

Kim-Yee Lee

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

144
citations

1478505

6
h-index

1281871

11
g-index

25
all docs

25
docs citations

25
times ranked

194
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Regression Analysis of the Dielectric and Morphological Properties for Porous Nanohydroxyapatite/Starch Composites: A Correlative Study. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5695. | 4.1 | 0 |
| 2 | Dielectric Properties of Hydrothermally Modified Potato, Corn, and Rice Starch. <i>Agriculture (Switzerland)</i> , 2022, 12, 783. | 3.1 | 5 |
| 3 | Determination of density and compressive strength of lightweight foamed concrete using frequency domain approach. <i>Microwave and Optical Technology Letters</i> , 2021, 63, 2153-2159. | 1.4 | 0 |
| 4 | Miniature Dipolar Patch Antenna with Nonresonating Ring for Metal-Insensitive UHF RFID Tag Design. <i>IEEE Transactions on Antennas and Propagation</i> , 2020, 68, 2393-2398. | 5.1 | 13 |
| 5 | Compact organic liquid dielectric resonator antenna for air pressure sensing using soft material. <i>Scientific Reports</i> , 2020, 10, 14907. | 3.3 | 18 |
| 6 | Inverted Patch with an Inductive Loop-Shaped Feeder for On-Metal Tag Design. , 2020, , . | | 2 |
| 7 | Microwave Complex-Ratio-Measuring Circuits. <i>Advances in Computer and Electrical Engineering Book Series</i> , 2020, , 87-122. | 0.3 | 0 |
| 8 | Frequency spectrum analysis of lightweight foamed concrete using microwave dielectric measurement technique. <i>Microwave and Optical Technology Letters</i> , 2019, 61, 818-824. | 1.4 | 4 |
| 9 | Development of Microwave Reflectometer for Glucose Content Measurements. , 2019, , . | | 2 |
| 10 | Patch-Loaded Semicircular Dipolar Antenna for Metal-Mountable UHF RFID Tag Design. <i>IEEE Transactions on Antennas and Propagation</i> , 2019, 67, 4330-4338. | 5.1 | 13 |
| 11 | Complementary Planar Inverted-F Antennas (PIFAs) for On-Metal RFID Tag Design. , 2019, , . | | 2 |
| 12 | Compact Folded Patch with Stretchable PDMS Substrate for On-Body RFID Applications. , 2019, , . | | 2 |
| 13 | Dielectric Measurement using Planar and Curved Microstrip Line. , 2019, , . | | 1 |
| 14 | S-band five-port ring reflectometer-probe system for <i>in vitro</i> breast tumor detection. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2018, 28, e21198. | 1.2 | 6 |
| 15 | Ultra-wideband and Off-optimised Five-Port Reflectometer using Power Splitters. , 2018, , . | | 0 |
| 16 | Miniature PIFA-like Patch Antenna for UHF RFID Tag Design. , 2018, , . | | 1 |
| 17 | Monitoring Moisture Content for Various Kind of Tea Leaves in Drying Processes Using RF Reflectometer-Sensor System. <i>Instruments</i> , 2018, 2, 18. | 1.8 | 8 |
| 18 | Compact Z-Slotted Patch Antenna for UHF Metal-Mountable Tag. , 2018, , . | | 2 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Dielectric spectroscopy technique for carbohydrate characterization of fragrant rice, brown rice and white rice. , 2017, , . | | 1 |
| 20 | Characterization and modeling of curvature sensor for microwave measurements. , 2017, , . | | 2 |
| 21 | Improved Path Loss Simulation Incorporating Three-Dimensional Terrain Model Using Parallel Coprocessors. Wireless Communications and Mobile Computing, 2017, 2017, 1-11. | 1.2 | 3 |
| 22 | Study of Dual Open Ended Coaxial Sensor System for Calculation of Phase Using Two Magnitudes. IEEE Sensors Journal, 2014, 14, 129-134. | 4.7 | 9 |
| 23 | Comparative Study Between Measurement and Predictions Using Geometrical Optics and Uniform Theory of Diffraction for Case of Non-Line-of-Sight (NLOS) in Indoor Environment. Wireless Personal Communications, 2013, 71, 2197-2213. | 2.7 | 2 |
| 24 | Targeting CCL21â€œfolic acidâ€œupconversion nanoparticles conjugates to folate receptor-1± expressing tumor cells in an endothelial-tumor cell bilayer model. Biomaterials, 2013, 34, 4860-4871. | 11.4 | 47 |