Luis C Costa

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152	2,184	26	38
papers	citations	h-index	g-index
158	2,447	3.2	4.98
ext. papers	ext. citations	avg, IF	L-index

#	Paper	IF	Citations
152	Rapid tooling by laser powder deposition: Process simulation using finite element analysis. *Acta Materialia*, **2005**, 53, 3987-3999	8.4	185
151	Electromagnetic and thermal history during microwave heating. *Applied Thermal Engineering*, **2011**, 31, 3255-3261	5.8	83
150	Electrical conductivity and dielectric analysis of La0.75(Ca,Sr)0.25Mn0.85Ga0.15O3 perovskite compound. *Journal of Alloys and Compounds*, **2012**, 536, 173-178	5.7	61
149	Electric modulus-based analysis of the dielectric relaxation in carbon black loaded polymer composites. *Journal of Applied Physics*, **2010**, 107, 124111	2.5	55
148	Dielectric properties of polystyrene□CCTO composite. *Journal of Non-Crystalline Solids*, **2008**, 354, 5321-5322	3.9	52
147	Electrical conductivity and ac dielectric properties of La0.8Ca0.2-Pb FeO3 (x= 0.05, 0.10 and 0.15) perovskite compounds. *Journal of Alloys and Compounds*, **2015**, 653, 506-512	5.7	50
146	Facile synthesis of hydrogenated reduced graphene oxide via hydrogen spillover mechanism. *Journal of Materials Chemistry*, **2012**, 22, 10457		46
145	Electrical and dielectrical properties of the percolating system polystyrene/polypyrrole particles. *European Polymer Journal*, **2002**, 38, 1495-1499	5.2	42
144	Dielectric, morphological and structural properties of lithium ferrite powders prepared by solid state method. *Journal of Non-Crystalline Solids*, **2012**, 358, 1924-1929	3.9	41
143	Structural investigation of the silica-titania gel/glass transition. *Journal of Non-Crystalline Solids*, **1992**, 145, 175-179	3.9	41
142	Electrical conductivity studies on carbon black loaded ethylene butylacrylate polymer composites. *Journal of Non-Crystalline Solids*, **2012**, 358, 2810-2815	3.9	40
141	AC and DC electrical conductivity in natural rubber/nanofibrillated cellulose nanocomposites. *Journal of Molecular Liquids*, **2015**, 209, 272-279	6	39
140	Lignin-based polyurethane doped with carbon nanotubes for sensor applications. *Polymer International*, **2012**, 61, 788-794	3.3	38
139	Decrease in dielectric loss of CaCu3Ti4O12 by the addition of TeO2. *Journal of Non-Crystalline Solids*, **2011**, 357, 775-781	3.9	37
138	Building a resonant cavity for the measurement of microwave dielectric permittivity of high loss materials. *Microwave and Optical Technology Letters*, **2007**, 49, 1687-1690	1.2	37
137	Dielectric properties of CaCu3Ti4O12 (CCTO) doped with GeO2. *Journal of Non-Crystalline Solids*, **2010**, 356, 822-827	3.9	36
136	Structural and electrical properties of polystyrene□arbon composites. *Solid State Communications*, **1999**, 112, 67-72	1.6	35

135	Insights into the physical properties of biobased polyurethane/expanded graphite composite foams. *Composites Science and Technology*, **2017**, 138, 24-31	8.6	32
134	Electrochemical impedance study of the lignin-derived conducting polymer. *Electrochimica Acta*, **2012**, 76, 69-76	6.7	30
133	Electrical conductivity of multiwalled carbon nanotubes/polyester polymer nanocomposites. *Journal of Composite Materials*, **2016**, 50, 3283-3290	2.7	29
132	A spark-protected high-rate detector. *Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment*, **1999**, 431, 154-159	1.2	28
131	Effect of temperature on the electrical properties of copolymer/carbon black mixtures. *Journal of Non-Crystalline Solids*, **2010**, 356, 1536-1541	3.9	27
130	DC electrical conductivity of carbon black polymer composites at low temperatures. *Journal of Non-Crystalline Solids*, **2011**, 357, 1741-1744	3.9	26
129	Hopping conduction on PAni/PSS blends. *Synthetic Metals*, **2009**, 159, 523-527	3.6	26
128	Electrical and magnetic properties of Polystyrene doped with Iron nanoparticles. *Polymer Bulletin*, **2006**, 57, 881-887	2.4	26
127	The evolution of poly(lactic acid) degradability by dielectric spectroscopy measurements. *European Polymer Journal*, **2005**, 41, 2122-2126	5.2	26
126	Electrical properties of Sn-doped Ba0.75Sr0.25Ti0.95O3 perovskite. *Ceramics International*, **2014**, 40, 9355-9360	5.1	25
125	Molecular dynamics of nanocomposites natural rubber/cellulose nanowhiskers investigated by impedance spectroscopy. *Journal of Molecular Liquids*, **2014**, 196, 187-191	6	24
124	Dielectric relaxation studies on nanocomposites of rubber with nanofibrillated cellulose. *Journal of Non-Crystalline Solids*, **2013**, 378, 39-44	3.9	24
123	Potentiometric chemical sensors from lignin-poly(propylene oxide) copolymers doped by carbon nanotubes. *Analyst, The*, **2013**, 138, 501-8	5	23
122	Electrical and dielectric properties of the Ca2MnO4 system. *Solid State Communications*, **2011**, 151, 1331-1335	1.6	23
121	A green-emitting CdSe/poly(butyl acrylate) nanocomposite. *Nanotechnology*, **2005**, 16, 1969-1973	3.4	23
120	Ionic hopping conductivity in potential batteries separator based on natural rubber nanocellulose green nanocomposites. *Journal of Molecular Liquids*, **2015**, 211, 792-802	6	22
119	Effects of Mn doping on the electrical and dielectric properties of CaCu 3 Ti 4 O 12 fibres. *Ceramics International*, **2014**, 40, 16503-16511	5.1	22
118	Colossal dielectric constant of poly- and single-crystalline CaCu3Ti4O12 fibres grown by the laser floating zone technique. *Acta Materialia*, **2011**, 59, 102-111	8.4	22

117	Synthesis, crystal structure and electrical properties of N,N-dimethylanilinium trichloridostannate (II): (C8H12N)SnCl3. *Journal of Molecular Structure*, **2015**, 1102, 71-80	3.4	19
116	Microwave dielectric properties of the system Ba1−xSrxTiO3. *Physica B: Condensed Matter*, **2010**, 405, 3741-3744	2.8	19
115	Microwave processing of porcelain tableware using a multiple generator configuration. *Applied Thermal Engineering*, **2013**, 50, 677-682	5.8	18
114	Synthesis and characterization of calcium copper titanate obtained by ethylenediaminetetraacetic acid gel combustion. *Materials Chemistry and Physics*, **2010**, 124, 580-586	4.4	18
113	TSDC and impedance spectroscopy measurements on hydroxyapatite, β-tricalcium phosphate and hydroxyapatite/β-tricalcium phosphate biphasic bioceramics. *Applied Surface Science*, **2017**, 424, 28-38	6.7	17
112	Dielectric relaxation and morphologic properties of CaCu3Ti4O12 doped with GeO2. *Journal of Non-Crystalline Solids*, **2009**, 355, 2160-2164	3.9	16
111	Microwave dielectric properties of NiFe2O4 nanoparticles ferrites. *Microwave and Optical Technology Letters*, **2007**, 49, 1341-1343	1.2	16
110	Structural, morphological and dielectric properties of BiNbO4 ceramics prepared by the sol-gel method. *Materials Research Bulletin*, **2016**, 78, 128-133	5.1	15
109	Modelling the DC electrical conductivity of polymer/carbon black composites. *Journal of Electrostatics*, **2014**, 72, 187-191	1.7	15
108	Investigation of micro- and nanoscale barrier layer capacitance mechanisms of conductivity in CaCu3Ti4O12 via scanning probe microscopy technique. *RSC Advances*, **2017**, 7, 40695-40704	3.7	15
107	Dielectric behaviour of carbon nanotubes particles-filled polyester polymer composites. *Journal of Composite Materials*, **2017**, 51, 1831-1837	2.7	15
106	Electrical analysis of niobium oxide thin films. *Thin Solid Films*, **2015**, 585, 95-99	2.2	15
105	Microwave dielectric properties of (Bi1−xFex)NbO4 ceramics prepared by the sol–gel method. *Ceramics International*, **2015**, 41, 8186-8190	5.1	15
104	Dielectric properties of FeNbO4 ceramics prepared by the sol-gel method. *Solid State Sciences*, **2016**, 61, 44-50	3.4	14
103	Temperature-dependent electrorheological effect and its description with respect to dielectric spectra. *Journal of Intelligent Material Systems and Structures*, **2016**, 27, 880-886	2.3	14
102	Optical and dielectric properties of PMMA (poly(methyl methacrylate))/carbon dots composites. *Polymer Composites*, **2019**, 40, E1312-E1319	3	14
101	Study of the influence of thermal treatment on the magnetic properties of lithium ferrite prepared by wet ball-milling using nitrates as raw material. *Materials Science and Engineering B: Solid-State Materials for Advanced Technology*, **2014**, 186, 83-88	3.1	14
100	Structural characterization and electrical properties of carbon nanotubes/epoxy polymer composites. *Journal of Applied Polymer Science*, **2017**, 134,	2.9	14

99	Structural and relaxor behavior of Ba[ZrxTi1−x](Zn1/3Nb2/3)yO3 ceramics obtained by a solid-state reaction. *Solid State Communications*, **2010**, 150, 1245-1248	1.6	14
98	Free and/or bound water by dielectric measurements. *Food Chemistry*, **2003**, 82, 29-34	8.5	14
97	Microwave dielectric properties of polybutylene terephtalate (PBT) with carbon black particles. *Microwave and Optical Technology Letters*, **2005**, 46, 61-63	1.2	14
96	Microwave versus conventional porcelain firing: Temperature measurement. *Journal of Manufacturing Processes*, **2019**, 41, 92-100	5	13
95	Dielectric properties of the ethylene butylacrylate/carbon black nanocomposites. *Journal of Non-Crystalline Solids*, **2010**, 356, 270-274	3.9	13
94	Influence of ionizing radiation on physical properties of native and chemically modified starches. *Radiation Physics and Chemistry*, **2010**, 79, 75-82	2.5	13
93	Validation of a consciousness level scale for palliative care. *Palliative Medicine*, **2008**, 22, 724-9	5.5	13
92	Sol-gel formation of silica-zirconia glasses. *Journal of Non-Crystalline Solids*, **1992**, 147-148, 335-339	3.9	13
91	Impedance spectroscopy study of polyester/carbon nanotube composites. *Polymer Composites*, **2018**, 39, 1297-1302	3	12
90	Crystallization of KNbO3 in a B2O3 glass network. *Journal of Non-Crystalline Solids*, **2008**, 354, 5162-5164	3.9	12
89	Highly Electroconductive Nanopapers Based on Nanocellulose and Copper Nanowires: A New Generation of Flexible and Sustainable Electrical Materials. *ACS Applied Materials & Interfaces*, **2020**, 12, 34208-34216	9.5	11
88	Electric Modulus Spectroscopic Studies of the Dielectric Properties of Carbon Nanotubes/Epoxy Polymer Composite Materials. *Journal of Macromolecular Science - Physics*, **2018**, 57, 210-221	1.4	11
87	Dielectric and Structural Properties of Lithium Ferrites. *Spectroscopy Letters*, **2014**, 47, 356-362	1.1	11
86	PTCR effect in carbon black/copolymer composites. *Physica B: Condensed Matter*, **2011**, 406, 245-249	2.8	11
85	Dielectric and morphological properties of PAni-DBSA blended with polystyrene sulfonic acid. *Synthetic Metals*, **2007**, 157, 945-950	3.6	11
84	Comparison of lithium ferrite powders prepared by sol-gel and solid state reaction methods. *Materials Science and Engineering B: Solid-State Materials for Advanced Technology*, **2020**, 255, 114529	3.1	10
83	New method to analyze dielectric relaxation processes: a study on polymethacrylate series. *Polymer International*, **2013**, 62, 1744-1749	3.3	10
82	Dielectric behaviour of Nd ions in the lead borate glass. *Journal of Non-Crystalline Solids*, **1994**, 172-174, 1324-1327	3.9	10

81	Observation of dimers R-O-R in the glassesx Gd2O3 PbO 2B2O3. *Journal of Materials Science Letters*, **1990**, 9, 301-303		10
80	Electric Modulus Analysis of Carbon Black/Copolymer Composite Materials. *Materials Sciences and Applications*, **2011**, 02, 1421-1426	0.3	10
79	Electrical, morphology and structural properties of biodegradable nanocomposite polyvinyl-acetate/ cellulose nanocrystals. *Materials Chemistry and Physics*, **2020**, 240, 122182	4.4	10
78	Prediction of the DC electrical conductivity of carbon black filled polymer composites. *Polymer Bulletin*, **2015**, 72, 2561-2571	2.4	9
77	Impedance Spectroscopy of Nanofluids based on Multiwall Carbon Nanotubes. *Spectroscopy Letters* , **2015**, 48, 761-766	1.1	9
76	Prediction of filler/matrix interphase effects on AC and DC electrical properties of carbon reinforced polymer composites. *Polymer Composites*, **2019**, 40, 346-352	3	9
75	Williamson-hall analysis in estimation of crystallite size and lattice strain in Bi1.34Fe0.66Nb1.34O6.35 prepared by the sol-gel method. *Materials Science and Engineering B: Solid-State Materials for Advanced Technology*, **2021**, 263, 114830	3.1	9
74	Electrical properties of conducting polymer composites: Experimental and modeling approaches. *Spectroscopy Letters*, **2017**, 50, 196-199	1.1	8
73	Dielectric relaxation of the Ca2MnO4 system. *Journal of Alloys and Compounds*, **2013**, 577, S483-S487	5.7	8
72	Percolation and order disorder transition. *Physica B: Condensed Matter*, **2007**, 387, 250-258	2.8	8
71	Electrical properties of the polymer composite polystyrene/iron particles. *Journal De Chimie Physique Et De Physico-Chimie Biologique*, **1998**, 95, 1453-1456		8
70	Nanocomposite Polymeric Materials Based on Eucalyptus Lignoboost Kraft Lignin for Liquid Sensing Applications. *Materials*, **2020**, 13,	3.5	8
69	Microwave vs conventional porcelain firing: Macroscopic properties. *International Journal of Applied Ceramic Technology*, **2020**, 17, 2277-2285	2	7
68	Thermal and Spectral Dielectric Properties of Polypyrrole/Polymethylmethacrylate Composites. *Spectroscopy Letters*, **2012**, 45, 477-481	1.1	6
67	Study of the structural and dielectric properties of xLiFe5O8(100) LiNbO3 composites, processed using microwave energy. *Journal of Non-Crystalline Solids*, **2010**, 356, 602-606	3.9	6
66	Structural and optical properties on thulium-doped LHPG-grown Ta2O5 fibres. *Microelectronics Journal*, **2009**, 40, 309-312	1.8	6
65	Transient behaviour and rate effects in resistive detectors. *Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment*, **1998**, 419, 485-489	1.2	6
64	Dielectric properties of PANI/PSS blends obtained by in situ polymerization technique. *Polymer Bulletin*, **2008**, 60, 379-386	2.4	6

63	Dielectric universal law of lead silicate glasses doped with neodymium oxide. *Journal of Non-Crystalline Solids*, **2007**, 353, 4380-4383	3.9	6
62	Dielectric relaxation in glasses containing different relaxing species. *Journal of Non-Crystalline Solids*, **1991**, 131-133, 990-993	3.9	6
61	Insights into the photoluminescence properties of gel-like carbon quantum dots embedded in poly(methyl methacrylate) polymer. *Materials Today Communications*, **2019**, 18, 32-38	2.5	6
60	Nanostructured LiFeO by a Biogenic Method for Applications from Electronics to Medicine. *Nanomaterials*, **2021**, 11,	5.4	6
59	Yttrium ferrites with enhanced dielectric properties. *Materials Science and Engineering B: Solid-State Materials for Advanced Technology*, **2018**, 232-235, 41-47	3.1	6
58	Structural, morphological and microwave dielectric properties of (Bi1-xEux)NbO4 ceramics prepared by the sol-gel method. *International Journal of Materials Engineering Innovation*, **2017**, 8, 12	0.9	5
57	Microwave dielectric permittivity and photoluminescence of Eu2O3 doped laser heated pedestal growth Ta2O5 fibers. *Applied Physics Letters*, **2008**, 92, 252904	3.4	5
56	Fabry□Perot-based approach for the measurement of complex permittivity of samples inserted in resonant cavities. *Microwave and Optical Technology Letters*, **2004**, 43, 106-108	1.2	5
55	Percolation study by infrared thermography. *Microwave and Optical Technology Letters*, **2005**, 45, 335-337	1.2	5
54	Distribution of 1.68 eV emission from diamond films. *Journal of Applied Physics*, **1998**, 84, 2207-2211	2.5	5
53	Fractal Approach to Alternating Current Impedance Spectroscopy Studies of Carbon Nanotubes/Epoxy Polymer Composites. *Applied Microscopy*, **2017**, 47, 126-130	1.1	5
52	DFRTtoEIS: An easy approach to verify the consistency of a DFRT generated from an impedance spectrum. *Electrochimica Acta*, **2021**, 366, 137429	6.7	5
51	Thermal properties and electric modulus approach to the analysis of dielectric relaxation of nanocomposites based on carbon dots. *Polymer Composites*, **2019**, 40, 4650-4657	3	4
50	Classical and Relaxor Ferroelectric Behavior of Titanate of Barium and Zirconium Ceramics. *Spectroscopy Letters*, **2014**, 47, 404-410	1.1	4
49	Modeling microwave dielectric properties of polymer composites using the interphase approach. *Journal of Electromagnetic Waves and Applications*, **2017**, 31, 1343-1352	1.3	4
48	Mechanical and Electrical Properties of Styrene-Isoprene-Styrene Copolymer Doped with Expanded Graphite Nanoplatelets. *Journal of Nanomaterials*, **2015**, 2015, 1-9	3.2	4
47	Self-standing elastomeric composites based on lithium ferrites and their dielectric behavior. *Journal of Applied Physics*, **2014**, 116, 224102	2.5	4
46	Double relaxation processes in the glass system xEu2O3□PbO□2B2O3 studied by broadband dielectric spectroscopy. *Journal of Non-Crystalline Solids*, **2011**, 357, 2178-2181	3.9	4

45	Physical properties of CaCu3Ti4O12 obtained from different EDTA-gel derived powders. *Physica Status Solidi (A) Applications and Materials Science*, **2011**, 208, 2284-2287	1.6	4
44	Dielectric and structural properties of SiO2-LiFe5O8 glass□ceramics prepared by sol□gel processing. *Journal of Non-Crystalline Solids*, **2010**, 356, 607-610	3.9	4
43	PTCR effect in polymer composites. *Journal of Materials Science Letters*, **2003**, 22, 699-700		4
42	Structural, morphological and dielectric properties of ErNbO4 prepared by the sol-gel method. *Journal of Physics and Chemistry of Solids*, **2020**, 146, 109619	3.9	4
41	Barium titanate containing glass-ceramics - The effect of phase composition and microstructure on dielectric properties. *Ceramics International*, **2020**, 46, 24585-24591	5.1	4
40	Effects of Zr and Ga doping on the stoichiometry and properties of niobium oxides. *Ceramics International*, **2016**, 42, 1688-1697	5.1	4
39	Microwave Dielectric Properties of CCTO/PVA Composites. *Advances in Materials Science and Engineering*, **2018**, 2018, 1-7	1.5	4
38	Fractal structure and temperature-dependent electrical study of carbon nanotubes/epoxy polymer composites. *Spectroscopy Letters*, **2017**, 50, 183-188	1.1	3
37	Sol-Gel Synthesis, Structural Characterization and Microwave Dielectric Properties of Bismuth Niobate Modified by Iron Inclusion **2017**,		3
36	Dielectric relaxation in glass and glass-ceramic materials of the system La2O3-Gd2O3-PbO-MnO-B2O3. *International Journal of Applied Glass Science*, **2019**, 10, 75-82	1.8	3
35	Dielectric method for the determination of aw. *Food Chemistry*, **2003**, 82, 73-77	8.5	3
34	High temperatures (>1000 □C) monitoring during the sintering process in microwave oven using RFBGs. *Optical and Quantum Electronics*, **2016**, 48, 1	2.4	3
33	Influence of pyrochlore phase on the dielectric properties of the bismuth niobate system. *Materials Science and Engineering B: Solid-State Materials for Advanced Technology*, **2021**, 263, 114880	3.1	3
32	Dielectric and magnetic properties of a yttrium ferrite/calcium copper titanate composite. *Spectroscopy Letters*, **2017**, 50, 206-213	1.1	2
31	Photoluminescence in europium ion□substituted bismuth niobate particles. *Spectroscopy Letters*, **2017**, 50, 285-288	1.1	2
30	Microwave dielectric properties of sodium ferrite. *International Journal of Materials Engineering Innovation*, **2017**, 8, 87	0.9	2
29	Spectroscopy of radiation defects in rutile TiO2. *Physica Status Solidi (B): Basic Research*, **2013**, 250, 843-849	1.5	2
28	Dielectric properties of ternary melt processed blends. *Journal of Non-Crystalline Solids*, **2008**, 354, 5323-5325	3.9	2

27	Resonant cavity for the measurement of microwave magnetic permeability using the small perturbation theory. *Microwave and Optical Technology Letters*, **2008**, 50, 399-402	1.2	2
26	Dielectric Properties of PMMA/PPy Composite Materials. *NATO Science for Peace and Security Series B: Physics and Biophysics*, **2020**, 259-271	0.2	2
25	Investigation of dielectric relaxation phenomena and AC electrical conductivity in graphite/carbon nanotubes/engine oil nanofluids. *Journal of Reinforced Plastics and Composites*, **2020**, 073168442095185	2.9	2
24	Bi2O3TiO2Nd2O3 lead-free material for microwave device applications. *International Journal of Applied Glass Science*, **2019**, 10, 202-207	1.8	2
23	Simulating electromagnetic field inside cavities charged with dielectric materials. *International Journal of Materials Engineering Innovation*, **2014**, 5, 336	0.9	1
22	Evaluating severe noise interference in IEEE 802.15.4 based location systems **2008**,		1
21	Microwave dielectric properties of glasses in the system xRe2O3.PbO.2B2O3 (x 0.30; Re = Gd, Nd). *Journal of Materials Science Letters*, **2003**, 22, 123-125		1
20	Microwave dielectric properties of glass-reinforced polymers. *E-Polymers*, **2005**, 5,	2.7	1
19	Temperature Effect on Dielectric Properties of Heterogeneous Material Based on Carbon Black Loaded Copolymer Nanocomposite. *NATO Science for Peace and Security Series B: Physics and Biophysics*, **2020**, 291-302	0.2	1
18	Dielectric Characterization of (Bi1-xFex)NbO4 Ceramics Prepared by Wet-Chemical Route. *NATO Science for Peace and Security Series B: Physics and Biophysics*, **2020**, 107-120	0.2	1
17	Microstructure and electrical conduction of iron-doped barium titanate glass-ceramics. *Journal of Non-Crystalline Solids*, **2021**, 560, 120711	3.9	1
16	A structurally modified 85SiO29P2O58TiO2 system and its dynamic dielectric behavior8 starting point for hydrogen detection. *Journal of Materials Research and Technology*, **2021**, 10, 624-631	5.5	1
15	Dielectric Properties of Bismuth Niobate Ceramics **2018**,		1
14	Lignosulfonate-Based Conducting Flexible Polymeric Membranes for Liquid Sensing Applications. *Materials*, **2021**, 14,	3.5	1
13	Structural characterization of Brazilian niobium pentoxide and treatment to obtain the single phase (H-Nb2O5). *Thermal Science and Engineering Progress*, **2021**, 25, 101015	3.6	1
12	Relaxation processes in TiO2V2O5B2O5 glass-ceramics. *Ceramics International*, **2021**, 47, 29047-29054	5.1	1
11	Microwave versus conventional porcelain firing: Colour analysis. *Materials Chemistry and Physics*, **2022**, 275, 125265	4.4	1
10	Performance Enhancement of the Dielectric Properties of Sn-Doped Ba0.8Sr0.2TiO3 Perovskite. *Journal of Electronic Materials*, **2016**, 45, 5074-5081	1.9	0

9	Processing, structural and electric properties of CaCu3Ti4O12 (CCTO) doped with GeO2. *International Journal of Nanomanufacturing*, **2010**, 5, 25	0.7	0
8	Interphase approach for modeling the DC conductivity of diverse allotropic types of carbon-reinforced polymer composites. *Journal of Reinforced Plastics and Composites*, **2020**, 07316844209732	2.9	0
7	Processing, Rheology, and Electrical Properties of Polymer/Nanocarbon Black Composites **2016**, 431-451		
6	CONJUGATION OF OPTICAL AND MICROWAVE TECHNIQUES TO MONITOR THE EARLY AGE CONCRETE CURE. *Instrumentation Science and Technology*, **2013**, 41, 117-124	1.4	
5	Dielectric Properties of Polymers at Low Temperatures **2013**, 161-179		
4	Impedance Spectroscopy: Concepts and Applications. *NATO Science for Peace and Security Series B: Physics and Biophysics*, **2020**, 85-93	0.2	
3	Electrical Properties in PMMA/Carbon-Dots Nanocomposite Films Below the Percolation Threshold. *NATO Science for Peace and Security Series B: Physics and Biophysics*, **2020**, 235-250	0.2	
2	Global insight into microwave stoneware firing: Macro and microstructural changes. *International Journal of Applied Ceramic Technology*, **2021**, 18, 1801-1813	2	
1	Electrical and dielectric analysis of lithium chloride mixed sodium and lithium phosphate glasses. *International Journal of Applied Glass Science*, **2018**, 9, 333-343	1.8	