Mohan V Jacob

List of Publications by Year
in descending order

148 papers	4,065 citations	147801 31 h-index	138484 58 g-index
151 all docs	151 docs citations	151 times ranked	4896 citing authors

#	Article	IF	Citations
1	Review on the Antimicrobial Properties of Carbon Nanostructures. Materials, 2017, 10, 1066.	2.9	325
2	Plasma-assisted surface modification of organic biopolymers to prevent bacterial attachment. Acta Biomaterialia, 2011, 7, 2015-2028.	8.3	254
3	Implantable Devices: Issues and Challenges. Electronics (Switzerland), 2013, 2, 1-34.	3.1	239
4	Efficient surface modification of biomaterial to prevent biofilm formation and the attachment of microorganisms. Applied Microbiology and Biotechnology, 2012, 95, 299-311.	3.6	198
5	Materials and methods for encapsulation of OPV: A review. Renewable and Sustainable Energy Reviews, 2013, 27, 104-117.	16.4	173
6	Anti-bacterial surfaces: natural agents, mechanisms of action, and plasma surface modification. RSC Advances, 2015, 5, 48739-48759.	3.6	172
7	Sustainable Life Cycles of Natural-Precursor-Derived Nanocarbons. Chemical Reviews, 2016, 116, 163-214.	47.7	163
8	Catalyst-Free Plasma Enhanced Growth of Graphene from Sustainable Sources. Nano Letters, 2015, 15, 5702-5708.	9.1	124
9	A critical review on silver nanoparticles: From synthesis and applications to its mitigation through low-cost adsorption by biochar. Journal of Environmental Management, 2021, 281, 111918.	7.8	107
10	Isotherms, kinetics and mechanism analysis of phosphorus recovery from aqueous solution by calcium-rich biochar produced from biosolids via microwave pyrolysis. Journal of Environmental Chemical Engineering, 2018, 6, 395-403.	6.7	76
11	A planar UWB antenna with signal rejection capability in the 4-6 GHz band. IEEE Microwave and Wireless Components Letters, 2006, 16, 278-280.	3.2	66
12	Biochar produced from biosolids using a single-mode microwave: Characterisation and its potential for phosphorus removal. Journal of Environmental Management, 2017, 196, 119-126.	7.8	64
13	Plasma-Enhanced Synthesis of Bioactive Polymeric Coatings from Monoterpene Alcohols: A Combined Experimental and Theoretical Study. Biomacromolecules, 2010, 11, 2016-2026.	5.4	63
14	Microwave pyrolysis of sewage biosolids: Dielectric properties, microwave susceptor role and its impact on biochar properties. Journal of Analytical and Applied Pyrolysis, 2018, 129, 93-100.	5.5	63
15	The Effect of Polyterpenol Thin Film Surfaces on Bacterial Viability and Adhesion. Polymers, 2011, 3, 388-404.	4.5	62
16	Synthesis of radio frequency plasma polymerized non-synthetic Terpinen-4-ol thin films. Materials Letters, 2009, 63, 1594-1597.	2.6	58
17	Fabrication of a novel organic polymer thin film. Thin Solid Films, 2008, 516, 3884-3887.	1.8	50
18	Silver removal from aqueous solution by biochar produced from biosolids via microwave pyrolysis. Journal of Environmental Management, 2017, 203, 264-272.	7.8	47

#	Article	IF	Citations
19	Plasma polymerised thin films for flexible electronic applications. Thin Solid Films, 2013, 546, 167-170.	1.8	46
20	Fiber preparation and mechanical properties of recycled polypropylene for reinforcing concrete. Journal of Applied Polymer Science, 2015, 132, .	2.6	44
21	Functional nanomaterials, synergisms, and biomimicry for environmentally benign marine antifouling technology. Materials Horizons, 2021, 8, 3201-3238.	12.2	44
22	Effects of Iodine Doping on Optoelectronic and Chemical Properties of Polyterpenol Thin Films. Nanomaterials, 2017, 7, 11.	4.1	42
23	Post-deposition ageing reactions of plasma derived polyterpenol thin films. Polymer Degradation and Stability, 2010, 95, 1123-1128.	5.8	40
24	Simplified method for measurements and calculations of coupling coefficients and Q/sub 0/ factor of high-temperature superconducting dielectric resonators. IEEE Transactions on Microwave Theory and Techniques, 2001, 49, 2401-2407.	4.6	39
25	Microwave dielectric properties and vibrational spectroscopic analysis of MgTe₂O₅ ceramics. Journal of Materials Research, 2008, 23, 1551-1556.	2.6	38
26	Optical and chemical properties of polyterpenol thin films deposited via plasma-enhanced chemical vapor deposition. Journal of Materials Research, 2011, 26, 1018-1025.	2.6	38
27	Optical and Surface Characterization of Radio Frequency Plasma Polymerized 1-Isopropyl-4-Methyl-1,4-Cyclohexadiene Thin Films. Electronics (Switzerland), 2014, 3, 266-281.	3.1	38
28	Investigation of interfacial charging and discharging in double-layer pentacene-based metal-insulator-metal device with polyterpenol blocking layer using electric field induced second harmonic generation. Chemical Physics Letters, 2011, 503, 105-111.	2.6	34
29	Electron-blocking hole-transport polyterpenol thin films. Chemical Physics Letters, 2012, 528, 26-28.	2.6	34
30	Fabrication and characterization of polyterpenol as an insulating layer and incorporated organic field effect transistor. Thin Solid Films, 2010, 518, 6123-6129.	1.8	33
31	Non-destructive complex permittivity measurement of low permittivity thin film materials. Measurement Science and Technology, 2007, 18, 2869-2877.	2.6	32
32	Organic Semiconductors: Past, Present and Future. Electronics (Switzerland), 2014, 3, 594-597.	3.1	32
33	Retention of Antibacterial Activity in Geranium Plasma Polymer Thin Films. Nanomaterials, 2017, 7, 270.	4.1	32
34	The effect of dopants on the microwave dielectric properties of Ba(Mg0.33Ta0.67)O3 ceramics. Journal of Applied Physics, 2005, 98, 094114.	2.5	31
35	Microwave properties of low-loss polymers at cryogenic temperatures. IEEE Transactions on Microwave Theory and Techniques, 2002, 50, 474-480.	4.6	30
36	Effect of RF power on the optical and morphological properties of RF plasma polymerised linalyl acetate thin films. Applied Surface Science, 2010, 256, 3293-3298.	6.1	30

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37	Resistive switching in graphene-organic device: Charge transport properties of graphene-organic device through electric field induced optical second harmonic generation and charge modulation spectroscopy. Carbon, 2017, 112, 111-116.	10.3	30
38	Eco-friendly nanocomposites derived from geranium oil and zinc oxide in one step approach. Scientific Reports, 2019, 9, 5973.	3.3	29
39	Effect of titanium surface topography on plasma deposition of antibacterial polymer coatings. Applied Surface Science, 2020, 521, 146375.	6.1	29
40	Fabrication and characterisation of polymer thin-films derived from cineole using radio frequency plasma polymerisation. Polymer, 2009, 50, 3465-3469.	3.8	28
41	Wetting, Solubility and Chemical Characteristics of Plasma-Polymerized 1-Isopropyl-4-Methyl-1,4-Cyclohexadiene Thin Films. Coatings, 2014, 4, 527-552.	2.6	28
42	Photostability of plasma polymerized Î³-terpinene thin films for encapsulation of OPV. Scientific Reports, 2017, 7, 45599.	3.3	27
43	Measurements of loss tangent and relative permittivity of LTCC ceramics at varying temperatures and frequencies. Journal of the European Ceramic Society, 2003, 23, 2611-2615.	5.7	26
44	Structural Characterization of Î³â€Terpinene Thin Films Using Mass Spectroscopy and Xâ€Ray Photoelectron Spectroscopy. Plasma Processes and Polymers, 2015, 12, 1085-1094.	3.0	26
45	Optical characterisation of radio frequency plasma polymerised Lavandula angustifolia essential oil thin films. Thin Solid Films, 2009, 517, 4402-4407.	1.8	24
46	Plant Secondary Metabolite-Derived Polymers: A Potential Approach to Develop Antimicrobial Films. Polymers, 2018, 10, 515.	4.5	24
47	Tape Casting and Dielectric Properties of Sr2ZnSi2O7-Based Ceramic-Glass Composite for Low-Temperature Co-fired Ceramics Applications. International Journal of Applied Ceramic Technology, 2011, 8, 854-864.	2.1	23
48	Microwave characterisation of CaF2 at cryogenic temperatures using a dielectric resonator technique. Journal of the European Ceramic Society, 2003, 23, 2617-2622.	5.7	22
49	Cryogenic Microwave Dielectric Properties of Sintered (Zr0.8Sn0.2)TiO4Doped with CuO and ZnO. Journal of the American Ceramic Society, 2007, 90, 1511-1514.	3.8	22
50	Highly conductive anion exchange membranes based on polymer networks containing imidazolium functionalised side chains. Scientific Reports, 2021, 11, 3764.	3.3	22
51	Precise microwave characterization of MgO substrates for HTS circuits with superconducting post dielectric resonator. Superconductor Science and Technology, 2005, 18, 18-23.	3.5	21
52	Enhancement of fuel cell performance with less-water dependent composite membranes having polyoxometalate anchored nanofibrous interlayer. Journal of Power Sources, 2016, 326, 482-489.	7.8	21
53	Dielectric properties of chickpea, red and green lentil in the microwave frequency range as a function of temperature and moisture content. Journal of Microwave Power and Electromagnetic Energy, 2018, 52, 198-214.	0.8	20
54	Microwave and infrared dielectric properties of Sr_{1â^'3x/2}Ce_xTiO₃(x= 0.154â€“0.400) incipient ferroelectrics at cryogenic temperatures. Journal Physics D: Applied Physics, 2009, 42, 075411.	2.8	19

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55	Microwave Dielectric Properties of Tiâ€Substituted Bi₂(Zn_{2/3}Nb_{4/3})O₇ Pyrochlores at Cryogenic Temperatures. Journal of the American Ceramic Society, 2009, 92, 1268-1271.	3.8	19
56	Single-Step Synthesis of Nitrogen-Doped Graphene Oxide from Aniline at Ambient Conditions. ACS Applied Materials & Interfaces, 2022, 14, 5797-5806.	8.0	19
57	Biodegradable optically transparent terpinen-4-ol thin films for marine antifouling applications. Surface and Coatings Technology, 2018, 349, 426-433.	4.8	18
58	Plasma Treatment of Polymeric Membranes. , 2019, , 211-240.		18
59	Fabrication of Nano-Onion-Structured Graphene Films from Citrus sinensis Extract and Their Wetting and Sensing Characteristics. ACS Applied Materials & Interfaces, 2020, 12, 29594-29604.	8.0	18
60	Ageing and thermal degradation of plasma polymerised thin films derived from Lavandula angustifolia essential oil. Polymer Degradation and Stability, 2009, 94, 597-603.	5.8	17
61	Pulse Plasma Deposition of Terpinen-4-ol: An Insight into Polymerization Mechanism and Enhanced Antibacterial Response of Developed Thin Films. Plasma Chemistry and Plasma Processing, 2020, 40, 339-355.	2.4	17
62	Measurement and modelling of soil dielectric properties as a function of soil class and moisture content. Journal of Microwave Power and Electromagnetic Energy, 2020, 54, 3-18.	0.8	17
63	Dielectric characterisation of Barium Fluoride at cryogenic temperatures using TE011 and quasi TE0mn mode dielectric resonators. Cryogenics, 2006, 46, 730-735.	1.7	16
64	Design of a compact ultra-wideband antenna. Microwave and Optical Technology Letters, 2006, 48, 1515-1518.	1.4	15
65	Temperature Dependence of Permittivity and Loss Tangent of Lithium Tantalate at Microwave Frequencies. IEEE Transactions on Microwave Theory and Techniques, 2004, 52, 536-541.	4.6	14
66	Polymer Encapsulation of Magnesium to Control Biodegradability and Biocompatibility. Journal of Nanoscience and Nanotechnology, 2014, 14, 8087-8093.	0.9	14
67	Potential of plant secondary metabolite-based polymers to enhance wound healing. Acta Biomaterialia, 2022, 147, 34-49.	8.3	14
68	Characterization of step coverage change in ultraviolet-transparent plasma enhanced chemical vapor deposition silicon nitride films. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2000, 18, 2843-2846.	2.1	13
69	Comparison of microwave properties of YBCO films on MgO and LaAlO3 substrates. Physica C: Superconductivity and Its Applications, 2002, 372-376, 474-477.	1.2	13
70	Electrical characterisations of plasma polyermised linalyl acetate. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2012, 177, 311-315.	3.5	13
71	Dielectric Properties of Sewage Biosolids: Measurement and Modeling. Journal of Microwave Power and Electromagnetic Energy, 2014, 48, 147-157.	0.8	13
72	The Electrical Properties of Plasma-Deposited Thin Films Derived from Pelargonium graveolens. Electronics (Switzerland), 2017, 6, 86.	3.1	13

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73	Bactericidal vertically aligned graphene networks derived from renewable precursor. Carbon Trends, 2022, 7, 100157.	3.0	13
74	Analyzing hysteresis behavior of capacitanceâ€“voltage characteristics of IZO/C60/pentacene/Au diodes with a hole-transport electron-blocking polyterpenol layer by electric-field-induced optical second-harmonic generation measurement. Chemical Physics Letters, 2013, 572, 150-153.	2.6	12
75	RF plasma polymerised thin films from natural resources. International Journal of Modern Physics Conference Series, 2014, 32, 1460319.	0.7	12
76	Free standing 3D graphene nano-mesh synthesis by RF plasma CVD using non-synthetic precursor. Materials Research Bulletin, 2015, 71, 61-66.	5.2	12
77	Electrochemical sensing of oxalic acid using silver nanoparticles loaded nitrogen-doped graphene oxide. Carbon Trends, 2022, 8, 100188.	3.0	12
78	Solubility and adhesion characteristics of plasma polymerized thin films derived from Lavandula angustifolia essential oil. Journal of Applied Polymer Science, 2010, 115, 404-415.	2.6	11
79	Solubility and Surface Interactions of RF Plasma Polymerized Polyterpenol Thin Films. Materials Express, 2012, 2, 285-293.	0.5	11
80	Low temperature and broadband dielectric properties of V₂O₅ doped Mg₂TiO₄ ceramics. Materials Express, 2014, 4, 349-358.	0.5	11
81	Functional Nanomaterials from Waste and Lowâ€Value Natural Products: A Technological Approach Level. Advanced Materials Technologies, 2022, 7, .	5.8	11
82	Low temperature microwave characterisation of lithium fluoride at different frequencies. Science and Technology of Advanced Materials, 2005, 6, 944-949.	6.1	10
83	Dielectric Properties of Yttrium Vanadate Crystals from 15 K to 295 K. Journal of Electroceramics, 2005, 15, 237-241.	2.0	10
84	Microwave Modification of Sugar Cane to Enhance Juice Extraction During Milling. Journal of Microwave Power and Electromagnetic Energy, 2011, 45, 178-187.	0.8	10
85	Nanotribological and nanomechanical properties of plasma-polymerized polyterpenol thin films. Journal of Materials Research, 2011, 26, 2952-2961.	2.6	10
86	Plant-derived cis-Î²-ocimene as a precursor for biocompatible, transparent, thermally-stable dielectric and encapsulating layers for organic electronics. Scientific Reports, 2016, 6, 38571.	3.3	10
87	Tailoring terpenoid plasma polymer properties by controlling the substrate temperature during PECVD. Journal of Applied Polymer Science, 2018, 135, 45771.	2.6	10
88	Inorganic nanoparticles to overcome efficiency inhibitors of organic photovoltaics: An in-depth review. Renewable and Sustainable Energy Reviews, 2022, 166, 112661.	16.4	10
89	Surface and Chemical Characterization of PolyLA Thin Films Fabricated Using Plasma Polymerization. Chemical Vapor Deposition, 2009, 15, 179-185.	1.3	9
90	Sustainable plasma polymer encapsulation materials for organic solar cells. Journal of Materials Chemistry A, 2022, 10, 4683-4694.	10.3	9

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91	Surface resistance measurements of HTS thin films using SLAO dielectric resonator. IEEE Transactions on Applied Superconductivity, 2003, 13, 2909-2912.	1.7	8
92	Prediction and Measurement of Electron Density and Collision Frequency in a Weakly Ionised Pine Fire. Journal of Infrared, Millimeter and Terahertz Waves, 2007, 28, 251-262.	0.6	8
93	Effect of CuO on the sintering and cryogenic microwave characteristics of (Zr_{0.8}Sn_{0.2})TiO₄ ceramics. Science and Technology of Advanced Materials, 2007, 8, 469-476.	6.1	8
94	Temperature dependent electrical impedance spectroscopy measurements of plasma enhanced chemical vapour deposited linalyl acetate thin films. Thin Solid Films, 2013, 534, 452-458.	1.8	8
95	Electrical conduction in plasma polymerized thin films of Î³â€terpinene. Journal of Applied Polymer Science, 2015, 132, .	2.6	8
96	Electrically Insulating Plasma Polymer/ZnO Composite Films. Materials, 2019, 12, 3099.	2.9	8
97	Cryogenic complex anisotropic permittivity of magnesium fluoride. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2006, 427, 175-180.	5.6	7
98	Fabrication and Characterization of RF Plasma Polymerized Thin Films from 3,7-Dimethyl-1,6-octadien-3-ol for Electronic and Biomaterial Applications. Advanced Materials Research, 2010, 123-125, 323-326.	0.3	7
99	RF Plasma Polymerization of Orange Oil and Characterization of the Polymer Thin Films. Journal of Polymers and the Environment, 2018, 26, 2925-2933.	5.0	7
100	A Study of a Retention of Antimicrobial Activity by Plasma Polymerized Terpinen-4-ol Thin Films. Materials Science Forum, 2010, 654-656, 2261-2264.	0.3	6
101	Microwave characterization of a novel, environmentally friendly, plasma polymerized organic thin film. Physics Procedia, 2011, 14, 87-90.	1.2	6
102	Plasma Polymerization: Electronics and Biomedical Application. , 2017, , 593-657.		6
103	In-Situ Surface Modification of Terpinen-4-ol Plasma Polymers for Increased Antibacterial Activity. Materials, 2020, 13, 586.	2.9	6
104	Analysis of superconducting microstrip resonator at various microwave power levels. Journal of Applied Physics, 1997, 81, 6272-6276.	2.5	5
105	Surface resistance measurements of surface and interface sides of YBa2Cu3O7films on sapphire and LaAlO3. Superconductor Science and Technology, 2003, 16, 412-415.	3.5	5
106	Study of carrier blocking property of poly-linalyl acetate thin layer by electric-field-induced optical second-harmonic generation measurement. Chemical Physics Letters, 2014, 593, 69-71.	2.6	5
107	Plasma polymers from oregano secondary metabolites: Antibacterial and biocompatible plantâ€based polymers. Plasma Processes and Polymers, 2022, 19, .	3.0	5
108	A cryogenic post dielectric resonator for precise microwave characterization of planar dielectric materials for superconducting circuits. Superconductor Science and Technology, 2004, 17, 358-362.	3.5	4

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109	Ion irradiation as a tool for modifying the surface and optical properties of plasma polymerised thin films. Nuclear Instruments & Methods in Physics Research B, 2015, 360, 54-59.	1.4	4
110	Organic bioelectronic plasma polymerised polyterpenol thin films: preservation of properties relevant to biomedical and organic electronic applications following exposure to sterilising doses of gamma radiation. Journal of Materials Science: Materials in Electronics, 2018, 29, 801-812.	2.2	4
111	Comparative Study of Natural Terpenoid Precursors in Reactive Plasmas for Thin Film Deposition. Molecules, 2021, 26, 4762.	3.8	4
112	Decontamination-Induced Modification of Bioactivity in Essential Oil-Based Plasma Polymer Coatings. Molecules, 2021, 26, 7133.	3.8	4
113	Microwave and microstructural studies of silver-doped thin films. Superconductor Science and Technology, 1998, 11, 1217-1221.	3.5	3
114	Miniaturized hairpin superconducting filters for telecommunications applications. Microwave and Optical Technology Letters, 2002, 35, 360-362.	1.4	3
115	Loss Tangent Measurements of Dielectric Substrates from 15K to 300K with Two Resonators: Investigation into Accuracy Issues. , 0, , .		3
116	Investigations into an LTCC based ultra wideband antenna. , 0, , .		3
117	Effect of Iodine Doping on Surface and Optical Properties of Polyterpenol Thin Films. Materials Science Forum, 0, 654-656, 1764-1767.	0.3	3
118	Effect of a plasma polymerised linalyl acetate dielectric on the optical and morphological properties of an n-type organic semiconductor. Applied Physics A: Materials Science and Processing, 2011, 105, 95-102.	2.3	3
119	Optical properties of thermally evaporated PDI-8CN2 thin films. Physics Procedia, 2011, 14, 29-33.	1.2	3
120	Compatibility of plasma-deposited linalyl acetate thin films with organic electronic device fabrication techniques. Journal of Materials Science, 2013, 48, 4851-4859.	3.7	3
121	Title is missing!. Journal of Superconductivity and Novel Magnetism, 1999, 12, 377-384.	0.5	2
122	Mesurements of Thin Polymer Films Employing Split Post Dielectric Resonator Technique. , 2006, , .		2
123	Temperature dependence of complex permittivity of planar microwave materials. , 2006, , .		2
124	Microwave resonators and their use as measurement instruments and sensors. , 2006, , .		2
125	How Accurately Can the Surface Resistance of Various Superconducting Films Be Measured with the Sapphire Hakkiâ€“Coleman Dielectric Resonator Technique?. Journal of Superconductivity and Novel Magnetism, 2007, 19, 649-655.	1.8	2
126	LOW LOSS DIELECTRIC MATERIALS FOR HIGH FREQUENCY APPLICATIONS. International Journal of Modern Physics B, 2009, 23, 3649-3654.	2.0	2

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127	Complex permittivity measurements of RF plasma polymerized polyterpenol organic thin films employing split post dielectric resonator. Journal of Polymer Engineering, 2011, 31, .	1.4	2
128	A Comparative Assessment of Nanoparticulate and Metallic Silver Coated Dressings. Recent Patents on Materials Science, 2016, 9, 50-57.	0.5	2
129	Formation of nanocrystalline and amorphous carbon by high fluence swift heavy ion irradiation of a plasma polymerized polyterpenol thin film precursor. Journal of Applied Polymer Science, 2018, 135, 46498.	2.6	2
130	Microwave Characterisation of Calcium Fluoride in the Temperature Range 15-300K. , 0, , 161-168.		2
131	Measurement of Complex Permittivity of Low Temperature Co-Fired Ceramic at Cryogenic Temperatures. , 0, , 209-216.		2
132	High-Temperature Superconducting Planar Filters for Wireless Communication. , 2004, , 123-151.		1
133	Microwave Characterization of As-Grown<tex>$rm MgB_2$</tex>Thin Films Prepared by Molecular Beam Epitaxy. IEEE Transactions on Applied Superconductivity, 2005, 15, 3317-3320.	1.7	1
134	Low temperature microwave characterisation of greentapes using Split Post Dielectric Resonator. , 2008, , .		1
135	Understanding the Fundamental Material Constants in Microwave Measurement. Ferroelectrics, 2009, 387, 91-101.	0.6	1
136	Effect of organic gate dielectric material properties on interfacial charging and discharging of pentacene MIM device. Physics Procedia, 2011, 14, 62-66.	1.2	1
137	Inelastic deformation of plasma polymerised thin films facilitated by transient dense plasma focus irradiation. Materials Research Express, 2017, 4, 096407.	1.6	1
138	Precise Microwave Characterisation of YBa2Cu3O7âˆ'Î´ Films on Sapphire and Lanthanum Aluminate Substrates. Journal of Low Temperature Physics, 2003, 131, 647-651.	1.4	0
139	<title>Recent advances in measurements of permitivity and dielectric losses at microwave frequencies</title>. , 2004, 5445, 311.		0
140	Planar Ba(MgxTay)O3 Material for Emerging Microwave Technologies. , 2005, , .		0
141	Are the parameters Q0Ö¦0, temperature coefficient of frequency and temperature coefficient of permittivity fundamental material constants?. , 2005, , .		0
142	Investigation Into Microwave Power Dependence of High Quality Tl-1223 Thin Films on LSAT Substrate. IEEE Transactions on Applied Superconductivity, 2005, 15, 3596-3599.	1.7	0
143	Influence of RF Heating on Microwave Loss. , 2006, , .		0
144	Bi<inf>2</inf>(Zn<inf>2/3-x/3</inf>Nb<inf>4/3-2x/3</inf>Ti<inf>x</inf>)O<inf>7</inf> ceramics - A high permittivity microwave dielectrics for electronics application. , 2008, , .		0

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145	Measurement and modelling of dielectric properties of different animal feed resources as a function of feed type and moisture content. Journal of Microwave Power and Electromagnetic Energy, 2021, 55, 273-286.	0.8	0
146	Microwave Properties of Yttrium Vanadate Crystals at Cryogenic Temperatures. , 2003, , .		0
147	Temperature Dependence of the Complex Permittivity of Greentapesâ„¢. , 2007, , .		0
148	Cryogenic microwave dielectric properties of Mg2TiO4ceramics added with CeO2nanoparticles. Advances in Materials Research (South Korea), 2014, 3, 105-116.	0.6	0