

Arye Rosen

List of Publications by Year in descending order

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15
papers

341
citations

1163117

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15
docs citations

15
times ranked

278
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of Implantable Antennas for Intracranial Pressure Monitoring: Reflection by and Transmission Through a Scalp Phantom. IEEE Transactions on Microwave Theory and Techniques, 2008, 56, 2366-2376.	4.6	125
2	<i>In-Vitro</i> and <i>In-Vivo</i> Trans-Scalp Evaluation of an Intracranial Pressure Implant at 2.4 GHz. IEEE Transactions on Microwave Theory and Techniques, 2008, 56, 2356-2365.	4.6	71
3	Dynamic Evaluation of a Digital Wireless Intracranial Pressure Sensor for the Assessment of Traumatic Brain Injury in a Swine Model. IEEE Transactions on Microwave Theory and Techniques, 2013, 61, 316-325.	4.6	38
4	Too Much Pressure: Wireless Intracranial Pressure Monitoring and Its Application in Traumatic Brain Injuries. IEEE Microwave Magazine, 2015, 16, 39-53.	0.8	27
5	Telemetric Intracranial Pressure Monitoring in Blast-Induced Traumatic Brain Injury. IEEE Transactions on Biomedical Engineering, 2014, 61, 841-847.	4.2	17
6	Considerations for the Design and Placement of Implantable Annular Slot Antennas for Intracranial Pressure Monitoring Devices. IEEE Antennas and Wireless Propagation Letters, 2015, 14, 1514-1517.	4.0	16
7	Microwave thermal balloon angioplasty in the normal rabbit. American Heart Journal, 1992, 123, 1516-1521.	2.7	12
8	Microwave thermal balloon angioplasty in the atherosclerotic rabbit. American Heart Journal, 1994, 127, 198-203.	2.7	12
9	Microwaves Treat Heart Disease. IEEE Microwave Magazine, 2007, 8, 70-75.	0.8	8
10	The Role of Engineering Principles in the Medical Utilization of Electromagnetic Energies from kHz to Visible Light - Examples. Journal of Infrared, Millimeter, and Terahertz Waves, 2009, 30, 1374.	2.2	5
11	Implantable wireless devices for the monitoring of intracranial pressure. , 2012, , .		4
12	Issues in Wireless Intracranial Pressure Monitoring at Microwave Frequencies. Progress in Electromagnetics Research Symposium: [proceedings] Progress in Electromagnetics Research Symposium, 2007, 3, 927-931.	0.4	4
13	Microwave Applications in Medicine in the U.S.A. - a Short Overview. , 1991, , .		2
14	Direct De-Ionized Water-Cooled Semiconductor Laser Package for Photodynamic Therapy of Esophageal Carcinoma: Design and Analysis. Journal of Electronic Packaging, Transactions of the ASME, 2009, 131, .	1.8	0
15	Novel microwave techniques for non-invasive intracranial pressure monitoring following traumatic brain injury. , 2014, , .		0