

Usmah Kawoos

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

539
citations

840776

11
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

527
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	Advances in Intracranial Pressure Monitoring and Its Significance in Managing Traumatic Brain Injury. International Journal of Molecular Sciences, 2015, 16, 28979-28997.	4.1	105
3	<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
4	Effects of Exposure to Blast Overpressure on Intracranial Pressure and Blood-Brain Barrier Permeability in a Rat Model. PLoS ONE, 2016, 11, e0167510.	2.5	47
5	Too Much Pressure: Wireless Intracranial Pressure Monitoring and Its Application in Traumatic Brain Injuries. IEEE Microwave Magazine, 2015, 16, 39-53.	0.8	27
6	Low-level blast exposure induces chronic vascular remodeling, perivascular astrocytic degeneration and vascular-associated neuroinflammation. Acta Neuropathologica Communications, 2021, 9, 167.	5.2	21
7	Protective Effect of N-Acetylcysteine Amide on Blast-Induced Increase in Intracranial Pressure in Rats. Frontiers in Neurology, 2017, 8, 219.	2.4	20
8	Progressive Cognitive and Post-Traumatic Stress Disorder-Related Behavioral Traits in Rats Exposed to Repetitive Low-Level Blast. Journal of Neurotrauma, 2021, 38, 2030-2045.	3.4	19
9	Exposure to Blast Overpressure Impairs Cerebral Microvascular Responses and Alters Vascular and Astrocytic Structure. Journal of Neurotrauma, 2019, 36, 3138-3157.	3.4	18
10	Blast-induced temporal alterations in bloodâ€“brain barrier properties in a rodent model. Scientific Reports, 2021, 11, 5906.	3.3	18
11	Telemetric Intracranial Pressure Monitoring in Blast-Induced Traumatic Brain Injury. IEEE Transactions on Biomedical Engineering, 2014, 61, 841-847.	4.2	17
12	Protection against Blast-Induced Traumatic Brain Injury by Increase in Brain Volume. BioMed Research International, 2017, 2017, 1-10.	1.9	12
13	N-acetylcysteine Amide Ameliorates Blast-Induced Changes in Blood-Brain Barrier Integrity in Rats. Frontiers in Neurology, 2019, 10, 650.	2.4	11
14	Repetitive Low-Level Blast Exposure Improves Behavioral Deficits and Chronically Lowers AÎ²42 in an Alzheimer Disease Transgenic Mouse Model. Journal of Neurotrauma, 2021, 38, 3146-3173.	3.4	11
15	Laterality and region-specific tau phosphorylation correlate with PTSD-related behavioral traits in rats exposed to repetitive low-level blast. Acta Neuropathologica Communications, 2021, 9, 33.	5.2	7
16	Implantable wireless devices for the monitoring of intracranial pressure. , 2012, , .		4
17	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
18	Transcranial Laser Therapy Does Not Improve Cognitive and Post-Traumatic Stress Disorderâ€“Related Behavioral Traits in Rats Exposed to Repetitive Low-Level Blast Injury. Neurotrauma Reports, 2021, 2, 548-563.	1.4	2