Yeng Seng Lee

List of Publications by Year
in descending order

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65	342	840776 11	996975 15
papers	citations	h-index	g-index

71	71	71	301
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	EMI shielding based on MWCNTs/polyester composites. Applied Physics A: Materials Science and Processing, 2018, 124, 1.	2.3	32
2	EXPERIMENTAL DETERMINATION OF THE PERFORMANCE OF RICE HUSK-CARBON NANOTUBE COMPOSITES FOR ABSORBING MICROWAVE SIGNALS IN THE FREQUENCY RANGE OF 12.4-18 GHZ. Progress in Electromagnetics Research, 2013, 140, 795-812.	4.4	23
3	From classical to deep learning: review on cartilage and bone segmentation techniques in knee osteoarthritis research. Artificial Intelligence Review, 2021, 54, 2445-2494.	15.7	21
4	Design of multiple-layer microwave absorbing structure based on rice husk and carbon nanotubes. Applied Physics A: Materials Science and Processing, 2017, 123, 1.	2.3	20
5	A Review of Reconfigurable Frequency Switching Technique on Micostrip Antenna. Journal of Physics: Conference Series, 2018, 1019, 012042.	0.4	16
6	DIELECTRIC MEASUREMENTS FOR LOW-LOSS MATERIALS USING TRANSMISSION PHASE-SHIFT METHOD. Jurnal Teknologi (Sciences and Engineering), 2015, 77, .	0.4	15
7	A triangular <scp>MIMO</scp> array antenna with a double negative metamaterial superstrate to enhance bandwidth and gain. International Journal of RF and Microwave Computer-Aided Engineering, 2020, 30, e22320.	1.2	15
8	Electromagnetic Wave Absorption Properties of Novel Green Composites Coconut Fiber Coir and Charcoal Powder over X-band Frequency for Electromagnetic Wave Absorbing Applications. Advanced Electromagnetics, 2018, 7, 13-18.	1.0	15
9	Composites Based on Rice Husk Ash/Polyester for Use as Microwave Absorber. Lecture Notes in Electrical Engineering, 2015, , 41-48.	0.4	13
10	Dual-band circularly polarized textile antenna with split-ring slot for off-body 4G LTE and WLAN applications. Applied Physics A: Materials Science and Processing, 2018, 124, 1.	2.3	13
11	Enhanced microwave absorption of rice huskâ€based pyramidal microwave absorber with different lossy base layer. IET Microwaves, Antennas and Propagation, 2020, 14, 215-222.	1.4	13
12	Effect of different substrate materials on a wearable textile monopole antenna. , 2012, , .		11
13	A Study of the Anechoic Performance of Rice Husk-Based, Geometrically Tapered, Hollow Absorbers. International Journal of Antennas and Propagation, 2014, 2014, 1-9.	1.2	11
14	Performance of Sugarcane Bagasse and Rubber Tire Dust Microwave Absorber in Ku Band Frequency. Lecture Notes in Electrical Engineering, 2015, , 207-214.	0.4	10
15	Design of Ground Penetrating Radar antenna for buried object detection. , 2013, , .		9
16	Analysis of Dielectric Properties On Agricultural Waste for Microwave Communication Application. MATEC Web of Conferences, 2017, 140, 01013.	0.2	9
17	Monitoring Moisture Content for Various Kind of Tea Leaves in Drying Processes Using RF Reflectometer-Sensor System. Instruments, 2018, 2, 18.	1.8	8
18	Dielectric spectroscopy of pharmaceutical drug (Paracetamol) dosage in water. , 2013, , .		6

#	Article	IF	Citations
19	A SIMPLE TECHNIQUE FOR IMPROVING THE ANECHOIC PERFORMANCE OF A PYRAMIDAL ABSORBER. Progress in Electromagnetics Research M, 2013, 32, 129-143.	0.9	6
20	S-band five-port ring reflectometer-probe system for in vitro breast tumor detection. International Journal of RF and Microwave Computer-Aided Engineering, 2018, 28, e21198.	1.2	6
21	Anechoic characteristics of a metal backed anechoic agro-waste for EMC applications. , 2013, , .		5
22	ENHANCED FIVE-PORT RING CIRCUIT REFLECTOMETER FOR SYNTHETIC BREAST TISSUE DIELECTRIC DETERMINATION. Progress in Electromagnetics Research C, 2016, 69, 83-95.	0.9	5
23	Study of single layer microwave absorber based on rice husk Ash/CNTs composites. Indonesian Journal of Electrical Engineering and Computer Science, 2019, 14, 929.	0.8	5
24	Frequency selective surface for enhance WLAN applications. , 2012, , .		4
25	Unifying the seeds auto-generation (SAGE) with knee cartilage segmentation framework: data from the osteoarthritis initiative. International Journal of Computer Assisted Radiology and Surgery, 2019, 14, 755-762.	2.8	4
26	Design Chipless Textile Tag for RFID Application. Journal of Physics: Conference Series, 2019, 1339, 012028.	0.4	4
27	A Review of Oil Palm Fruit Ripeness Monitoring Using Microwave Techniques in Malaysia. IOP Conference Series: Materials Science and Engineering, 2020, 767, 012007.	0.6	4
28	Green Nanocomposite-Based Metamaterial Electromagnetic Absorbers: Potential, Current Developments and Future Perspectives. IEEE Access, 2020, 8, 33289-33304.	4.2	4
29	On the Miniaturization High Permittivity DRA with Array Patches. , 2013, , .		3
30	Potential of Nanocellulose Composite for Electromagnetic Shielding. MATEC Web of Conferences, 2017, 140, 01034.	0.2	3
31	An experimental thickness of microwave absorber effect absorption in Ku-band frequency. , 2013, , .		2
32	Difference loss tangent layer microwave absorber effect absorption in X-band frequency. , 2013, , .		2
33	Numerical simulation on development of a SAW based biosensor. AIP Conference Proceedings, 2016, , .	0.4	2
34	Electromagnetic Properties Performance of MWCNTs/Polyester Composites in X-band. MATEC Web of Conferences, 2018, 150, 06014.	0.2	2
35	Numerical Investigation of a Chip Printed Antenna Performances for Wireless Implantable Body Area Network Applications. IOP Conference Series: Materials Science and Engineering, 2018, 318, 012047.	0.6	2
36	Ultrathin Metamaterial Microwave Absorber Using Coconut Coir Fibre over X-Band Frequency Range. , 2019, , .		2

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37	Hierarchical Knee Image Synthesis Framework for Generative Adversarial Network: Data From the Osteoarthritis Initiative. IEEE Access, 2022, 10, 55051-55061.	4.2	2
38	Switchable beam antenna. , 2013, , .		1
39	Investigate FSS structure effect on WIFI signal. , 2013, , .		1
40	Determination of Dielectric Properties of Bismuth Titanate (BiT) Ceramic Material for WiMAX/WLAN Antenna. Applied Mechanics and Materials, 0, 699, 401-404.	0.2	1
41	Improved rice husk ash microwave absorber with CNTs. , 2015, , .		1
42	Side lobe suppression of Vivaldi antenna using shorting pin structure. , 2016, , .		1
43	Dielectric spectroscopy technique for carbohydrate characterization of fragrant rice, brown rice and white rice. , 2017, , .		1
44	Enhancement on dielectric properties of dried banana leaves with sand composites for dielectric resonator antenna. , 2017, , .		1
45	Dielectric Properties Measurement and pH Analysis for Drinking Water. IOP Conference Series: Materials Science and Engineering, 2020, 864, 012162.	0.6	1
46	Miniaturized and high gain RFID reader antenna at 13.56MHz. IOP Conference Series: Materials Science and Engineering, 2020, 767, 012060.	0.6	1
47	Dielectric properties measurement and pH analysis for drinking water. AIP Conference Proceedings, 2021, , .	0.4	1
48	Computer-Aided Design and Applications of Planar Branch-Line Coupler Circuits. Advances in Computer and Electrical Engineering Book Series, 2020, , 1-63.	0.3	1
49	Home Service Robot Based on Image Recognition System. Lecture Notes in Electrical Engineering, 2022, , 357-371.	0.4	1
50	Fabrication of a CMOS-compatible surface acoustic wave device for application in pathogen sensing. , 2014, , .		0
51	In-House Development of Shear Horizontal Acoustic Waves Based Sensitive Sensors for Bacterial Pathogens Detection. Advanced Materials Research, 0, 1109, 309-313.	0.3	0
52	Study on Dielectric and Magnetic Properties of MWCNTs/Polyester Composites. Applied Mechanics and Materials, 2015, 815, 188-192.	0.2	0
53	Multiple bands of Antenna Design Based on Slits Configuration. , 2018, , .		0
54	Antennas for Sensing Applications. , 2021, , .		0

#	Article	IF	Citations
55	Beam Controller Antenna for WiMAX Application. Advanced Science Letters, 2017, 23, 5130-5132.	0.2	0
56	SAR Evaluation of Metallic Loop-like Accessory Effect of Broadband Wearable Planar Monopole Textile Antenna. Advanced Electromagnetics, 2018, 7, 17-22.	1.0	0
57	A coarse-to-fine copy-move image forgery detection method based on discrete cosine transform. Indonesian Journal of Electrical Engineering and Computer Science, 2019, 14, 843.	0.8	0
58	Local mean based adaptive thresholding to classify the cartilage and background superpixels. Indonesian Journal of Electrical Engineering and Computer Science, 2019, 15, 211.	0.8	0
59	Analysis of wave propagation for wireless implantable body area network application. Indonesian Journal of Electrical Engineering and Computer Science, 2019, 15, 936.	0.8	0
60	Geological Effect on GPR System Due to Soil Properties in Malaysia. International Journal of Integrated Engineering, 2019, 11, .	0.4	0
61	Miniaturized Two-Section Branch-Line Coupler Using Open-Stub Slow-Wave Structure. Lecture Notes in Networks and Systems, 2020, , 67-72.	0.7	0
62	Microwave Complex-Ratio-Measuring Circuits. Advances in Computer and Electrical Engineering Book Series, 2020, , 87-122.	0.3	0
63	Flexible RFID Tag Antenna Design. Lecture Notes in Networks and Systems, 2020, , 59-65.	0.7	0
64	A Review of Agricultural Product Characterization Using Microwave Sensor. Lecture Notes in Electrical Engineering, 2022, , 435-443.	0.4	0
65	RF/Microwave Instruments Evolution. Advances in Computer and Electrical Engineering Book Series, 2022, , 183-231.	0.3	0