

# Azeem Sarwar

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

235  
citations

1684188

5  
h-index

1372567

10  
g-index

17  
all docs

17  
docs citations

17  
times ranked

348  
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards Control of Magnetic Fluids in Patients: Directing Therapeutic Nanoparticles to Disease Locations. IEEE Control Systems, 2012, 32, 32-74.	0.8	81
2	Optimal Halbach permanent magnet designs for maximally pulling and pushing nanoparticles. Journal of Magnetism and Magnetic Materials, 2012, 324, 742-754.	2.3	80
3	Magnetic Injection of Nanoparticles Into Rat Inner Ears at a Human Head Working Distance. IEEE Transactions on Magnetics, 2013, 49, 440-452.	2.1	32
4	Modeling and Distributed Control of an Electrostatically Actuated Microcantilever Array. Proceedings of the American Control Conference, 2007, , .	0.0	11
5	Stability of slowly varying spatiotemporal systems. , 2008, , .		5
6	Non-invasive image-guided brain access with gradient propulsion of magnetic nanoparticles. , 2012, , .		5
7	On $L_1$ stability and performance of spatiotemporally varying systems. International Journal of Robust and Nonlinear Control, 2011, 21, 957-973.	3.7	4
8	Identification of spatiotemporally invariant systems for control adaptation. Automatica, 2012, 48, 2079-2092.	5.0	3
9	Automated Fluorescence and Reflectance Coregistered 3-D Tissue Imaging System. IEEE Transactions on Magnetics, 2013, 49, 279-284.	2.1	3
10	On $L_1$ and $L_2$ robustness of spatially invariant systems. International Journal of Robust and Nonlinear Control, 2010, 20, 607-622.	3.7	2
11	System identification of spatiotemporally invariant systems. , 2010, , .		1
12	Indirect adaptive control of spatially invariant systems. , 2010, , .		1
13	Adaptive Control of Spatially Invariant Systems: A Slowly Varying Approach. IEEE Transactions on Automatic Control, 2014, 59, 1635-1639.	5.7	1
14	Conditions for $L_1$ and $L_2$ system robustness for spatially invariant systems. , 2007, , .		0
15	$L_1$ to $L_2$ performance of slowly varying spatiotemporal systems. , 2009, , .		0
16	Delivery of therapy to the inner ear via magnetic nanoparticles. , 2014, , .		0