

# Mohan V Jacob

## List of Publications by Year in descending order

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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	Bactericidal vertically aligned graphene networks derived from renewable precursor. Carbon Trends, 2022, 7, 100157.	3.0	13
2	Single-Step Synthesis of Nitrogen-Doped Graphene Oxide from Aniline at Ambient Conditions. ACS Applied Materials & Interfaces, 2022, 14, 5797-5806.	8.0	19
3	Sustainable plasma polymer encapsulation materials for organic solar cells. Journal of Materials Chemistry A, 2022, 10, 4683-4694.	10.3	9
4	Plasma polymers from oregano secondary metabolites: Antibacterial and biocompatible plant-based polymers. Plasma Processes and Polymers, 2022, 19, .	3.0	5
5	Potential of plant secondary metabolite-based polymers to enhance wound healing. Acta Biomaterialia, 2022, 147, 34-49.	8.3	14
6	Inorganic nanoparticles to overcome efficiency inhibitors of organic photovoltaics: An in-depth review. Renewable and Sustainable Energy Reviews, 2022, 166, 112661.	16.4	10
7	Functional Nanomaterials from Waste and Low-Value Natural Products: A Technological Approach Level. Advanced Materials Technologies, 2022, 7, .	5.8	11
8	Electrochemical sensing of oxalic acid using silver nanoparticles loaded nitrogen-doped graphene oxide. Carbon Trends, 2022, 8, 100188.	3.0	12
9	Highly conductive anion exchange membranes based on polymer networks containing imidazolium functionalised side chains. Scientific Reports, 2021, 11, 3764.	3.3	22
10	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
11	Comparative Study of Natural Terpenoid Precursors in Reactive Plasmas for Thin Film Deposition. Molecules, 2021, 26, 4762.	3.8	4
12	Functional nanomaterials, synergisms, and biomimicry for environmentally benign marine antifouling technology. Materials Horizons, 2021, 8, 3201-3238.	12.2	44
13	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
14	Decontamination-Induced Modification of Bioactivity in Essential Oil-Based Plasma Polymer Coatings. Molecules, 2021, 26, 7133.	3.8	4
15	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
16	Fabrication of Nano-Onion-Structured Graphene Films from <i>Citrus sinensis</i> Extract and Their Wetting and Sensing Characteristics. ACS Applied Materials & Interfaces, 2020, 12, 29594-29604.	8.0	18
17	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
18	In-Situ Surface Modification of Terpinen-4-ol Plasma Polymers for Increased Antibacterial Activity. Materials, 2020, 13, 586.	2.9	6

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19	Effect of titanium surface topography on plasma deposition of antibacterial polymer coatings. Applied Surface Science, 2020, 521, 146375.	6.1	29
20	Electrically Insulating Plasma Polymer/ZnO Composite Films. Materials, 2019, 12, 3099.	2.9	8
21	Eco-friendly nanocomposites derived from geranium oil and zinc oxide in one step approach. Scientific Reports, 2019, 9, 5973.	3.3	29
22	Plasma Treatment of Polymeric Membranes. , 2019, , 211-240.		18
23	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
24	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
25	Tailoring terpenoid plasma polymer properties by controlling the substrate temperature during PECVD. Journal of Applied Polymer Science, 2018, 135, 45771.	2.6	10
26	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
27	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
28	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
29	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
30	Biodegradable optically transparent terpinen-4-ol thin films for marine antifouling applications. Surface and Coatings Technology, 2018, 349, 426-433.	4.8	18
31	Plant Secondary Metabolite-Derived Polymers: A Potential Approach to Develop Antimicrobial Films. Polymers, 2018, 10, 515.	4.5	24
32	Photostability of plasma polymerized $\beta$ -terpinene thin films for encapsulation of OPV. Scientific Reports, 2017, 7, 45599.	3.3	27
33	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
34	Plasma Polymerization: Electronics and Biomedical Application. , 2017, , 593-657.		6
35	Inelastic deformation of plasma polymerised thin films facilitated by transient dense plasma focus irradiation. Materials Research Express, 2017, 4, 096407.	1.6	1
36	Silver removal from aqueous solution by biochar produced from biosolids via microwave pyrolysis. Journal of Environmental Management, 2017, 203, 264-272.	7.8	47

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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	Review on the Antimicrobial Properties of Carbon Nanostructures. Materials, 2017, 10, 1066.	2.9	325
39	Effects of Iodine Doping on Optoelectronic and Chemical Properties of Polyterpenol Thin Films. Nanomaterials, 2017, 7, 11.	4.1	42
40	Retention of Antibacterial Activity in Geranium Plasma Polymer Thin Films. Nanomaterials, 2017, 7, 270.	4.1	32
41	The Electrical Properties of Plasma-Deposited Thin Films Derived from Pelargonium graveolens. Electronics (Switzerland), 2017, 6, 86.	3.1	13
42	A Comparative Assessment of Nanoparticulate and Metallic Silver Coated Dressings. Recent Patents on Materials Science, 2016, 9, 50-57.	0.5	2
43	Plant-derived cis- $\beta$ -ocimene as a precursor for biocompatible, transparent, thermally-stable dielectric and encapsulating layers for organic electronics. Scientific Reports, 2016, 6, 38571.	3.3	10
44	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
45	Sustainable Life Cycles of Natural-Precursor-Derived Nanocarbons. Chemical Reviews, 2016, 116, 163-214.	47.7	163
46	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
47	Electrical conduction in plasma polymerized thin films of $\beta$ -terpinene. Journal of Applied Polymer Science, 2015, 132, .	2.6	8
48	Structural Characterization of $\beta$ -Terpinene Thin Films Using Mass Spectroscopy and X-ray Photoelectron Spectroscopy. Plasma Processes and Polymers, 2015, 12, 1085-1094.	3.0	26
49	Anti-bacterial surfaces: natural agents, mechanisms of action, and plasma surface modification. RSC Advances, 2015, 5, 48739-48759.	3.6	172
50	Fiber preparation and mechanical properties of recycled polypropylene for reinforcing concrete. Journal of Applied Polymer Science, 2015, 132, .	2.6	44
51	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
52	Catalyst-Free Plasma Enhanced Growth of Graphene from Sustainable Sources. Nano Letters, 2015, 15, 5702-5708.	9.1	124
53	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
54	Organic Semiconductors: Past, Present and Future. Electronics (Switzerland), 2014, 3, 594-597.	3.1	32

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55	RF plasma polymerised thin films from natural resources. International Journal of Modern Physics Conference Series, 2014, 32, 1460319.	0.7	12
56	Polymer Encapsulation of Magnesium to Control Biodegradability and Biocompatibility. Journal of Nanoscience and Nanotechnology, 2014, 14, 8087-8093.	0.9	14
57	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
58	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
59	Dielectric Properties of Sewage Biosolids: Measurement and Modeling. Journal of Microwave Power and Electromagnetic Energy, 2014, 48, 147-157.	0.8	13
60	Low temperature and broadband dielectric properties of $V_2O_5$ doped $Mg_2TiO_4$ ceramics. Materials Express, 2014, 4, 349-358.	0.5	11
61	Cryogenic microwave dielectric properties of $Mg_2TiO_4$ ceramics added with $CeO_2$ nanoparticles. Advances in Materials Research (South Korea), 2014, 3, 105-116.	0.6	0
62	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
63	Materials and methods for encapsulation of OPV: A review. Renewable and Sustainable Energy Reviews, 2013, 27, 104-117.	16.4	173
64	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
65	Analyzing hysteresis behavior of capacitance-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
66	Plasma polymerised thin films for flexible electronic applications. Thin Solid Films, 2013, 546, 167-170.	1.8	46
67	Implantable Devices: Issues and Challenges. Electronics (Switzerland), 2013, 2, 1-34.	3.1	239
68	Solubility and Surface Interactions of RF Plasma Polymerized Polyterpenol Thin Films. Materials Express, 2012, 2, 285-293.	0.5	11
69	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
70	Electron-blocking hole-transport polyterpenol thin films. Chemical Physics Letters, 2012, 528, 26-28.	2.6	34
71	Electrical characterisations of plasma polymerised linalyl acetate. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2012, 177, 311-315.	3.5	13
72	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

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73	Microwave Modification of Sugar Cane to Enhance Juice Extraction During Milling. <i>Journal of Microwave Power and Electromagnetic Energy</i> , 2011, 45, 178-187.	0.8	10
74	Tape Casting and Dielectric Properties of Sr <sub>2</sub> ZnSi <sub>2</sub> O <sub>7</sub> -Based Ceramic-Glass Composite for Low-Temperature Co-fired Ceramics Applications. <i>International Journal of Applied Ceramic Technology</i> , 2011, 8, 854-864.	2.1	23
75	Effect of a plasma polymerised linalyl acetate dielectric on the optical and morphological properties of an n-type organic semiconductor. <i>Applied Physics A: Materials Science and Processing</i> , 2011, 105, 95-102.	2.3	3
76	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. <i>Chemical Physics Letters</i> , 2011, 503, 105-111.	2.6	34
77	Plasma-assisted surface modification of organic biopolymers to prevent bacterial attachment. <i>Acta Biomaterialia</i> , 2011, 7, 2015-2028.	8.3	254
78	Optical properties of thermally evaporated PDI-8CN2 thin films. <i>Physics Procedia</i> , 2011, 14, 29-33.	1.2	3
79	Effect of organic gate dielectric material properties on interfacial charging and discharging of pentacene MIM device. <i>Physics Procedia</i> , 2011, 14, 62-66.	1.2	1
80	Microwave characterization of a novel, environmentally friendly, plasma polymerized organic thin film. <i>Physics Procedia</i> , 2011, 14, 87-90.	1.2	6
81	Optical and chemical properties of polyterpenol thin films deposited via plasma-enhanced chemical vapor deposition. <i>Journal of Materials Research</i> , 2011, 26, 1018-1025.	2.6	38
82	Nanotribological and nanomechanical properties of plasma-polymerized polyterpenol thin films. <i>Journal of Materials Research</i> , 2011, 26, 2952-2961.	2.6	10
83	The Effect of Polyterpenol Thin Film Surfaces on Bacterial Viability and Adhesion. <i>Polymers</i> , 2011, 3, 388-404.	4.5	62
84	Solubility and adhesion characteristics of plasma polymerized thin films derived from <i>Lavandula angustifolia</i> essential oil. <i>Journal of Applied Polymer Science</i> , 2010, 115, 404-415.	2.6	11
85	Post-deposition ageing reactions of plasma derived polyterpenol thin films. <i>Polymer Degradation and Stability</i> , 2010, 95, 1123-1128.	5.8	40
86	Fabrication and characterization of polyterpenol as an insulating layer and incorporated organic field effect transistor. <i>Thin Solid Films</i> , 2010, 518, 6123-6129.	1.8	33
87	Effect of RF power on the optical and morphological properties of RF plasma polymerised linalyl acetate thin films. <i>Applied Surface Science</i> , 2010, 256, 3293-3298.	6.1	30
88	A Study of a Retention of Antimicrobial Activity by Plasma Polymerized Terpinen-4-ol Thin Films. <i>Materials Science Forum</i> , 2010, 654-656, 2261-2264.	0.3	6
89	Fabrication and Characterization of RF Plasma Polymerized Thin Films from 3,7-Dimethyl-1,6-octadien-3-ol for Electronic and Biomaterial Applications. <i>Advanced Materials Research</i> , 2010, 123-125, 323-326.	0.3	7
90	Plasma-Enhanced Synthesis of Bioactive Polymeric Coatings from Monoterpene Alcohols: A Combined Experimental and Theoretical Study. <i>Biomacromolecules</i> , 2010, 11, 2016-2026.	5.4	63

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91	Understanding the Fundamental Material Constants in Microwave Measurement. <i>Ferroelectrics</i> , 2009, 387, 91-101.	0.6	1
92	LOW LOSS DIELECTRIC MATERIALS FOR HIGH FREQUENCY APPLICATIONS. <i>International Journal of Modern Physics B</i> , 2009, 23, 3649-3654.	2.0	2
93	Microwave and infrared dielectric properties of $\text{Sr}_{1-x}\text{Ce}_x\text{Ti}_3$ ( $x = 0.154 \text{--} 0.400$ ) incipient ferroelectrics at cryogenic temperatures. <i>Journal Physics D: Applied Physics</i> , 2009, 42, 075411.	2.8	19
94	Synthesis of radio frequency plasma polymerized non-synthetic Terpinen-4-ol thin films. <i>Materials Letters</i> , 2009, 63, 1594-1597.	2.6	58
95	Surface and Chemical Characterization of PolyLA Thin Films Fabricated Using Plasma Polymerization. <i>Chemical Vapor Deposition</i> , 2009, 15, 179-185.	1.3	9
96	Ageing and thermal degradation of plasma polymerised thin films derived from <i>Lavandula angustifolia</i> essential oil. <i>Polymer Degradation and Stability</i> , 2009, 94, 597-603.	5.8	17
97	Microwave Dielectric Properties of $\text{Ti}$ -Substituted $\text{Bi}_2(\text{Zn}_{2/3}\text{Nb}_{4/3})\text{O}_7$ Pyrochlores at Cryogenic Temperatures. <i>Journal of the American Ceramic Society</i> , 2009, 92, 1268-1271.	3.8	19
98	Optical characterisation of radio frequency plasma polymerised <i>Lavandula angustifolia</i> essential oil thin films. <i>Thin Solid Films</i> , 2009, 517, 4402-4407.	1.8	24
99	Fabrication and characterisation of polymer thin-films derived from cineole using radio frequency plasma polymerisation. <i>Polymer</i> , 2009, 50, 3465-3469.	3.8	28
100	Fabrication of a novel organic polymer thin film. <i>Thin Solid Films</i> , 2008, 516, 3884-3887.	1.8	50
101	Low temperature microwave characterisation of greentapes using Split Post Dielectric Resonator. , 2008, , .		1
102	Microwave dielectric properties and vibrational spectroscopic analysis of $\text{MgTe}_2\text{O}_5$ ceramics. <i>Journal of Materials Research</i> , 2008, 23, 1551-1556.	2.6	38
103	$\text{Bi}_2(\text{Zn}_{2/3-x}\text{Nb}_{4/3-2x})\text{Ti}_x\text{O}_7$ ceramics - A high permittivity microwave dielectrics for electronics application. , 2008, , .		0
104	Non-destructive complex permittivity measurement of low permittivity thin film materials. <i>Measurement Science and Technology</i> , 2007, 18, 2869-2877.	2.6	32
105	Cryogenic Microwave Dielectric Properties of Sintered $(\text{Zr}_{0.8}\text{Sn}_{0.2})\text{TiO}_4$ Doped with $\text{CuO}$ and $\text{ZnO}$ . <i>Journal of the American Ceramic Society</i> , 2007, 90, 1511-1514.	3.8	22
106	Prediction and Measurement of Electron Density and Collision Frequency in a Weakly Ionised Pine Fire. <i>Journal of Infrared, Millimeter and Terahertz Waves</i> , 2007, 28, 251-262.	0.6	8
107	How Accurately Can the Surface Resistance of Various Superconducting Films Be Measured with the Sapphire Hakki-Coleman Dielectric Resonator Technique?. <i>Journal of Superconductivity and Novel Magnetism</i> , 2007, 19, 649-655.	1.8	2
108	Effect of $\text{CuO}$ on the sintering and cryogenic microwave characteristics of $(\text{Zr}_{0.8}\text{Sn}_{0.2})\text{TiO}_4$ ceramics. <i>Science and Technology of Advanced Materials</i> , 2007, 8, 469-476.	6.1	8



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109	Temperature Dependence of the Complex Permittivity of Greenâ„¢, , 2007, , .		0
110	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
111	Influence of RF Heating on Microwave Loss. , 2006, , .		0
112	Mesurements of Thin Polymer Films Employing Split Post Dielectric Resonator Technique. , 2006, , .		2
113	Dielectric characterisation of Barium Fluoride at cryogenic temperatures using TE011 and quasi TE0mn mode dielectric resonators. Cryogenics, 2006, 46, 730-735.	1.7	16
114	Cryogenic complex anisotropic permittivity of magnesium fluoride. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2006, 427, 175-180.	5.6	7
115	Design of a compact ultra-wideband antenna. Microwave and Optical Technology Letters, 2006, 48, 1515-1518.	1.4	15
116	Temperature dependence of complex permittivity of planar microwave materials. , 2006, , .		2
117	Microwave resonators and their use as measurement instruments and sensors. , 2006, , .		2
118	Low temperature microwave characterisation of lithium fluoride at different frequencies. Science and Technology of Advanced Materials, 2005, 6, 944-949.	6.1	10
119	Dielectric Properties of Yttrium Vanadate Crystals from 15 K to 295 K. Journal of Electroceramics, 2005, 15, 237-241.	2.0	10
120	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
121	Planar Ba(MgxTay)O3 Material for Emerging Microwave Technologies. , 2005, , .		0
122	Are the parameters $Q_0$ , temperature coefficient of frequency and temperature coefficient of permittivity fundamental material constants?. , 2005, , .		0
123	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
124	Microwave Characterization of As-Grown $\text{MgB}_2$ Thin Films Prepared by Molecular Beam Epitaxy. IEEE Transactions on Applied Superconductivity, 2005, 15, 3317-3320.	1.7	1
125	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
126	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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127	High-Temperature Superconducting Planar Filters for Wireless Communication. , 2004, , 123-151.		1
128	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
129	<title>Recent advances in measurements of permittivity and dielectric losses at microwave frequencies</title>. , 2004, 5445, 311.		0
130	Precise Microwave Characterisation of YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-<math>\delta</math></sub> Films on Sapphire and Lanthanum Aluminate Substrates. Journal of Low Temperature Physics, 2003, 131, 647-651.	1.4	0
131	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
132	Microwave characterisation of CaF <sub>2</sub> at cryogenic temperatures using a dielectric resonator technique. Journal of the European Ceramic Society, 2003, 23, 2617-2622.	5.7	22
133	Surface resistance measurements of HTS thin films using SLAO dielectric resonator. IEEE Transactions on Applied Superconductivity, 2003, 13, 2909-2912.	1.7	8
134	Surface resistance measurements of surface and interface sides of YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> films on sapphire and LaAlO <sub>3</sub> . Superconductor Science and Technology, 2003, 16, 412-415.	3.5	5
135	Microwave Properties of Yttrium Vanadate Crystals at Cryogenic Temperatures. , 2003, , .		0
136	Microwave properties of low-loss polymers at cryogenic temperatures. IEEE Transactions on Microwave Theory and Techniques, 2002, 50, 474-480.	4.6	30
137	Miniaturized hairpin superconducting filters for telecommunications applications. Microwave and Optical Technology Letters, 2002, 35, 360-362.	1.4	3
138	Comparison of microwave properties of YBCO films on MgO and LaAlO <sub>3</sub> substrates. Physica C: Superconductivity and Its Applications, 2002, 372-376, 474-477.	1.2	13
139	Simplified method for measurements and calculations of coupling coefficients and Q/sub O/ factor of high-temperature superconducting dielectric resonators. IEEE Transactions on Microwave Theory and Techniques, 2001, 49, 2401-2407.	4.6	39
140	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
141	Title is missing!. Journal of Superconductivity and Novel Magnetism, 1999, 12, 377-384.	0.5	2
142	Microwave and microstructural studies of silver-doped thin films. Superconductor Science and Technology, 1998, 11, 1217-1221.	3.5	3
143	Analysis of superconducting microstrip resonator at various microwave power levels. Journal of Applied Physics, 1997, 81, 6272-6276.	2.5	5
144	Loss Tangent Measurements of Dielectric Substrates from 15K to 300K with Two Resonators: Investigation into Accuracy Issues. , 0, , .		3

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145	Investigations into an LTCC based ultra wideband antenna. , 0, , .		3
146	Effect of Iodine Doping on Surface and Optical Properties of Polyterpenol Thin Films. Materials Science Forum, 0, 654-656, 1764-1767.	0.3	3
147	Microwave Characterisation of Calcium Fluoride in the Temperature Range 15-300K. , 0, , 161-168.		2
148	Measurement of Complex Permittivity of Low Temperature Co-Fired Ceramic at Cryogenic Temperatures. , 0, , 209-216.		2