

Iman Soltani Bozchalooi

List of Publications by Year in descending order

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13
papers

898
citations

933447

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1199594

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13
docs citations

13
times ranked

1009
citing authors

#	ARTICLE	IF	CITATIONS
1	Memory-Augmented Generative Adversarial Networks for Anomaly Detection. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 2324-2334.	11.3	7
2	Design and control of multi-actuated atomic force microscope for large-range and high-speed imaging. Ultramicroscopy, 2016, 160, 213-224.	1.9	31
3	Multi-eigenmode control for high material contrast in bimodal and higher harmonic atomic force microscopy. Nanotechnology, 2015, 26, 235706.	2.6	18
4	Aggrecan Nanoscale Solidâ€“Fluid Interactions Are a Primary Determinant of Cartilage Dynamic Mechanical Properties. ACS Nano, 2015, 9, 2614-2625.	14.6	61
5	Estimator based multi-eigenmode control of cantilevers in multifrequency Atomic Force Microscopy. , 2015, , .		3
6	Multi-actuation and PI control: A simple recipe for high-speed and large-range atomic force microscopy. Ultramicroscopy, 2014, 146, 117-124.	1.9	20
7	Development of a stability-indicating high performance liquid chromatography method for assay of erythromycin ethylsuccinate in powder for oral suspension dosage form. Arabian Journal of Chemistry, 2014, 7, 1079-1085.	4.9	6
8	High-Bandwidth AFM-Based Rheology Reveals that Cartilage is Most Sensitive to High Loading Rates at Early Stages of Impairment. Biophysical Journal, 2013, 104, 1529-1537.	0.5	90
9	Compensator design for improved counterbalancing in high speed atomic force microscopy. Review of Scientific Instruments, 2011, 82, 113712.	1.3	23
10	An energy operator approach to joint application of amplitude and frequency-demodulations for bearing fault detection. Mechanical Systems and Signal Processing, 2010, 24, 1473-1494.	8.0	155
11	A joint resonance frequency estimation and in-band noise reduction method for enhancing the detectability of bearing fault signals. Mechanical Systems and Signal Processing, 2008, 22, 915-933.	8.0	108
12	A smoothness index-guided approach to wavelet parameter selection in signal de-noising and fault detection. Journal of Sound and Vibration, 2007, 308, 246-267.	3.9	193
13	Performance comparison of neural network training algorithms in modeling of bimodal drug delivery. International Journal of Pharmaceutics, 2006, 327, 126-138.	5.2	183