

Vigyanshu Mishra

List of Publications by Year in descending order

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papers

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17
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44
citing authors

#	ARTICLE	IF	CITATIONS
1	Wrap-Around Wearable Coils for Seamless Monitoring of Joint Flexion. IEEE Transactions on Biomedical Engineering, 2019, 66, 2753-2760.	4.2	22
2	Wearable Electrically Small Loop Antennas for Monitoring Joint Flexion and Rotation. IEEE Transactions on Antennas and Propagation, 2020, 68, 134-141.	5.1	16
3	Wearable Magnetoinductive Waveguide for Low-Loss Wireless Body Area Networks. IEEE Transactions on Antennas and Propagation, 2021, 69, 2864-2876.	5.1	11
4	Wearable Planar Magnetoinductive Waveguide: A Low-Loss Approach to WBANs. IEEE Transactions on Antennas and Propagation, 2021, 69, 7278-7289.	5.1	11
5	Electromagnetic Components Realized on Conductive Wires: A Copper vs. E-Thread Comparison. , 2019, , .		9
6	Modeling Fabric Movement for Future E-Textile Sensors. Sensors, 2020, 20, 3735.	3.8	4
7	In Vivo Monitoring of Dog's Knee Flexion Using Wearable Wrap-Around Coils. , 2020, , .		4
8	Unwanted RF Energy Coupling During Electrocautery: An In-Vitro Tonsillectomy Study. , 2018, , .		2
9	Unintentional RF Energy Transfer During Tonsillectomy: An In Vitro Investigation. IEEE Journal of Electromagnetics, RF and Microwaves in Medicine and Biology, 2019, 3, 165-170.	3.4	1
10	Wearable Electrically Small Loop Antennas for Monitoring Joint Kinematics: Guidelines for Optimal Frequency Selection. , 2020, , .		1
11	Wearable Loop Sensor for Unambiguous and High-Resolution Joint Kinematics Monitoring. IEEE Journal of Electromagnetics, RF and Microwaves in Medicine and Biology, 2022, 6, 532-538.	3.4	1
12	Multi-Utility Wearable Sensors for Motion Capture and Tissue Imaging. , 2022, , .		1
13	Artifacts of Capturing Unintentional RF Energy Transfer During In Vitro Tonsillectomy. , 2021, , .		0
14	Wearable Radio Frequency Loop Sensors for Monitoring Joint Kinematics. , 2021, , .		0
15	Wearable Planar Magnetoinductive Waveguide WBANs: Bending Around Anatomical Curvatures. , 2021, , .		0
16	An Indirect Method for an Alternate Perspective to Dispersion Diagrams of Magnetoinductive Waveguides. IEEE Open Journal of Antennas and Propagation, 2022, 3, 495-501.	3.7	0