

Bappaditya Mandal

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2918351/publications.pdf>

Version: 2024-02-01

29
papers

220
citations

1307594

7
h-index

1474206

9
g-index

29
all docs

29
docs citations

29
times ranked

199
citing authors

#	ARTICLE	IF	CITATIONS
1	Preliminary Analysis of Burn Degree Using Non-invasive Microwave Spiral Resonator Sensor for Clinical Applications. <i>Frontiers in Medical Technology</i> , 2022, 4, 859498.	2.5	3
2	Muscle Analyzer System: Exploring Correlation Between Novel Microwave Resonator and Ultrasound-based Tissue Information in the Thigh. , 2022, , .		2
3	End-to-End Transmission of Physiological Data from Implanted Devices to a Cloud-Enabled Aggregator Using Fat Intra-Body Communication in a Live Porcine Model. , 2022, , .		3
4	Design of Metamaterial Based Efficient Wireless Power Transfer System Utilizing Antenna Topology for Wearable Devices. <i>Sensors</i> , 2021, 21, 3448.	3.8	14
5	MAS: Standalone Microwave Resonator to Assess Muscle Quality. <i>Sensors</i> , 2021, 21, 5485.	3.8	12
6	Enabling Offline Tuning of Fat Channel Communication. , 2021, , .		1
7	Wireless Power Transfer System Design in Reactive Near-Field for Implantable Devices. , 2020, , .		2
8	A Low Profile Button Antenna with Back Radiation Reduced By FSS. , 2020, , .		1
9	Clustering of Dielectric and Colour Profiles of an Ex-vivo Burnt Human Skin Sample. , 2020, , .		4
10	Low Profile Implantable Antenna for Fat Intra-Body Communication. , 2020, , .		1
11	Implantable antenna gain enhancement using liquid metal-based reflector. <i>Applied Physics A: Materials Science and Processing</i> , 2020, 126, 1.	2.3	2
12	Design of constant width branch line directional coupler for the microwave sensing application. , 2020, , .		3
13	Gain enhancement technique for wearable patch antenna using grounded metamaterial. <i>IET Microwaves, Antennas and Propagation</i> , 2020, 14, 2045-2052.	1.4	14
14	Time Reversal Microwave Imaging of Realistic Numerical Head Phantom for Bone Flap Healing Follow-up. , 2020, , .		2
15	Antenna Based RF Techniques for Intrabody Communication. , 2020, , .		2
16	Towards secure backscatter-based in-body sensor networks. , 2020, , .		0
17	Jamming to Support Privacy-preserving Continuous Tumour Relapse Monitoring Using In-body Radio Signals. , 2020, , .		0
18	Harmes Paris logo shaped wearable antenna for multiband applications. , 2016, , .		9

#	ARTICLE	IF	CITATIONS
19	A FSS based corner reflector for performance enhancement of a ribcage dipole antenna. , 2015, , .		6
20	A dual-layer reflective Frequency Selective Surface for wideband applications. , 2015, , .		3
21	Acrylic substrate based low profile wearable button antenna with FSS layer for WLAN and Wi-Fi applications. Microwave and Optical Technology Letters, 2015, 57, 1033-1038.	1.4	19
22	Wearable tri-band SIW based antenna on leather substrate. Electronics Letters, 2015, 51, 1563-1564.	1.0	44
23	A miniaturized wearable button antenna for Wi-Fi and Wi-Max application using transparent acrylic sheet as substrate. Microwave and Optical Technology Letters, 2015, 57, 45-49.	1.4	22
24	A wearable button antenna with FSS superstrate for WLAN health care applications. , 2014, , .		19
25	MUTUAL COUPLING REDUCTION OF A DUAL-FREQUENCY MICROSTRIP ANTENNA ARRAY BY USING U-SHAPED DGS AND INVERTED U-SHAPED MICROSTRIP RESONATOR. Progress in Electromagnetics Research C, 2014, 48, 61-68.	0.9	21
26	Design of printed body wearable textile antenna for broadband application. , 2013, , .		8
27	Coplanar waveguide fed wide band modified rectangular slot antenna for UWB applications. , 2013, , .		0
28	Reduction of cross-polarization radiation of E-shaped microstrip antenna array using spiral-ring resonator. , 2012, , .		0
29	Omni-directional printed antenna array for MIMO application. , 2012, , .		3