

Antonio Cassinese

List of Publications by Year in descending order

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152
papers

2,155
citations

279798

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155
all docs

155
docs citations

155
times ranked

2849
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental and theoretical investigation of optical, structural, and electronic properties of C_3N_3 . <i>Journal of Applied Physics</i> , 2011, 110, 114305.	3.2	128
2	Microfluidics analysis of red blood cell membrane viscoelasticity. <i>Lab on A Chip</i> , 2011, 11, 449-454.	6.0	114
3	Stem cell-compatible eumelanin biointerface fabricated by chemically controlled solid state polymerization. <i>Materials Horizons</i> , 2015, 2, 212-220.	12.2	97
4	Temperature dependence of the penetration depth in $Nd_{1.85}Ce_{0.15}CuO_4$ superconducting thin films. <i>Physical Review B</i> , 1994, 49, 6392-6394.	3.2	78
5	Electrical transport properties characterization of PVK (poly N-vinylcarbazole) for electroluminescent devices applications. <i>Solid-State Electronics</i> , 2007, 51, 123-129.	1.4	72
6	Transport Property and Charge Trap Comparison for N-Channel Perylene Diimide Transistors with Different Air-Stability. <i>Journal of Physical Chemistry C</i> , 2010, 114, 20387-20393.	3.1	51
7	Microconfined flow behavior of red blood cells. <i>Medical Engineering and Physics</i> , 2016, 38, 11-16.	1.7	49
8	YBa ₂ Cu ₃ O ₇ microwave resonators for strong collective coupling with spin ensembles. <i>Applied Physics Letters</i> , 2015, 106, .	3.3	45
9	Matrix-Assisted Pulsed Laser Evaporation of polythiophene films. <i>Thin Solid Films</i> , 2008, 516, 1594-1598.	1.8	42
10	Perylene diimides functionalized with N-thiadiazole substituents: Synthesis and electronic properties in OFET devices. <i>Organic Electronics</i> , 2012, 13, 2083-2093.	2.6	39
11	Coherently coupling distinct spin ensembles through a high- T_c superconducting resonator. <i>Physical Review A</i> , 2016, 93, .	3.9	39
12	Field-effect tuning of carrier density in $Nd_{1.2}Ba_{1.8}Cu_3O_y$ thin films. <i>Applied Physics Letters</i> , 2004, 84, 3933-3935.	3.3	34
13	Organic film thickness influence on the bias stress instability in α -sexithiophene field effect transistors. <i>Applied Physics A: Materials Science and Processing</i> , 2009, 96, 481-487.	2.3	33
14	Transport properties of ZrN superconducting films. <i>Physical Review B</i> , 2000, 62, 13915-13918.	3.2	32
15	Very low bias stress in n -type organic single-crystal transistors. <i>Applied Physics Letters</i> , 2012, 100, .	3.3	32
16	Relation between normal-state and superconductive properties of niobium sputtered films. <i>Physical Review B</i> , 1995, 52, 4473-4476.	3.2	29
17	Contact-resistance effects in PDI8-CN ₂ n-type thin-film transistors investigated by Kelvin-probe potentiometry. <i>Organic Electronics</i> , 2016, 28, 299-305.	2.6	29
18	Regioregular poly[3-(4-alkoxyphenyl)thiophene]s. <i>Journal of Polymer Science Part A</i> , 2007, 45, 1758-1770.	2.3	28

#	ARTICLE	IF	CITATIONS
19	Investigation on bias stress effects in n-type PDI8-CN2 thin-film transistors. <i>Organic Electronics</i> , 2012, 13, 2281-2289.	2.6	27
20	Monitoring emulsion microstructure by using organic electrochemical transistors. <i>Journal of Materials Chemistry C</i> , 2017, 5, 2056-2065.	5.5	27
21	Electron injection barrier and energy-level alignment at the Au/PDI8-CN2 interface via current-voltage measurements and ballistic emission microscopy. <i>Organic Electronics</i> , 2015, 18, 44-52.	2.6	26
22	Effect of substrate temperature on MAPLE deposition of synthetic eumelanin films. <i>Applied Physics A: Materials Science and Processing</i> , 2011, 105, 619-627.	2.3	25
23	Morphological and structural properties of high quality YBCO thin films. <i>Journal of Materials Research</i> , 1995, 10, 11-17.	2.6	23
24	Nonlinear microwave properties of Nb3Sn sputtered superconducting films. <i>Journal of Applied Physics</i> , 1997, 82, 1736-1742.	2.5	23
25	Preparation and transport properties of hybrid organic-inorganic CH3NH3SnBr3 films. <i>Applied Physics A: Materials Science and Processing</i> , 2006, 86, 89-93.	2.3	23
26	Photoinduced long-term memory effects in n-type organic perylene transistors. <i>Journal of Applied Physics</i> , 2009, 106, 126105.	2.5	23
27	Inkjet printed perylene diimide based OTFTs: Effect of the solvent mixture and the printing parameters on film morphology. <i>Synthetic Metals</i> , 2012, 161, 2618-2622.	3.9	23
28	Morphology, Electrical Performance and Potentiometry of PDIF-CN2 Thin-Film Transistors on HMDS-Treated and Bare Silicon Dioxide. <i>Electronics (Switzerland)</i> , 2014, 3, 76-86.	3.1	23
29	Matrix assisted pulsed laser deposition of melanin thin films. <i>Journal of Applied Physics</i> , 2011, 110, 026105.	2.5	22
30	Optimizing Picene Molecular Assembling by Supersonic Molecular Beam Deposition. <i>Journal of Physical Chemistry C</i> , 2012, 116, 24503-24511.	3.1	22
31	Addressing the use of PDIF-CN2 molecules in the development of n-type organic field-effect transistors for biosensing applications. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013, 1830, 4365-4373.	2.4	22
32	Current distribution effects in organic sexithiophene field effect transistors investigated by lock-in thermography: Mobility evaluation issues. <i>Applied Physics Letters</i> , 2008, 93, .	3.3	21
33	Tuning polymorphism in 2,3-thienoimide capped oligothiophene based field-effect transistors by implementing vacuum and solution deposition methods. <i>Journal of Materials Chemistry C</i> , 2018, 6, 5601-5608.	5.5	21
34	Properties of YNi2B2C superconducting thin films. <i>Physical Review B</i> , 1997, 56, 934-939.	3.2	20
35	Miniaturized Superconducting Filter Realized by Using Dual-Mode and Stepped Resonators. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2004, 52, 97-104.	4.6	19
36	Transport properties of Nd1.2Ba1.8Cu3OZultrathin films by field-effect doping. <i>Physical Review B</i> , 2004, 70, .	3.2	18

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37	High mobility <i>n</i> -type organic thin-film transistors deposited at room temperature by supersonic molecular beam deposition. <i>Applied Physics Letters</i> , 2014, 104, .	3.3	18
38	Transistors fabricated using the single crystals of [8]phenacene. <i>Journal of Materials Chemistry C</i> , 2015, 3, 7370-7378.	5.5	18
39	Dual mode cross slotted filter realized with double-sided Tl ₂ Ba ₂ CaCu ₂ O ₈ films grown by MOCVD. <i>Superconductor Science and Technology</i> , 2001, 14, 406-412.	3.5	17
40	Quantitative analysis of charge-carrier trapping in organic thin-film transistors from transfer characteristics. <i>Applied Physics A: Materials Science and Processing</i> , 2009, 95, 55-60.	2.3	17
41	Insights into thermal degradation of organic light emitting diodes induced by glass transition through impedance spectroscopy. <i>Journal of Applied Physics</i> , 2009, 105, .	2.5	17
42	Synthesis and characterization of La _{2-x} Ba _x CuO ₄ thin film through a simple MOCVD approach. <i>Journal of Materials Chemistry</i> , 2005, 15, 4718.	6.7	15
43	Chemisorption, Morphology, and Structure of a <i>n</i> -Type Perylene Diimide Derivative at the Interface with Gold: Influence on Devices from Thin Films to Single Molecules. <i>Chemistry - A European Journal</i> , 2015, 21, 3766-3771.	3.3	15
44	Three-dimensional characterization of OTFT on modified hydrophobic flexible polymeric substrate by low energy Cs ⁺ ion sputtering. <i>Applied Surface Science</i> , 2018, 448, 628-635.	6.1	15
45	Gravure printed organic thin film transistors: Study on the ink printability improvement. <i>Organic Electronics</i> , 2018, 61, 104-112.	2.6	15
46	Novel Thienyl DPP derivatives Functionalized with Terminal Electron-Acceptor Groups: Synthesis, Optical Properties and OFET Performance. <i>Chemistry - A European Journal</i> , 2022, 28, .	3.3	15
47	Superconducting gap anisotropy of LuNi ₂ B ₂ C thin films from microwave surface impedance measurements. <i>Physical Review B</i> , 2001, 64, .	3.2	14
48	Direct current and alternating current electrical transport properties of regioregular poly[3-(4-alkoxyphenyl)-thiophenes]. <i>Journal of Applied Physics</i> , 2007, 102, 093712.	2.5	14
49	Low temperature electric transport properties in hydrogenated microcrystalline silicon films. <i>Thin Solid Films</i> , 2007, 515, 7629-7633.	1.8	14
50	Dicyanoperylene-diimide thin-film growth: a combined optical and morphological study. <i>Applied Physics A: Materials Science and Processing</i> , 2011, 104, 39-46.	2.3	14
51	Strong-coupling effects on the temperature dependence of penetration depth in YBa ₂ Cu ₃ O _{7-x} thin films near T _c . <i>Physical Review B</i> , 1997, 56, 7874-7877.	3.2	13
52	Superconducting antennas for telecommunication applications based on dual mode cross slotted patches. <i>Physica C: Superconductivity and Its Applications</i> , 2002, 372-376, 500-503.	1.2	13
53	Matrix-Assisted Pulsed Laser Thin Film Deposition by Using Nd:YAG Laser. <i>Journal of Nanomaterials</i> , 2012, 2012, 1-9.	2.7	13
54	Electrical characterization of flame-soot nanoparticle thin films. <i>Synthetic Metals</i> , 2017, 229, 89-99.	3.9	13

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55	Perylene-Diimide Molecules with Cyano Functionalization for Electron-Transporting Transistors. <i>Electronics (Switzerland)</i> , 2019, 8, 249.	3.1	13
56	A metal-organic chemical vapor deposition approach to double-sided Tl ₂ Ba ₂ Ca ₁ Cu ₂ O ₈ superconducting films on LaAlO ₃ (100) substrates. <i>Journal of Materials Chemistry</i> , 2002, 12, 3728-3732.	6.7	12
57	Bias stress instability in organic transistors investigated by ac admittance measurements. <i>Journal of Applied Physics</i> , 2010, 107, 114508.	2.5	12
58	Surface doping in T ₆ /PDI-8CN ₂ heterostructures investigated by transport and photoemission measurements. <i>Applied Physics Letters</i> , 2012, 101, .	3.3	12
59	Scanning Kelvin Probe Microscopy investigation of the contact resistances and charge mobility in n-type PDI ₈ -CN ₂ thin-film transistors. <i>Organic Electronics</i> , 2018, 52, 206-212.	2.6	12
60	Nb ₃ Sn films on sapphire. A promising alternative for superconductive microwave technology. <i>IEEE Transactions on Applied Superconductivity</i> , 1999, 9, 2496-2499.	1.7	11
61	Dual mode cross-slotted filters realized with superconducting films. <i>Applied Physics Letters</i> , 2000, 77, 4407-4409.	3.3	11
62	Ambipolar transport and charge transfer at the interface between sexithiophene and N,N-bis(n-octyl)-dicyanoperylene diimide films. <i>Physical Review B</i> , 2012, 85, .	3.2	11
63	Single-Molecule Break Junctions Based on a Perylene-Diimide Cyano-Functionalized (PDI ₈ -CN ₂) Derivative. <i>Nanoscale Research Letters</i> , 2015, 10, 1011.	5.7	11
64	Melanin-Inspired Organic Electronics: Electroluminescence in Asymmetric Triazatruxenes. <i>ChemPlusChem</i> , 2015, 80, 919-927.	2.8	11
65	Eumelanin-Based Organic Bioelectronics: Myth or Reality?. <i>MRS Advances</i> , 2016, 1, 3801-3810.	0.9	11
66	Subnanometer Resolution and Enhanced Friction Contrast at the Surface of Perylene Diimide PDI ₈ -CN ₂ Thin Films in Ambient Conditions. <i>Langmuir</i> , 2018, 34, 3207-3214.	3.5	11
67	Novel DPP derivatives functionalized with auxiliary electron-acceptor groups and characterized by narrow bandgap and ambipolar charge transport properties. <i>Dyes and Pigments</i> , 2021, 186, 109026.	3.7	11
68	Nonlinear Power Handling of YBa ₂ Cu ₃ O _{7-x} Films and Microwave Devices. <i>Journal of Superconductivity and Novel Magnetism</i> , 1999, 12, 343-351.	0.5	10
69	Real-time monitoring of self-assembling worm-like micelle formation by organic transistors. <i>RSC Advances</i> , 2015, 5, 16554-16561.	3.6	10
70	Photophysics of Pentacene-Doped Picene Thin Films. <i>Journal of Physical Chemistry C</i> , 2018, 122, 16879-16886.	3.1	10
71	Dual mode superconducting planar filters based on slotted square resonators. <i>IEEE Transactions on Applied Superconductivity</i> , 2001, 11, 473-476.	1.7	9
72	Novel MOCVD approach to the low pressure in situ growth of TlBa ₂ CaCu ₂ O ₇ films. <i>Physica C: Superconductivity and Its Applications</i> , 2004, 408-410, 894-895.	1.2	9

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73	Improved structural ordering in sexithiophene thick films grown on single crystal oxide substrates. Applied Physics A: Materials Science and Processing, 2009, 97, 387-394.	2.3	9
74	Substrate temperature dependence of the structure of polythiophene thin films obtained by Matrix Assisted Pulsed Laser Evaporation (MAPLE). EPJ Applied Physics, 2009, 48, 10505.	0.7	9
75	Cell viability studies and operation in cellular culture medium of n-type organic field-effect transistors. Journal of Applied Physics, 2012, 111, 034702.	2.5	9
76	Spontaneous Wetting Dynamics in Perylene Diimide n-Type Thin Films Deposited at Room Temperature by Supersonic Molecular Beam. Journal of Physical Chemistry C, 2016, 120, 26076-26082.	3.1	9
77	Superconducting filters based on mixed resonators. Superconductor Science and Technology, 2003, 16, 407-411.	3.5	8
78	Manganite/Alq ₃ interfaces investigated by impedance spectroscopy technique. Organic Electronics, 2008, 9, 911-915.	2.6	8
79	Bias stress effects investigated in charge depletion and accumulation regimes for inkjet-printed perylene diimide organic transistors. Synthetic Metals, 2013, 176, 121-127.	3.9	8
80	Structural, electronic and vibrational properties of N,N'-1H,1H-perfluorobutyl dicyanoperylene-carboxydiimide (PDI-FCN2) crystal. Journal of Chemical Physics, 2013, 139, 114507.	3.0	8
81	Balanced Ambipolar Charge Transport in Phenacene/Perylene Heterojunction-Based Organic Field-Effect Transistors. ACS Applied Materials & Interfaces, 2021, 13, 8631-8642.	8.0	8
82	Surface impedance measurements of superconducting V ₃ Si films by a microstrip resonator technique. Journal of Applied Physics, 1995, 78, 1862-1865.	2.5	7
83	Microwave measurements of superconducting Nb ₃ /Sn films by a microstrip resonator technique. IEEE Transactions on Applied Superconductivity, 1997, 7, 1772-1775.	1.7	7
84	Superconducting properties of YNdBaCuO and NdBaCuO thin films deposited by dc sputtering. IEEE Transactions on Applied Superconductivity, 2001, 11, 3201-3204.	1.7	7
85	Study of the microwave electrodynamic response of MgB ₂ thin films. Physica C: Superconductivity and Its Applications, 2002, 372-376, 1287-1290.	1.2	7
86	Phase transitions and aging phenomena in dielectriclike polymeric materials investigated by ac measurements. Journal of Applied Physics, 2007, 101, 044910.	2.5	7
87	ac electrical investigation of polysilsesquioxanic films used as humidity sensors. Journal of Applied Physics, 2008, 103, 054511.	2.5	7
88	Linear conduction in N-type organic field effect transistors with nanometric channel lengths and graphene as electrodes. Applied Physics Letters, 2018, 112, .	3.3	7
89	Post-Deposition Wetting and Instabilities in Organic Thin Films by Supersonic Molecular Beam Deposition. Scientific Reports, 2018, 8, 12015.	3.3	7
90	Suppression of the morphology mismatch at graphene/n-type organic semiconductor interfaces: a scanning Kelvin probe force microscopy investigation. Journal of Materials Chemistry C, 2020, 8, 8145-8154.	5.5	7

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91	Superconducting miniaturized antennas based on dual-mode cross-slotted patches. <i>Superconductor Science and Technology</i> , 2002, 15, 581-585.	3.5	6
92	Superconducting dual-mode dual-stage cross-slotted filters. <i>Microwave and Optical Technology Letters</i> , 2002, 33, 389-392.	1.4	6
93	Growth and characterization of hybrid $(\text{C}_n\text{H}_{2n+1}\text{NH}_3)_2\text{CuCl}_4$ self-assembled films. <i>Crystal Research and Technology</i> , 2005, 40, 1028-1032.	1.3	6
94	Electrical Bistability in Conductive Hybrid Composites of Doped Polyaniline Nanofibers-Gold Nanoparticles Capped with Dodecane Thiol. <i>Journal of Nanoscience and Nanotechnology</i> , 2009, 9, 6307-6314.	0.9	6
95	Ballistic electron and photocurrent transport in Au/organic/Si(001) diodes with PD18-CN2 interlayers. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2016, 34, 041212.	1.2	6
96	Evaluating the use of graphene electrodes in sub-micrometric, high-frequency n-type organic transistors. <i>Synthetic Metals</i> , 2021, 273, 116683.	3.9	6
97	Organic electrochemical transistors as novel biosensing platforms to study the electrical response of whole blood and plasma. <i>Journal of Materials Chemistry B</i> , 2021, 10, 87-95.	5.8	6
98	Microwave properties of $\text{RE}\text{-Ni}_2\text{B}_2\text{C}$ (RE=Y, Er) superconducting thin films. <i>Physica C: Superconductivity and Its Applications</i> , 1999, 319, 141-149.	1.2	5
99	Scanning Hall probe measurements on single- and double-sided sputtered YBCO films for microwave applications. <i>IEEE Transactions on Applied Superconductivity</i> , 1999, 9, 1960-1963.	1.7	5
100	Synthesis and microwave properties of $\text{Tl}_2\text{Ba}_2\text{CaCu}_2\text{O}_8$ superconducting films grown by MOCVD. <i>European Physical Journal B</i> , 2000, 18, 405-411.	1.5	5
101	Superconducting Planar Filters Using Dual-Mode Cross-Slotted Square Resonators. <i>Journal of Superconductivity and Novel Magnetism</i> , 2001, 14, 127-132.	0.5	5
102	Hybrid organic-inorganic porous semiconductor transducer for multi-parameters sensing. <i>Journal of the Royal Society Interface</i> , 2015, 12, 20141268.	3.4	5
103	Microwave intermodulation study of $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ films in the presence of an external d.c. magnetic field. <i>Physica C: Superconductivity and Its Applications</i> , 2000, 341-348, 2687-2688.	1.2	4
104	Development of L-band and C-band superconducting planar filters for wireless systems. , 0, , .		4
105	Superconducting resonators for telecommunication application based on fractal layout. <i>Superconductor Science and Technology</i> , 2004, 17, S427-S431.	3.5	4
106	Observation and explanation of critical current anomalous peaks in transport measurements of YBCO coated conductors. <i>Superconductor Science and Technology</i> , 2004, 17, L38-L40.	3.5	4
107	Design and Development of a Prototype of Hybrid Superconducting Receiver Front-End for UMTS Wireless Network: First Results and Application Perspectives. <i>IEEE Transactions on Applied Superconductivity</i> , 2005, 15, 988-991.	1.7	4
108	Field Effect Devices Based on SrTiO_3 Gate Dielectrics for the Investigation of Charge Carrier Mobility in Macromolecular Films. <i>Macromolecular Symposia</i> , 2006, 234, 1-6.	0.7	4

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109	An Electric Criterion to Evaluate Glass Transition Temperature: Dielectric Relaxation Measurements. <i>Macromolecular Symposia</i> , 2007, 247, 43-49.	0.7	4
110	Towards the realization of label-free biosensors through impedance spectroscopy integrated with IDES technology. <i>European Biophysics Journal</i> , 2012, 41, 249-256.	2.2	4
111	Cardiomyocyte Differentiation of Embryonic Stem Cells on the Surface of Organic Semiconductors. <i>International Journal of Artificial Organs</i> , 2013, 36, 426-433.	1.4	4
112	Electronic properties of the n-type PDI8-CN ₂ organic semiconductor at the interface with SiO ₂ : addressing the role of adsorbed water molecules by means of optical second-harmonic generation. <i>New Journal of Physics</i> , 2014, 16, 093036.	2.9	4
113	Microwave surface impedance measurements of epitaxial Bi ₂ Sr ₂ CaCu ₂ O _{8+x} films grown by LPE. <i>Physica C: Superconductivity and Its Applications</i> , 1997, 289, 275-279.	1.2	3
114	Properties of TBCCO 2212 Thin Films for Electronic Applications. <i>International Journal of Modern Physics B</i> , 1999, 13, 1321-1326.	2.0	3
115	Properties of single- and double-sided Tl ₂ Ba ₂ CaCu ₂ O ₈ films grown by MOCVD and their potential applications to microwave devices. <i>Physica C: Superconductivity and Its Applications</i> , 2000, 341-348, 2677-2678.	1.2	3
116	Miniaturized hairpin superconducting filters for telecommunications applications. <i>Microwave and Optical Technology Letters</i> , 2002, 35, 360-362.	1.4	3
117	Fabrication of TlBa ₂ CaCu ₂ O _{7c} -Axis Oriented Films Through a Hybrid In-Situ MOCVD Process. <i>Chemical Vapor Deposition</i> , 2005, 11, 381-387.	1.3	3
118	Dependence on substrate temperature of the conformation and structure of a poly[3-(4-octyloxyphenyl)thiophene] (POOPT) thin film obtained by matrix assisted pulsed laser evaporation (MAPLE). <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2009, 206, 2166-2170.	1.8	3
119	Influence of fillers concentration on electrical properties of polystyrene matrix doped by gold nanoparticles and 8HQ. <i>European Physical Journal B</i> , 2009, 72, 113-118.	1.5	3
120	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
121	Optical properties of thermally evaporated PDI-8CN ₂ thin films. <i>Physics Procedia</i> , 2011, 14, 29-33.	1.2	3
122	Fabrication and characterization of nanoscale n-channel (PDI8-CN ₂) organic two-terminal planar devices. <i>Applied Physics A: Materials Science and Processing</i> , 2017, 123, 1.	2.3	3
123	Investigation on the Conduction Mechanisms in Metal-Base Vertical Organic Transistors by DC and LF-Noise Measurements. <i>IEEE Transactions on Electron Devices</i> , 2017, 64, 4260-4265.	3.0	3
124	Room-temperature optically detected magnetic resonance of triplet excitons in a pentacene-doped picene single crystal. <i>Journal of Materials Research</i> , 2022, 37, 1269-1279.	2.6	3
125	Low temperature measurements of the magnetic penetration depth in electron- and hole-doped superconducting thin films. <i>Physica C: Superconductivity and Its Applications</i> , 1994, 235-240, 1837-1838.	1.2	2
126	Effect of a temperature dependent effective quasiparticle mass on the surface impedance of YBa ₂ Cu ₃ O _{7-x} . <i>European Physical Journal B</i> , 2000, 14, 605-610.	1.5	2

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127	Electrical properties of micrometric metallic dots obtained by porous polymeric membranes. <i>European Physical Journal B</i> , 2005, 46, 497-500.	1.5	2
128	HTS miniaturized filter based on mixed resonators integrated with a two-stage low-noise amplifier. <i>Superconductor Science and Technology</i> , 2005, 18, 623-627.	3.5	2
129	Morphology and molecular orientation in sexithiophene and N,Nâ€²-bis (n-octyl)-dicyanoperylene diimide heterostructures. <i>Thin Solid Films</i> , 2012, 520, 2390-2394.	1.8	2
130	Staggered top-gate PDIF-CN2 N-type thin film transistors on flexible plastic substrates. <i>Organic Electronics</i> , 2018, 57, 226-231.	2.6	2
131	Improving the electrical performance of PDIF-CN2 bottom-gate coplanar organic thin-film transistors. <i>Applied Physics A: Materials Science and Processing</i> , 2018, 124, 1.	2.3	2
132	Homocysteine Solution-Induced Response in Aerosol Jet Printed OECTs by Means of Gold and Platinum Gate Electrodes. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11507.	4.1	2
133	Space-charge accumulation and band bending at conductive P3HT/PDIF-CN ₂ interfaces investigated by scanning-Kelvin probe microscopy. <i>Journal of Materials Chemistry C</i> , 2021, 9, 17143-17151.	5.5	2
134	HIGH POWER HANDLING SUPERCONDUCTING PLANAR FILTERS FOR TELECOMMUNICATION APPLICATIONS. <i>International Journal of Modern Physics B</i> , 2000, 14, 3092-3097.	2.0	1
135	SUPERCONDUCTING PROPERTIES OF LuNi ₂ B ₂ C THIN FILMS. <i>International Journal of Modern Physics B</i> , 2000, 14, 2743-2748.	2.0	1
136	Multi-stage dual-mode cross-slotted superconducting filters for telecommunication application. , 0, , .		1
137	In situ sputtering growth and characterization of MgB ₂ films for microwave applications. <i>IEEE Transactions on Applied Superconductivity</i> , 2003, 13, 3602-3605.	1.7	1
138	Current redistribution effects in superconducting microwave measurements. <i>Superconductor Science and Technology</i> , 2005, 18, 271-276.	3.5	1
139	Electrostatic Modulation of Conductivity in $\text{Nd}_{1.2}\text{Ba}_{1.8}\text{Cu}_3\text{O}_m$ Thin Films. <i>IEEE Transactions on Applied Superconductivity</i> , 2005, 15, 2946-2949.	1.7	1
140	Novel solâ€“gel synthesis of transparent and electrically bistable LiNbO ₃ â€“SiO ₂ nanocomposites thin films. <i>Journal of Sol-Gel Science and Technology</i> , 2009, 49, 106-111.	2.4	1
141	Low frequency noise measurements in p-type Metal-Base Vertical Organic Transistors. , 2017, , .		1
142	Magnetic penetration depth measurements on high-temperature superconducting thin films and their implications. <i>Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics</i> , 1994, 16, 1909-1915.	0.4	0
143	Fabrication and test of a YBa ₂ Cu ₃ O _{7-δ} three-pole band pass filter. <i>Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics</i> , 1997, 19, 1369-1373.	0.4	0
144	Synthesis and microwave properties of thin films of the 1:2:2:1 borocarbide superconductors YNiBC and ErNiBC. <i>IEEE Transactions on Applied Superconductivity</i> , 1999, 9, 2394-2397.	1.7	0

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145	ON THE ROLE OF Nd/Ba DISORDER ON THE SUPERCONDUCTING PROPERTIES OF $\text{Re}_1(\text{Nd}_x\text{Ba}_{2-x})\text{Cu}_3\text{O}_{7-\delta}$ (Re=Nd, Y) THIN FILMS. International Journal of Modern Physics B, 2000, 14, 2737-2742.	2.0	0
146	Surface impedance of $\text{R}_1(\text{Nd}_x\text{Ba}_{2-x})\text{Cu}_3\text{O}_{7-\delta}$ (R=Nd, Y) thin films. Physica C: Superconductivity and Its Applications, 2002, 372-376, 703-705.	1.2	0
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