Filippo Giubileo

List of Publications by Year in Descending Order

120 papers	3,582 citations	35 h-index	58 g-index
134 ext. papers	4,392 ext. citations	4 avg, IF	5.5 L-index

#	Paper	IF	Citations
120	Multiwalled Carbon Nanotubes Films for Sensing Purpose. *Lecture Notes in Electrical Engineering*, **2023**, 98-105	0.2	
119	Field Emission from Graphene Layers. *Lecture Notes in Electrical Engineering*, **2023**, 213-220	0.2	1
118	Easy Fabrication of Performant SWCNT-Si Photodetector. *Electronics (Switzerland)*, **2022**, 11, 271	2.6	2
117	Memory effects in black phosphorus field effect transistors. *2D Materials*, **2022**, 9, 015028	5.9	3
116	Electric Transport in Few-Layer ReSe2 Transistors Modulated by Air Pressure and Light. *Nanomaterials*, **2022**, 12, 1886	5.4	1
115	Temperature Dependence of Germanium Arsenide Field-Effect Transistors Electrical Properties. *Materials Proceedings*, **2021**, 4, 26	0.3	
114	Molybdenum Disulfide Field Effect Transistors under Electron Beam Irradiation and External Electric Fields. *Materials Proceedings*, **2021**, 4, 25	0.3	
113	Direct Contacting of 2D Nanosheets by Metallic Nanoprobes. *Materials Proceedings*, **2021**, 4, 16	0.3	
112	Sensors Based on Multiwalled Carbon Nanotubes. *Materials Proceedings*, **2021**, 4, 59	0.3	0
111	Electrical Conduction and Photoconduction in PtSe2 Ultrathin Films. *Materials Proceedings*, **2021**, 4, 28	0.3	2
110	Germanium arsenide nanosheets applied as two-dimensional field emitters. *Journal of Physics: Conference Series*, **2021**, 2047, 012021	0.3	
109	Field emission from two-dimensional GeAs. *Journal Physics D: Applied Physics*, **2021**, 54, 105302	3	7
108	PtSe2 phototransistors with negative photoconductivity. *Journal of Physics: Conference Series*, **2021**, 1866, 012001	0.3	2
107	Characterization of InSb nanopillars for field emission applications. *Journal of Physics: Conference Series*, **2021**, 1765, 012004	0.3	2
106	Vacuum Gauge from Ultrathin MoS2 Transistor. *Lecture Notes in Electrical Engineering*, **2021**, 45-53	0.2	1
105	Gate-Controlled Field Emission Current from MoS2 Nanosheets. *Advanced Electronic Materials*, **2021**, 7, 2000838	6.4	12
104	Field Emission in Ultrathin PdSe2 Back-Gated Transistors. *Advanced Electronic Materials*, **2020**, 6, 2000096	6.4	35

103	Nanotip Contacts for Electric Transport and Field Emission Characterization of Ultrathin MoS Flakes. *Nanomaterials*, **2020**, 10,	5.4	14
102	Field emission from AlGaN nanowires with low turn-on field. *Nanotechnology*, **2020**, 31, 475702	3.4	5
101	Electron irradiation of multilayer [Formula: see text] field effect transistors. *Nanotechnology*, **2020**, 31, 375204	3.4	16
100	Environmental effects on transport properties of PdSe2 field effect transistors. *Materials Today: Proceedings*, **2020**, 20, 50-53	1.4	9
99	Graphite platelet films deposited by spray technique on low density polyethylene substrates. *Materials Today: Proceedings*, **2020**, 20, 87-90	1.4	1
98	Field emission from mono and two-dimensional nanostructures. *Materials Today: Proceedings*, **2020**, 20, 64-68	1.4	3
97	Electron Irradiation of Metal Contacts in Monolayer MoS Field-Effect Transistors. *ACS Applied Materials & Interfaces*, **2020**, 12, 40532-40540	9.5	18
96	Field Emission Characteristics of InSb Patterned Nanowires. *Advanced Electronic Materials*, **2020**, 6, 2000402	6.2	8
95	Air Pressure, Gas Exposure and Electron Beam Irradiation of 2D Transition Metal Dichalcogenides. *Applied Sciences (Switzerland)*, **2020**, 10, 5840	2.6	2
94	VIVA (vinorelbine, ifosfamide, vincristine, actinomycin-D): A new regimen in the armamentarium of systemic therapy for high-risk rhabdomyosarcoma. *Pediatric Blood and Cancer*, **2020**, 67, e28649	3	0
93	Effect of silicon doping on graphene/silicon Schottky photodiodes. *Materials Today: Proceedings*, **2020**, 20, 82-86	1.4	7
92	Space charge limited current and photoconductive effect in few-layer MoS2. *Journal of Physics: Conference Series*, **2019**, 1226, 012013	0.3	9
91	Two-dimensional effects in Fowler-Nordheim field emission from transition metal dichalcogenides. *Journal of Physics: Conference Series*, **2019**, 1226, 012018	0.3	3
90	Vinorelbine and continuous low-dose cyclophosphamide as maintenance chemotherapy in patients with high-risk rhabdomyosarcoma (RMS 2005): a multicentre, open-label, randomised, phase 3 trial. *Lancet Oncology, The*, **2019**, 20, 1566-1575	21.7	75
89	A WSe vertical field emission transistor. *Nanoscale*, **2019**, 11, 1538-1548	7.7	72
88	Field Emission Characterization of MoS Nanoflowers. *Nanomaterials*, **2019**, 9,	5.4	24
87	Pressure-Tunable Ambipolar Conduction and Hysteresis in Thin Palladium Diselenide Field Effect Transistors. *Advanced Functional Materials*, **2019**, 29, 1902483	15.6	65
86	High field-emission current density from □Ga2O3 nanopillars. *Applied Physics Letters*, **2019**, 114, 193101	3.4	23

85	Graphene Schottky Junction on Pillar Patterned Silicon Substrate. *Nanomaterials*, **2019**, 9,	5.4	12
84	Gas dependent hysteresis in MoS 2 field effect transistors. *2D Materials*, **2019**, 6, 045049	5.9	47
83	Bias Tunable Photocurrent in Metal-Insulator-Semiconductor Heterostructures with Photoresponse Enhanced by Carbon Nanotubes. *Nanomaterials*, **2019**, 9,	5.4	20
82	Thermoresistive Properties of Graphite Platelet Films Supported by Different Substrates. *Materials*, **2019**, 12,	3.5	4
81	Effect of Electron Irradiation on the Transport and Field Emission Properties of Few-Layer MoS2 Field-Effect Transistors. *Journal of Physical Chemistry C*, **2019**, 123, 1454-1461	3.8	38
80	Rhabdomyosarcoma. *Nature Reviews Disease Primers*, **2019**, 5, 1	51.1	264
79	Probing unconventional pairing in LaO0.5F0.5BiS2 layered superconductor by point contact spectroscopy. *Journal of Physics and Chemistry of Solids*, **2018**, 118, 192-199	3.9	3
78	Hysteresis in the transfer characteristics of MoS 2 transistors. *2D Materials*, **2018**, 5, 015014	5.9	153
77	Addition of dose-intensified doxorubicin to standard chemotherapy for rhabdomyosarcoma (EpSSG RMS 2005): a multicentre, open-label, randomised controlled, phase 3 trial. *Lancet Oncology, The*, **2018**, 19, 1061-1071	21.7	88
76	Transport and Field Emission Properties of MoS□Bilayers. *Nanomaterials*, **2018**, 8,	5.4	57
75	Field Emission from Carbon Nanostructures. *Applied Sciences (Switzerland)*, **2018**, 8, 526	2.6	74
74	Graphene□Silicon Schottky Diodes for Photodetection. *IEEE Nanotechnology Magazine*, **2018**, 17, 1133-1137	2.6	56
73	Persistent Photoconductivity, Hysteresis and Field Emission in MoS2 Back-Gate Field-Effect Transistors **2018**,		2
72	The role of the substrate in Graphene/Silicon photodiodes. *Journal of Physics: Conference Series*, **2018**, 956, 012019	0.3	4
71	Electronic properties of graphene/p-silicon Schottky junction. *Journal Physics D: Applied Physics*, **2018**, 51, 255305	3	44
70	Asymmetric Schottky Contacts in Bilayer MoS2 Field Effect Transistors. *Advanced Functional Materials*, **2018**, 28, 1800657	15.6	119
69	Transport and field emission properties of buckypapers obtained from aligned carbon nanotubes. *Journal of Materials Science*, **2017**, 52, 6459-6468	4.3	26
68	Hybrid graphene/silicon Schottky photodiode with intrinsic gating effect. *2D Materials*, **2017**, 4, 025075	5.9	104

67	Electrical transport and persistent photoconductivity in monolayer MoS phototransistors. *Nanotechnology*, **2017**, 28, 214002	3.4	133
66	Tunable Schottky barrier and high responsivity in graphene/Si-nanotip optoelectronic device. *2D Materials*, **2017**, 4, 015024	5.9	100
65	The role of contact resistance in graphene field-effect devices. *Progress in Surface Science*, **2017**, 92, 143-175	6.8	130
64	Field Emission from Self-Catalyzed GaAs Nanowires. *Nanomaterials*, **2017**, 7,	5.4	29
63	Focus on graphene and related materials. *Nanotechnology*, **2017**, 28, 410201	3.4	9
62	Graphene enhanced field emission from InP nanocrystals. *Nanotechnology*, **2017**, 28, 495705	3.4	33
61	I-V and C-V Characterization of a High-Responsivity Graphene/Silicon Photodiode with Embedded MOS Capacitor. *Nanomaterials*, **2017**, 7,	5.4	50
60	Contact Resistance and Channel Conductance of Graphene Field-Effect Transistors under Low-Energy Electron Irradiation. *Nanomaterials*, **2016**, 6,	5.4	19
59	Observation of field emission from GeSn nanoparticles epitaxially grown on silicon nanopillar arrays. *Nanotechnology*, **2016**, 27, 485707	3.4	42
58	Leakage and field emission in side-gate graphene field effect transistors. *Applied Physics Letters*, **2016**, 109, 023510	3.4	70
57	Introduction to the focus on superconductivity for energy. *Superconductor Science and Technology*, **2015**, 28, 070201	3.1	12
56	Resonant Andreev Spectroscopy in normal-Metal/thin-Ferromagnet/Superconductor Device: Theory and Application. *Scientific Reports*, **2015**, 5, 17544	4.9	6
55	Generalized Blonder-Tinkham-Klapwijk theory and conductance spectra with particle-hole mixing interface potential. *European Physical Journal B*, **2015**, 88, 1	1.2	2
54	Graphene field effect transistors with niobium contacts and asymmetric transfer characteristics. *Nanotechnology*, **2015**, 26, 475202	3.4	64
53	Detection of the flux dynamical regimes in Bi4O4S3 by multiharmonic AC susceptibility. *Physica C: Superconductivity and Its Applications*, **2014**, 507, 47-54	1.3	2
52	Point contact Andreev reflection spectroscopy on ferromagnet/superconductor bilayers. *Physica C: Superconductivity and Its Applications*, **2014**, 503, 158-161	1.3	2
51	Effect of back-gate on contact resistance and on channel conductance in graphene-based field-effect transistors. *Diamond and Related Materials*, **2013**, 38, 19-23	3.5	53
50	Transfer characteristics and contact resistance in Ni- and Ti-contacted graphene-based field-effect transistors. *Journal of Physics Condensed Matter*, **2013**, 25, 155303	1.8	17

49	Field emission properties of as-grown multiwalled carbon nanotube films. *Carbon*, **2012**, 50, 163-169	10.4	41
48	Field emission from single and few-layer graphene flakes. *Applied Physics Letters*, **2011**, 98, 163109	3.4	80
47	Imaging the spontaneous formation of vortex-antivortex pairs in planar superconductor/ferromagnet hybrid structures. *Physical Review B*, **2011**, 84,	3.3	45
46	Charge transfer and partial pinning at the contacts as the origin of a double dip in the transfer characteristics of graphene-based field-effect transistors. *Nanotechnology*, **2011**, 22, 275702	3.4	55
45	Evidence of s-wave subdominant order parameter in YBa2Cu3O7 from break-junction tunneling spectra. *Low Temperature Physics*, **2010**, 36, 167-170	0.7	0
44	Andreev reflection in ferrimagnetic CoFe2O4 spin filters. *Physical Review B*, **2010**, 81,	3.3	24
43	A tunneling spectroscopy study of the pairing symmetry in the electron-doped Pr(1-x)LaCe(x)CuO(4-y). *Journal of Physics Condensed Matter*, **2010**, 22, 045702	1.8	6
42	Electrical properties and memory effects of field-effect transistors from networks of single- and double-walled carbon nanotubes. *Nanotechnology*, **2010**, 21, 115204	3.4	47
41	Point contact spectroscopy on electron doped Pr1-xLaCexCuO4-y. *Physica C: Superconductivity and Its Applications*, **2010**, 470, S243-S244	1.3	
40	Study of the pairing symmetry in the electron-doped cuprate by tunneling spectroscopy. *Physica C: Superconductivity and Its Applications*, **2010**, 470, 922-925	1.3	1
39	Structural, electrical and magnetic characterization of artificial ferromagnetic/superconducting (La(0.7)Ca(0.3)MnO(3)/YBa(2)Cu(3)O(7-x)) heterostructures. *Journal of Physics Condensed Matter*, **2009**, 21, 254205	1.8	5
38	Multiwalled carbon nanotube films as small-sized temperature sensors. *Journal of Applied Physics*, **2009**, 105, 064518	2.5	84
37	Nanotechnology: A new era for photodetection?. *Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment*, **2009**, 610, 1-10	1.2	12
36	Local probing of the field emission stability of vertically aligned multi-walled carbon nanotubes. *Carbon*, **2009**, 47, 1074-1080	10.4	43
35	Field emission from a selected multiwall carbon nanotube. *Nanotechnology*, **2008**, 19, 395701	3.4	55
34	Full-dose ifosfamide can be safely administered to outpatients. *Pediatric Blood and Cancer*, **2008**, 50, 375-8	3	11
33	Local study of the . *Physica C: Superconductivity and Its Applications*, **2008**, 468, 828-831	1.3	1
32	A local field emission study of partially aligned carbon-nanotubes by atomic force microscope probe. *Carbon*, **2007**, 45, 2957-2971	10.4	75

31	Point contact spectroscopy on ferromagnetic/superconducting heterostructures. *Physica C: Superconductivity and Its Applications*, **2007**, 460-462, 886-887	1.3	
30	Temperature evolution of subharmonic gap structures in MgB2/Nb point-contacts. *Physica C: Superconductivity and Its Applications*, **2007**, 460-462, 587-588	1.3	4
29	Two regimes in the magnetic field response of superconducting MgB2. *European Physical Journal B*, **2007**, 57, 21-25	1.2	2
28	Nanoscale spatial non-homogeneity of 3D in Mg0.9Al0.1B2 single crystals. *Physica C: Superconductivity and Its Applications*, **2007**, 460-462, 585-586	1.3	
27	Local tunneling study of three-dimensional order parameter in the band of Al-doped MgB2 single crystals. *Physical Review B*, **2007**, 76,	3.3	15
26	Pairing state in the ruthenocuprate superconductor RuSr2GdCu2O8: A point-contact Andreev reflection spectroscopy study. *Physical Review B*, **2006**, 73,	3.3	13
25	Point Contact Spectra on YBa2Cu3O7/La0.7Ca0.3MnO3bilayers. *Journal of Physics: Conference Series*, **2006**, 43, 1123-1126	0.3	10
24	Recent progress in vortex studies by tunneling spectroscopy. *Physica C: Superconductivity and Its Applications*, **2006**, 437-438, 145-148	1.3	4
23	Lazy Fisherman method of vortex analysis: application to MgB2. *Journal of Physics and Chemistry of Solids*, **2006**, 67, 442-446	3.9	3
22	STS study of the local density of states in MgB2 thin films. *Journal of Physics and Chemistry of Solids*, **2006**, 67, 357-359	3.9	1
21	Point-contact spectroscopy on RuSr2GdCu2O8. *Journal of Physics and Chemistry of Solids*, **2006**, 67, 384-386	3.9	4
20	Subharmonic gap structures and Josephson effect in MgB2/Nb microconstrictions. *Physical Review B*, **2005**, 72,	3.3	19
19	Superconducting vortex profile from fixed point measurements the Lazy Fisherman tunneling microscopy method. *Applied Physics Letters*, **2005**, 86, 212503	3.4	22
18	POINT CONTACT STUDY OF THE SUPERCONDUCTING ORDER PARAMETER IN RuSr2GdCu2O8. *International Journal of Modern Physics B*, **2005**, 19, 323-325	1.1	2
17	Vinorelbine and low-dose cyclophosphamide in the treatment of pediatric sarcomas: pilot study for the upcoming European Rhabdomyosarcoma Protocol. *Cancer*, **2004**, 101, 1664-71	6.4	95
16	MgB2: an old material, a new superconductor. An extensive scanning tunneling spectroscopy study. *Physica A: Statistical Mechanics and Its Applications*, **2004**, 339, 112-118	3.3	5
15	Two-gap interplay in MgB2: a tunneling spectroscopy study. *Physica C: Superconductivity and Its Applications*, **2004**, 408-410, 768-772	1.3	11
14	SCANNING TUNNELING SPECTROCOPY ON MgB2 THIN FILMS. *International Journal of Modern Physics B*, **2003**, 17, 446-452	1.1	

13	SCANNING TUNNELING SPECTROSCOPY ON THE GdSr2RuCu2O8 COMPOUND. *International Journal of Modern Physics B*, **2003**, 17, 608-613	1.1	3
12	Point Contact Spectroscopy on RuSr2GdCu2O8. *International Journal of Modern Physics B*, **2003**, 17, 3525-3529	1.1	3
11	Quasiparticle state density on the surface of superconducting thin films of MgB2. *Superconductor Science and Technology*, **2003**, 16, 167-170	3.1	8
10	Vinorelbine in previously treated advanced childhood sarcomas: evidence of activity in rhabdomyosarcoma. *Cancer*, **2002**, 94, 3263-8	6.4	60
9	Study of Andreev reflections in Tl2Ba2CaCu2O8/Ag interfaces. *Physica C: Superconductivity and Its Applications*, **2002**, 367, 170-173	1.3	4
8	TWO GAP SIGNATURE IN MAGNESIUM DIBORIDE. *International Journal of Modern Physics B*, **2002**, 16, 1577-1583	1.1	2
7	Strong coupling and double-gap density of states in superconducting MgB 2. *Europhysics Letters*, **2002**, 58, 764-770	1.6	33
6	Temperature dependence of the YBa2Cu3O7 energy gap in differently oriented tunnel junctions. *European Physical Journal B*, **2001**, 24, 305-308	1.2	3
5	Tunneling spectroscopy and surface states in YBa2Cu3O7 and Tl2Ba2CaCu2O8 break junctions. *Physica C: Superconductivity and Its Applications*, **2001**, 364-365, 626-628	1.3	1
4	Two-gap state density in MgB(2): a true bulk property or a proximity effect?. *Physical Review Letters* , **2001**, 87, 177008	7.4	336
3	Coexistence of Andreev bound states and Josephson current in YBa2Cu3O7 break-junctions. *Physica C: Superconductivity and Its Applications*, **2000**, 341-348, 1589-1590	1.3	2
2	TEMPERATURE DEPENDENCE OF GAP RELATED STRUCTURES IN YBa2Cu3O7-□BREAK JUNCTIONS. *International Journal of Modern Physics B*, **2000**, 14, 3080-3085	1.1	2
1	Coexistence of Negative and Positive Photoconductivity in Few-Layer PtSe2 Field-Effect Transistors. *Advanced Functional Materials*,2105722	15.6	14