

Mahdiyeh Mehran

List of Publications by Year in descending order

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8
papers

71
citations

1937685

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1720034

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8
docs citations

8
times ranked

94
citing authors

#	ARTICLE	IF	CITATIONS
1	Analytical Investigation and Systematic Design Approach for High-Sensitivity Guided Mode Resonance Sensors With Graphene-Enabled Tunability. IEEE Sensors Journal, 2022, 22, 14177-14184.	4.7	9
2	Novel liquidâ€based linear capacitive inclination microâ€sensor with totally 360Â° dynamic range. IET Circuits, Devices and Systems, 2019, 13, 630-636.	1.4	1
3	Design and Construction of Electronic Nose for Multi-purpose Applications by Sensor Array Arrangement Using IBGSA. Journal of Intelligent and Robotic Systems: Theory and Applications, 2018, 92, 205-221.	3.4	13
4	Design, Analysis, Simulation, and Fabrication of a Novel Linear MEMS Capacitive Inclinator. IEEE Sensors Journal, 2018, 18, 6962-6968.	4.7	3
5	Design and development of aluminum nanoring arrays for realization of dual-mode operation plasmonic color filters. Journal of the Optical Society of America B: Optical Physics, 2018, 35, 1764.	2.1	16
6	Dual mode operation, highly selective nanohole array-based plasmonic colour filters. Nanotechnology, 2017, 28, 385203.	2.6	25
7	Low frequency interdigital capacitive sensor using deep reactive ion etching and bulk micromachining of silicon. , 2010, , .		1
8	A tapered partitioning method for “delay energy product” optimization in global interconnects. Midwest Symposium on Circuits and Systems, 2007, , .	1.0	3