

Antonio Cassinese

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	Balanced Ambipolar Charge Transport in Phenacene/Perylene Heterojunction-Based Organic Field-Effect Transistors. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 8631-8642.	8.0	8
5	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
6	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
7	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
8	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
9	Suppression of the morphology mismatch at graphene/n-type organic semiconductor interfaces: a scanning Kelvin probe force microscopy investigation. <i>Journal of Materials Chemistry C</i> , 2020, 8, 8145-8154.	5.5	7
10	Perylene-Diimide Molecules with Cyano Functionalization for Electron-Transporting Transistors. <i>Electronics (Switzerland)</i> , 2019, 8, 249.	3.1	13
11	Subnanometer Resolution and Enhanced Friction Contrast at the Surface of Perylene Diimide PDI8-CN ₂ Thin Films in Ambient Conditions. <i>Langmuir</i> , 2018, 34, 3207-3214.	3.5	11
12	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
13	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
14	Staggered top-gate PDIF-CN ₂ N-type thin film transistors on flexible plastic substrates. <i>Organic Electronics</i> , 2018, 57, 226-231.	2.6	2
15	Scanning Kelvin Probe Microscopy investigation of the contact resistances and charge mobility in n-type PDIF-CN ₂ thin-film transistors. <i>Organic Electronics</i> , 2018, 52, 206-212.	2.6	12
16	Improving the electrical performance of PDI8-CN ₂ bottom-gate coplanar organic thin-film transistors. <i>Applied Physics A: Materials Science and Processing</i> , 2018, 124, 1.	2.3	2
17	Linear conduction in N-type organic field effect transistors with nanometric channel lengths and graphene as electrodes. <i>Applied Physics Letters</i> , 2018, 112, .	3.3	7
18	Gravure printed organic thin film transistors: Study on the ink printability improvement. <i>Organic Electronics</i> , 2018, 61, 104-112.	2.6	15

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19	Photophysics of Pentacene-Doped Picene Thin Films. <i>Journal of Physical Chemistry C</i> , 2018, 122, 16879-16886.	3.1	10
20	Post-Deposition Wetting and Instabilities in Organic Thin Films by Supersonic Molecular Beam Deposition. <i>Scientific Reports</i> , 2018, 8, 12015.	3.3	7
21	Monitoring emulsion microstructure by using organic electrochemical transistors. <i>Journal of Materials Chemistry C</i> , 2017, 5, 2056-2065.	5.5	27
22	Electrical characterization of flame-soot nanoparticle thin films. <i>Synthetic Metals</i> , 2017, 229, 89-99.	3.9	13
23	Fabrication and characterization of nanoscale n-channel (PDI8-CN2) organic two-terminal planar devices. <i>Applied Physics A: Materials Science and Processing</i> , 2017, 123, 1.	2.3	3
24	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
25	Low frequency noise measurements in p-type Metal-Base Vertical Organic Transistors. , 2017, , .		1
26	Ballistic electron and photocurrent transport in Au/organic/Si(001) diodes with PDI8-CN2 interlayers. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2016, 34, 041212.	1.2	6
27	Coherently coupling distinct spin ensembles through a high- γ microwave resonator. <i>Physical Review A</i> , 2016, 93, .		
28	Spontaneous Wetting Dynamics in Perylene Diimide n-Type Thin Films Deposited at Room Temperature by Supersonic Molecular Beam. <i>Journal of Physical Chemistry C</i> , 2016, 120, 26076-26082.	3.1	9
29	Eumelanin-Based Organic Bioelectronics: Myth or Reality?. <i>MRS Advances</i> , 2016, 1, 3801-3810.	0.9	11
30	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
31	Microconfined flow behavior of red blood cells. <i>Medical Engineering and Physics</i> , 2016, 38, 11-16.	1.7	49
32	Melanin-Inspired Organic Electronics: Electroluminescence in Asymmetric Triazatruxenes. <i>ChemPlusChem</i> , 2015, 80, 898-898.	2.8	0
33	Single-Molecule Break Junctions Based on a Perylene-Diimide Cyano-Functionalized (PDI8-CN2) Derivative. <i>Nanoscale Research Letters</i> , 2015, 10, 1011.	5.7	11
34	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
35	Chemisorption, Morphology, and Structure of a n-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
36	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

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37	Hybrid organic-inorganic porous semiconductor transducer for multi-parameters sensing. Journal of the Royal Society Interface, 2015, 12, 20141268.	3.4	5
38	Transistors fabricated using the single crystals of [8]phenacene. Journal of Materials Chemistry C, 2015, 3, 7370-7378.	5.5	18
39	Melanin-Inspired Organic Electronics: Electroluminescence in Asymmetric Triazatruxenes. ChemPlusChem, 2015, 80, 919-927.	2.8	11
40	Real-time monitoring of self-assembling worm-like micelle formation by organic transistors. RSC Advances, 2015, 5, 16554-16561.	3.6	10
41	Stem cell-compatible eumelanin biointerface fabricated by chemically controlled solid state polymerization. Materials Horizons, 2015, 2, 212-220.	12.2	97
42	Morphology, Electrical Performance and Potentiometry of PDIF-CN2 Thin-Film Transistors on HMDS-Treated and Bare Silicon Dioxide. Electronics (Switzerland), 2014, 3, 76-86.	3.1	23
43	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. New Journal of Physics, 2014, 16, 093036.	2.9	4
44	High mobility n-type organic thin-film transistors deposited at room temperature by supersonic molecular beam deposition. Applied Physics Letters, 2014, 104, .	3.3	18
45	PDIF-CN2 modified porous silicon optical and electrical transducers for biochemical sensing electrical and optical sensing by porous silicon devices. , 2014, , .		0
46	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
47	Addressing the use of PDIF-CN2 molecules in the development of n-type organic field-effect transistors for biosensing applications. Biochimica Et Biophysica Acta - General Subjects, 2013, 1830, 4365-4373.	2.4	22
48	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
49	Cardiomyocyte Differentiation of Embryonic Stem Cells on the Surface of Organic Semiconductors. International Journal of Artificial Organs, 2013, 36, 426-433.	1.4	4
50	Matrix-Assisted Pulsed Laser Thin Film Deposition by Using Nd:YAG Laser. Journal of Nanomaterials, 2012, 2012, 1-9.	2.7	13
51	Surface doping in T6/PDI-8CN2 heterostructures investigated by transport and photoemission measurements. Applied Physics Letters, 2012, 101, .	3.3	12
52	Ambipolar transport and charge transfer at the interface between sexithiophene and N,N-bis(n-octyl)-dicyanoperylene diimide films. Physical Review B, 2012, 85, .	3.2	11
53	Optimizing Picene Molecular Assembling by Supersonic Molecular Beam Deposition. Journal of Physical Chemistry C, 2012, 116, 24503-24511.	3.1	22
54	Perylene diimides functionalized with N-thiadiazole substituents: Synthesis and electronic properties in OFET devices. Organic Electronics, 2012, 13, 2083-2093.	2.6	39

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55	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
56	Investigation on bias stress effects in n-type PDI8-CN2 thin-film transistors. <i>Organic Electronics</i> , 2012, 13, 2281-2289.	2.6	27
57	Cell viability studies and operation in cellular culture medium of n-type organic field-effect transistors. <i>Journal of Applied Physics</i> , 2012, 111, 034702.	2.5	9
58	Very low bias stress in n-type organic single-crystal transistors. <i>Applied Physics Letters</i> , 2012, 100, .	3.3	32
59	Morphology and molecular orientation in sexithiophene and N,N'-bis (n-octyl)-dicyanoperylene diimide heterostructures. <i>Thin Solid Films</i> , 2012, 520, 2390-2394.	1.8	2
60	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
61	Matrix assisted pulsed laser deposition of melanin thin films. <i>Journal of Applied Physics</i> , 2011, 110, 026105.	2.5	22
62	Microfluidics analysis of red blood cell membrane viscoelasticity. <i>Lab on A Chip</i> , 2011, 11, 449-454.	6.0	114
63	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
64	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
65	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
66	Optical properties of thermally evaporated PDI-8CN2 thin films. <i>Physics Procedia</i> , 2011, 14, 29-33.	1.2	3
67	Bias stress instability in organic transistors investigated by ac admittance measurements. <i>Journal of Applied Physics</i> , 2010, 107, 114508.	2.5	12
68	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
69	Analysis of Red Blood Cell Deformation in a Microfluidic Device. , 2010, , .		0
70	Novel sol-gel synthesis of transparent and electrically bistable LiNbO ₃ -SiO ₂ nanocomposites thin films. <i>Journal of Sol-Gel Science and Technology</i> , 2009, 49, 106-111.	2.4	1
71	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
72	Improved structural ordering in sexithiophene thick films grown on single crystal oxide substrates. <i>Applied Physics A: Materials Science and Processing</i> , 2009, 97, 387-394.	2.3	9

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73	Organic film thickness influence on the bias stress instability in sexithiophene field effect transistors. Applied Physics A: Materials Science and Processing, 2009, 96, 481-487.	2.3	33
74	Dependence on substrate temperature of the conformation and structure of a poly[3-(4-ethoxyphenyl)thiophene] (POOPT) thin film obtained by matrix assisted pulsed laser evaporation (MAPLE). Physica Status Solidi (A) Applications and Materials Science, 2009, 206, 2166-2170.	1.8	3
75	Influence of fillers concentration on electrical properties of polystyrene matrix doped by gold nanoparticles and 8HQ. European Physical Journal B, 2009, 72, 113-118.	1.5	3
76	Insights into thermal degradation of organic light emitting diodes induced by glass transition through impedance spectroscopy. Journal of Applied Physics, 2009, 105, .	2.5	17
77	Photoinduced long-term memory effects in n-type organic perylene transistors. Journal of Applied Physics, 2009, 106, 126105.	2.5	23
78	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
79	Electrical Bistability in Conductive Hybrid Composites of Doped Polyaniline Nanofibers-Gold Nanoparticles Capped with Dodecane Thiol. Journal of Nanoscience and Nanotechnology, 2009, 9, 6307-6314.	0.9	6
80	Matrix-Assisted Pulsed Laser Evaporation of polythiophene films. Thin Solid Films, 2008, 516, 1594-1598.	1.8	42
81	Manganite/Alq3 interfaces investigated by impedance spectroscopy technique. Organic Electronics, 2008, 9, 911-915.	2.6	8
82	Combined experimental and theoretical investigation of optical, structural, and electronic properties of C_3H_3N .	3.2	128
83	Current distribution effects in organic sexithiophene field effect transistors investigated by lock-in thermography: Mobility evaluation issues. Applied Physics Letters, 2008, 93, .	3.3	21
84	ac electrical investigation of polysilsesquioxanic films used as humidity sensors. Journal of Applied Physics, 2008, 103, 054511.	2.5	7
85	Direct current and alternating current electrical transport properties of regioregular poly[3-(4-alkoxyphenyl)-thiophenes]. Journal of Applied Physics, 2007, 102, 093712.	2.5	14
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	An Electric Criterion to Evaluate Glass Transition Temperature: Dielectric Relaxation Measurements. Macromolecular Symposia, 2007, 247, 43-49.	0.7	4
88	Electrical transport properties characterization of PVK (poly N-vinylcarbazole) for electroluminescent devices applications. Solid-State Electronics, 2007, 51, 123-129.	1.4	72
89	Low temperature electric transport properties in hydrogenated microcrystalline silicon films. Thin Solid Films, 2007, 515, 7629-7633.	1.8	14
90	Regioregular poly[3-(4-alkoxyphenyl)thiophene]s. Journal of Polymer Science Part A, 2007, 45, 1758-1770.	2.3	28

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91	Current redistribution effects on superconducting d.c. and microwave measurements. Journal of Physics: Conference Series, 2006, 43, 317-320.	0.4	0
92	Preparation and transport properties of hybrid organic-inorganic $\text{CH}_3\text{NH}_3\text{SnBr}_3$ films. Applied Physics A: Materials Science and Processing, 2006, 86, 89-93.	2.3	23
93	Field Effect Devices Based on SrTiO_3 Gate Dielectrics for the Investigation of Charge Carrier Mobility in Macromolecular Films. Macromolecular Symposia, 2006, 234, 1-6.	0.7	4
94	Electrical properties of micrometric metallic dots obtained by porous polymeric membranes. European Physical Journal B, 2005, 46, 497-500.	1.5	2
95	Growth and characterization of hybrid $(\text{C}_n\text{H}_{2n+1}\text{NH}_3)_2\text{CuCl}_4$ self-assembled films. Crystal Research and Technology, 2005, 40, 1028-1032.	1.3	6
96	Fabrication of $\text{TlBa}_2\text{CaCu}_2\text{O}_7$ c-Axis Oriented Films Through a Hybrid In-Situ MOCVD Process. Chemical Vapor Deposition, 2005, 11, 381-387.	1.3	3
97	HTS miniaturized filter based on mixed resonators integrated with a two-stage low-noise amplifier. Superconductor Science and Technology, 2005, 18, 623-627.	3.5	2
98	Current redistribution effects in superconducting microwave measurements. Superconductor Science and Technology, 2005, 18, 271-276.	3.5	1
99	Electrostatic Modulation of Conductivity in $\text{Nd}_{1.2}\text{Ba}_{1.8}\text{Cu}_3\text{O}_y$ Thin Films. IEEE Transactions on Applied Superconductivity, 2005, 15, 2946-2949.	1.7	1
100	Design and Development of a Prototype of Hybrid Superconducting Receiver Front-End for UMTS Wireless Network: First Results and Application Perspectives. IEEE Transactions on Applied Superconductivity, 2005, 15, 988-991.	1.7	4
101	Synthesis and characterization of $\text{La}_{2-x}\text{Ba}_x\text{CuO}_4$ thin film through a simple MOCVD approach. Journal of Materials Chemistry, 2005, 15, 4718.	6.7	15
102	Superconducting resonators for telecommunication application based on fractal layout. Superconductor Science and Technology, 2004, 17, S427-S431.	3.5	4
103	Observation and explanation of critical current anomalous peaks in transport measurements of YBCO coated conductors. Superconductor Science and Technology, 2004, 17, L38-L40.	3.5	4
104	Field-effect tuning of carrier density in $\text{Nd}_{1.2}\text{Ba}_{1.8}\text{Cu}_3\text{O}_y$ thin films. Applied Physics Letters, 2004, 84, 3933-3935.	3.3	34
105	Transport properties of $\text{Nd}_{1.2}\text{Ba}_{1.8}\text{Cu}_3\text{O}_y$ ultrathin films by field-effect doping. Physical Review B, 2004, 70, .	3.2	18
106	Novel MOCVD approach to the low pressure in situ growth of $\text{TlBa}_2\text{CaCu}_2\text{O}_7$ films. Physica C: Superconductivity and Its Applications, 2004, 408-410, 894-895.	1.2	9
107	Miniaturized Superconducting Filter Realized by Using Dual-Mode and Stepped Resonators. IEEE Transactions on Microwave Theory and Techniques, 2004, 52, 97-104.	4.6	19
108	In situ sputtering growth and characterization of MgB_2 films for microwave applications. IEEE Transactions on Applied Superconductivity, 2003, 13, 3602-3605.	1.7	1

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109	Superconducting filters based on mixed resonators. Superconductor Science and Technology, 2003, 16, 407-411.	3.5	8
110	Superconducting miniaturized antennas based on dual-mode cross-slotted patches. Superconductor Science and Technology, 2002, 15, 581-585.	3.5	6
111	A metal-organic chemical vapor deposition approach to double-sided $Tl_2Ba_2Ca_1Cu_2O_8$ superconducting films on $LaAlO_3(100)$ substrates. Journal of Materials Chemistry, 2002, 12, 3728-3732.	6.7	12
112	Superconducting dual-mode dual-stage cross-slotted filters. Microwave and Optical Technology Letters, 2002, 33, 389-392.	1.4	6
113	Miniaturized hairpin superconducting filters for telecommunications applications. Microwave and Optical Technology Letters, 2002, 35, 360-362.	1.4	3
114	Superconducting antennas for telecommunication applications based on dual mode cross slotted patches. Physica C: Superconductivity and Its Applications, 2002, 372-376, 500-503.	1.2	13
115	Surface impedance of $R_1(Nd_xBa_{2-x})Cu_3O_{7-y}$ ($R=Nd, Y$) thin films. Physica C: Superconductivity and Its Applications, 2002, 372-376, 703-705.	1.2	0
116	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
117	Superconducting properties of $YNdBaCuO$ and $NdBaCuO$ thin films deposited by dc sputtering. IEEE Transactions on Applied Superconductivity, 2001, 11, 3201-3204.	1.7	7
118	Superconducting Planar Filters Using Dual-Mode Cross-Slotted Square Resonators. Journal of Superconductivity and Novel Magnetism, 2001, 14, 127-132.	0.5	5
119	Dual mode cross slotted filter realized with double-sided $Tl_2Ba_2CaCu_2O_8$ films grown by MOCVD. Superconductor Science and Technology, 2001, 14, 406-412.	3.5	17
120	Superconducting gap anisotropy of $LuNi_2B_2C$ thin films from microwave surface impedance measurements. Physical Review B, 2001, 64, .	3.2	14
121	Dual mode superconducting planar filters based on slotted square resonators. IEEE Transactions on Applied Superconductivity, 2001, 11, 473-476.	1.7	9
122	Borocarbide Thin Films and Tunneling Measurements. , 2001, , 357-362.		0
123	Properties of single- and double-sided $Tl_2Ba_2CaCu_2O_8$ films grown by MOCVD and their potential applications to microwave devices. Physica C: Superconductivity and Its Applications, 2000, 341-348, 2677-2678.	1.2	3
124	Microwave intermodulation study of $YBa_2Cu_3O_{7-x}$ films in the presence of an external d.c. magnetic field. Physica C: Superconductivity and Its Applications, 2000, 341-348, 2687-2688.	1.2	4
125	Synthesis and microwave properties of $Tl_2Ba_2CaCu_2O_8$ superconducting films grown by MOCVD. European Physical Journal B, 2000, 18, 405-411.	1.5	5
126	Effect of a temperature dependent effective quasiparticle mass on the surface impedance of $YBa_2Cu_3O_{7-x}$. European Physical Journal B, 2000, 14, 605-610.	1.5	2

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127	HIGH POWER HANDLING SUPERCONDUCTING PLANAR FILTERS FOR TELECOMMUNICATION APPLICATIONS. International Journal of Modern Physics B, 2000, 14, 3092-3097.	2.0	1
128	SUPERCONDUCTING PROPERTIES OF LuNi ₂ B ₂ C THIN FILMS. International Journal of Modern Physics B, 2000, 14, 2743-2748.	2.0	1
129	Dual mode cross-slotted filters realized with superconducting films. Applied Physics Letters, 2000, 77, 4407-4409.	3.3	11
130	Transport properties of ZrN superconducting films. Physical Review B, 2000, 62, 13915-13918.	3.2	32
131	ON THE ROLE OF Nd/Ba DISORDER ON THE SUPERCONDUCTING PROPERTIES OF Re ₁ (Nd _x Ba _{2-x})Cu ₃ O _{7-δ} (Re=Nd, Y) THIN FILMS. International Journal of Modern Physics B, 2000, 14, 2737-2742.	2.0	0
132	Properties of TBCCO 2212 Thin Films for Electronic Applications. International Journal of Modern Physics B, 1999, 13, 1321-1326.	2.0	3
133	Nb/sub 3/Sn films on sapphire. A promising alternative for superconductive microwave technology. IEEE Transactions on Applied Superconductivity, 1999, 9, 2496-2499.	1.7	11
134	Microwave properties of REâ€“Ni ₂ B ₂ C (RE=Y, Er) superconducting thin films. Physica C: Superconductivity and Its Applications, 1999, 319, 141-149.	1.2	5
135	Nonlinear Power Handling of YBa ₂ Cu ₃ O _{7-δ} Films and Microwave Devices. Journal of Superconductivity and Novel Magnetism, 1999, 12, 343-351.	0.5	10
136	Scanning Hall probe measurements on single- and double-sided sputtered YBCO films for microwave applications. IEEE Transactions on Applied Superconductivity, 1999, 9, 1960-1963.	1.7	5
137	Synthesis and microwave properties of thin films of the 1:2:2:1 borocarbide superconductors YNiBC and ErNiBC. IEEE Transactions on Applied Superconductivity, 1999, 9, 2394-2397.	1.7	0
138	Advanced Diagnostic Techniques for Superconductors in High Frequency Fields â€” Yesterday, Today, and Tomorrow. , 1999, , 1473-1478.		0
139	Properties of YNi ₂ B ₂ C superconducting thin films. Physical Review B, 1997, 56, 934-939.	3.2	20
140	Strong-coupling effects on the temperature dependence of penetration depth in YBa ₂ Cu ₃ O _{7-δ} thin films near T _c . Physical Review B, 1997, 56, 7874-7877.	3.2	13
141	Nonlinear microwave properties of Nb ₃ Sn sputtered superconducting films. Journal of Applied Physics, 1997, 82, 1736-1742.	2.5	23
142	Microwave measurements of superconducting Nb/sub 3/Sn films by a microstrip resonator technique. IEEE Transactions on Applied Superconductivity, 1997, 7, 1772-1775.	1.7	7
143	Fabrication and test of a YBa ₂ Cu ₃ O _{7-δ} three-pole band pass filter. Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics, 1997, 19, 1369-1373.	0.4	0
144	Microwave surface impedance measurements of epitaxial Bi ₂ Sr ₂ CaCu ₂ O _{8+x} films grown by LPE. Physica C: Superconductivity and Its Applications, 1997, 289, 275-279.	1.2	3

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145	Surface impedance measurements of superconducting V3Si films by a microstrip resonator technique. Journal of Applied Physics, 1995, 78, 1862-1865.	2.5	7
146	Morphological and structural properties of high quality YBCO thin films. Journal of Materials Research, 1995, 10, 11-17.	2.6	23
147	Relation between normal-state and superconductive properties of niobium sputtered films. Physical Review B, 1995, 52, 4473-4476.	3.2	29
148	Temperature dependence of the penetration depth in Nd _{1.85} Ce _{0.15} CuO ₄ superconducting thin films. Physical Review B, 1994, 49, 6392-6394.	3.2	78
149	Magnetic penetration depth measurements on high-temperature superconducting thin films and their implications. Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics, 1994, 16, 1909-1915.	0.4	0
150	Low temperature measurements of the magnetic penetration depth in electron- and hole-doped superconducting thin films. Physica C: Superconductivity and Its Applications, 1994, 235-240, 1837-1838.	1.2	2
151	Development of L-band and C-band superconducting planar filters for wireless systems. , 0, , .		4
152	Multi-stage dual-mode cross-slotted superconducting filters for telecommunication application. , 0, , .		1