Muhammad Emzir

List of Publications by Year
in descending order

16 papers	143 citations	1478505 6 h-index	1281871 11 g-index
16 all docs	16 docs citations	16 times ranked	141 citing authors

#	Article	IF	Citations
1	Deep state-space Gaussian processes. Statistics and Computing, 2021, 31, 1.	1.5	7
2	Non-stationary multi-layered Gaussian priors for Bayesian inversion. Inverse Problems, 2021, 37, 015002.	2.0	4
3	Convergence to pure steady states of linear quantum systems. Journal of Physics A: Mathematical and Theoretical, 2020, 53, 055301.	2.1	0
4	Enhancing industrial X-ray tomography by data-centric statistical methods. Data-Centric Engineering, 2020, 1, .	2.3	5
5	Multispectral photon-counting for medical imaging and beam characterization. Journal of Instrumentation, 2020, 15, C02024-C02024.	1.2	3
6	Convergence to Pure Steady States of Linear Quantum Systems. , 2019, , .		0
7	Hilbert-Space Reduced-Rank Methods For Deep Gaussian Processes. , 2019, , .		3
8	Filtering for a Class of Quantum Systems With Classical Stochastic Disturbances. IEEE Transactions on Control Systems Technology, 2019, 27, 2774-2780.	5.2	8
9	On physical realizability of nonlinear quantum stochastic differential equations. Automatica, 2018, 95, 254-265.	5.0	4
10	A quantum extended Kalman filter. Journal of Physics A: Mathematical and Theoretical, 2017, 50, 225301.	2.1	16
11	Lyapunov stability analysis for invariant states of quantum systems. , 2017, , .		2
12	Quartz-superconductor quantum electromechanical system. Physical Review B, 2016, 93, .	3.2	9
13	Quantum filtering for multiple diffusive and Poissonian measurements. Journal of Physics A: Mathematical and Theoretical, 2015, 48, 385302.	2.1	11
14	Unknown-input estimator-based controller design of electric power-assisted steering system. IET Control Theory and Applications, 2012, 6, 2485-2492.	2.1	4
15	PCH-Based ℓ_2 Disturbance Attenuation and Control of Autonomous Underwater Vehicle. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 192-197.	0.4	0
16	State estimation with asynchronous multi-rate multi-smart sensors. Information Sciences, 2012, 196, 15-27.	6.9	67