

# Muhammad Emzir

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3283838/publications.pdf>

Version: 2024-02-01

16  
papers

143  
citations

1478505

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h-index

1281871

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g-index

16  
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16  
docs citations

16  
times ranked

141  
citing authors

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