization Using Received Signal Strength With Unknown Path Loss Exponent: Message Passing Approaches. IEEE Transactions on Signal Processing, 2020, 68, 1120-1135.	5.3	30
11	Linear Multiple Low-Rank Kernel Based Stationary Gaussian Processes Regression for Time Series. IEEE Transactions on Signal Processing, 2020, 68, 5260-5275.	5.3	22
12	Distributed Gaussian Processes Hyperparameter Optimization for Big Data Using Proximal ADMM. IEEE Signal Processing Letters, 2019, 26, 1197-1201.	3.6	19
13	Graph Neural Network for Large-Scale Network Localization. , 2021, , .		19
14	Privacy-Preserving Continuous Data Collection for Predictive Maintenance in Vehicular Fog-Cloud. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 5060-5070.	8.0	18
15	CramÃ©râ€"Rao Bounds for Filtering Based on Gaussian Process State-Space Models. IEEE Transactions on Signal Processing, 2019, 67, 5936-5951.	5.3	14
16	Collaborating Ray Tracing and AI Model for AUV-Assisted 3-D Underwater Sound-Speed Inversion. IEEE Journal of Oceanic Engineering, 2021, 46, 1372-1390.	3.8	14
17	Sequential Monte Carlo Methods and Theoretical Bounds for Proximity Report Based Indoor Positioning. IEEE Transactions on Vehicular Technology, 2018, 67, 5372-5386.	6.3	13
18	Exploiting Sparsity of Ranging Biases for NLOS Mitigation. IEEE Transactions on Signal Processing, 2021, 69, 3782-3795.	5.3	12

#	ARTICLE	IF	CITATIONS
19	Sparse Structure Enabled Grid Spectral Mixture Kernel for Temporal Gaussian Process Regression. , 2018, , .		8
20	Efficient cooperative localization algorithm in LOS/NLOS environments. , 2015, , .		7
21	Fundamental Bounds on Position Estimation Using Proximity Reports. , 2016, , .		5
22	Achieving Efficient and Secure Handover in LEO Constellation-Assisted Beyond 5G Networks. IEEE Open Journal of the Communications Society, 2022, 3, 641-653.	6.9	5
23	Recursive Implementation of Gaussian Process Regression for Spatial-Temporal Data Modeling. , 2019, , .		4
24	Learning While Tracking: A Practical System Based on Variational Gaussian Process State-Space Model and Smartphone Sensory Data. , 2020, , .		3
25	Exploiting Sparsity for Robust Sensor Network Localization in Mixed LOS/NLOS Environments. , 2020, , .		3
26	Achieving Blockchain-based Privacy-Preserving Location Proofs under Federated Learning. , 2021, , .		3
27	Vehicle Location Algorithm Based on Federated Learning and Smart Phone in GNSS Low Sampling Rate Scene. Journal of Physics: Conference Series, 2021, 2066, 012052.	0.4	1
28	Multitask Gaussian Process With Hierarchical Latent Interactions. , 2022, , .		1
29	Efficient Recursive Implementation of Spatial-Temporal Gaussian Process Regression. , 2020, , .		0