

# Filippo Giubileo

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/8250387/filippo-giubileo-publications-by-citations.pdf>

**Version:** 2024-04-09

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Two-gap state density in MgB(2): a true bulk property or a proximity effect?. <i>Physical Review Letters</i> , <b>2001</b> , 87, 177008	7.4	336
119	Rhabdomyosarcoma. <i>Nature Reviews Disease Primers</i> , <b>2019</b> , 5, 1	51.1	264
118	Hysteresis in the transfer characteristics of MoS <sub>2</sub> transistors. <i>2D Materials</i> , <b>2018</b> , 5, 015014	5.9	153
117	Electrical transport and persistent photoconductivity in monolayer MoS phototransistors. <i>Nanotechnology</i> , <b>2017</b> , 28, 214002	3.4	133
116	The role of contact resistance in graphene field-effect devices. <i>Progress in Surface Science</i> , <b>2017</b> , 92, 1436185	13.5	130
115	Asymmetric Schottky Contacts in Bilayer MoS <sub>2</sub> Field Effect Transistors. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1800657	15.6	119
114	Hybrid graphene/silicon Schottky photodiode with intrinsic gating effect. <i>2D Materials</i> , <b>2017</b> , 4, 025075	5.9	104
113	Tunable Schottky barrier and high responsivity in graphene/Si-nanotip optoelectronic device. <i>2D Materials</i> , <b>2017</b> , 4, 015024	5.9	100
112	Vinorelbine and low-dose cyclophosphamide in the treatment of pediatric sarcomas: pilot study for the upcoming European Rhabdomyosarcoma Protocol. <i>Cancer</i> , <b>2004</b> , 101, 1664-71	6.4	95
111	Addition of dose-intensified doxorubicin to standard chemotherapy for rhabdomyosarcoma (EpSSG RMS 2005): a multicentre, open-label, randomised controlled, phase 3 trial. <i>Lancet Oncology, The</i> , <b>2018</b> , 19, 1061-1071	21.7	88
110	Multiwalled carbon nanotube films as small-sized temperature sensors. <i>Journal of Applied Physics</i> , <b>2009</b> , 105, 064518	2.5	84
109	Field emission from single and few-layer graphene flakes. <i>Applied Physics Letters</i> , <b>2011</b> , 98, 163109	3.4	80
108	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. <i>Lancet Oncology, The</i> , <b>2019</b> , 20, 1566-1575	21.7	75
107	A local field emission study of partially aligned carbon-nanotubes by atomic force microscope probe. <i>Carbon</i> , <b>2007</b> , 45, 2957-2971	10.4	75
106	Field Emission From Carbon Nanostructures. <i>Applied Sciences (Switzerland)</i> , <b>2018</b> , 8, 526	2.6	74
105	A WSe vertical field emission transistor. <i>Nanoscale</i> , <b>2019</b> , 11, 1538-1548	7.7	72
104	Leakage and field emission in side-gate graphene field effect transistors. <i>Applied Physics Letters</i> , <b>2016</b> , 109, 023510	3.4	70

103	Pressure-Tunable Ambipolar Conduction and Hysteresis in Thin Palladium Diselenide Field Effect Transistors. <i>Advanced Functional Materials</i> , <b>2019</b> , 29, 1902483	15.6	65
102	Graphene field effect transistors with niobium contacts and asymmetric transfer characteristics. <i>Nanotechnology</i> , <b>2015</b> , 26, 475202	3.4	64
101	Vinorelbine in previously treated advanced childhood sarcomas: evidence of activity in rhabdomyosarcoma. <i>Cancer</i> , <b>2002</b> , 94, 3263-8	6.4	60
100	Transport and Field Emission Properties of MoS <sub>2</sub> Bilayers. <i>Nanomaterials</i> , <b>2018</b> , 8,	5.4	57
99	Graphene/Silicon Schottky Diodes for Photodetection. <i>IEEE Nanotechnology Magazine</i> , <b>2018</b> , 17, 1133-1137	13.6	56
98	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. <i>Nanotechnology</i> , <b>2011</b> , 22, 275702	3.4	55
97	Field emission from a selected multiwall carbon nanotube. <i>Nanotechnology</i> , <b>2008</b> , 19, 395701	3.4	55
96	Effect of back-gate on contact resistance and on channel conductance in graphene-based field-effect transistors. <i>Diamond and Related Materials</i> , <b>2013</b> , 38, 19-23	3.5	53
95	I-V and C-V Characterization of a High-Responsivity Graphene/Silicon Photodiode with Embedded MOS Capacitor. <i>Nanomaterials</i> , <b>2017</b> , 7,	5.4	50
94	Gas dependent hysteresis in MoS <sub>2</sub> field effect transistors. <i>2D Materials</i> , <b>2019</b> , 6, 045049	5.9	47
93	Electrical properties and memory effects of field-effect transistors from networks of single- and double-walled carbon nanotubes. <i>Nanotechnology</i> , <b>2010</b> , 21, 115204	3.4	47
92	Imaging the spontaneous formation of vortex-antivortex pairs in planar superconductor/ferromagnet hybrid structures. <i>Physical Review B</i> , <b>2011</b> , 84,	3.3	45
91	Electronic properties of graphene/p-silicon Schottky junction. <i>Journal Physics D: Applied Physics</i> , <b>2018</b> , 51, 255305	3	44
90	Local probing of the field emission stability of vertically aligned multi-walled carbon nanotubes. <i>Carbon</i> , <b>2009</b> , 47, 1074-1080	10.4	43
89	Observation of field emission from GeSn nanoparticles epitaxially grown on silicon nanopillar arrays. <i>Nanotechnology</i> , <b>2016</b> , 27, 485707	3.4	42
88	Field emission properties of as-grown multiwalled carbon nanotube films. <i>Carbon</i> , <b>2012</b> , 50, 163-169	10.4	41
87	Effect of Electron Irradiation on the Transport and Field Emission Properties of Few-Layer MoS <sub>2</sub> Field-Effect Transistors. <i>Journal of Physical Chemistry C</i> , <b>2019</b> , 123, 1454-1461	3.8	38
86	Field Emission in Ultrathin PdSe <sub>2</sub> Back-Gated Transistors. <i>Advanced Electronic Materials</i> , <b>2020</b> , 6, 2000094	4.4	35

85	Graphene enhanced field emission from InP nanocrystals. <i>Nanotechnology</i> , <b>2017</b> , 28, 495705	3-4	33
84	Strong coupling and double-gap density of states in superconducting MgB <sub>2</sub> . <i>Europhysics Letters</i> , <b>2002</b> , 58, 764-770	1-6	33
83	Field Emission from Self-Catalyzed GaAs Nanowires. <i>Nanomaterials</i> , <b>2017</b> , 7,	5-4	29
82	Transport and field emission properties of buckypapers obtained from aligned carbon nanotubes. <i>Journal of Materials Science</i> , <b>2017</b> , 52, 6459-6468	4-3	26
81	Field Emission Characterization of MoS Nanoflowers. <i>Nanomaterials</i> , <b>2019</b> , 9,	5-4	24
80	Andreev reflection in ferrimagnetic CoFe <sub>2</sub> O <sub>4</sub> spin filters. <i>Physical Review B</i> , <b>2010</b> , 81,	3-3	24
79	High field-emission current density from EGa <sub>2</sub> O <sub>3</sub> nanopillars. <i>Applied Physics Letters</i> , <b>2019</b> , 114, 193101	3-4	23
78	Superconducting vortex profile from fixed point measurements the Lazy Fisherman Tunneling microscopy method. <i>Applied Physics Letters</i> , <b>2005</b> , 86, 212503	3-4	22
77	Bias Tunable Photocurrent in Metal-Insulator-Semiconductor Heterostructures with Photoresponse Enhanced by Carbon Nanotubes. <i>Nanomaterials</i> , <b>2019</b> , 9,	5-4	20
76	Subharmonic gap structures and Josephson effect in MgB <sub>2</sub> /Nb microconstrictions. <i>Physical Review B</i> , <b>2005</b> , 72,	3-3	19
75	Contact Resistance and Channel Conductance of Graphene Field-Effect Transistors under Low-Energy Electron Irradiation. <i>Nanomaterials</i> , <b>2016</b> , 6,	5-4	19
74	Electron Irradiation of Metal Contacts in Monolayer MoS <sub>2</sub> Field-Effect Transistors. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 40532-40540	9-5	18
73	Transfer characteristics and contact resistance in Ni- and Ti-contacted graphene-based field-effect transistors. <i>Journal of Physics Condensed Matter</i> , <b>2013</b> , 25, 155303	1-8	17
72	Electron irradiation of multilayer [Formula: see text] field effect transistors. <i>Nanotechnology</i> , <b>2020</b> , 31, 375204	3-4	16
71	Local tunneling study of three-dimensional order parameter in the $\Gamma$ -band of Al-doped MgB <sub>2</sub> single crystals. <i>Physical Review B</i> , <b>2007</b> , 76,	3-3	15
70	Nanotip Contacts for Electric Transport and Field Emission Characterization of Ultrathin MoS <sub>2</sub> Flakes. <i>Nanomaterials</i> , <b>2020</b> , 10,	5-4	14
69	Coexistence of Negative and Positive Photoconductivity in Few-Layer PtSe <sub>2</sub> Field-Effect Transistors. <i>Advanced Functional Materials</i> , <b>2019</b> , 29, 1905722	15-6	14
68	Pairing state in the ruthenocuprate superconductor RuSr <sub>2</sub> GdCu <sub>2</sub> O <sub>8</sub> : A point-contact Andreev reflection spectroscopy study. <i>Physical Review B</i> , <b>2006</b> , 73,	3-3	13

67	Graphene Schottky Junction on Pillar Patterned Silicon Substrate. <i>Nanomaterials</i> , <b>2019</b> , 9, 1-10	5.4	12
66	Introduction to the focus on superconductivity for energy. <i>Superconductor Science and Technology</i> , <b>2015</b> , 28, 070201	3.1	12
65	Nanotechnology: A new era for photodetection?. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2009</b> , 610, 1-10	1.2	12
64	Gate-Controlled Field Emission Current from MoS <sub>2</sub> Nanosheets. <i>Advanced Electronic Materials</i> , <b>2021</b> , 7, 2000838	6.4	12
63	Full-dose ifosfamide can be safely administered to outpatients. <i>Pediatric Blood and Cancer</i> , <b>2008</b> , 50, 375-8	3	11
62	Two-gap interplay in MgB <sub>2</sub> : a tunneling spectroscopy study. <i>Physica C: Superconductivity and Its Applications</i> , <b>2004</b> , 408-410, 768-772	1.3	11
61	Point Contact Spectra on YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-x</sub> /La <sub>0.7</sub> Ca <sub>0.3</sub> MnO <sub>3</sub> bilayers. <i>Journal of Physics: Conference Series</i> , <b>2006</b> , 43, 1123-1126	0.3	10
60	Space charge limited current and photoconductive effect in few-layer MoS <sub>2</sub> . <i>Journal of Physics: Conference Series</i> , <b>2019</b> , 1226, 012013	0.3	9
59	Focus on graphene and related materials. <i>Nanotechnology</i> , <b>2017</b> , 28, 410201	3.4	9
58	Environmental effects on transport properties of PdSe <sub>2</sub> field effect transistors. <i>Materials Today: Proceedings</i> , <b>2020</b> , 20, 50-53	1.4	9
57	Quasiparticle state density on the surface of superconducting thin films of MgB <sub>2</sub> . <i>Superconductor Science and Technology</i> , <b>2003</b> , 16, 167-170	3.1	8
56	Field Emission Characteristics of InSb Patterned Nanowires. <i>Advanced Electronic Materials</i> , <b>2020</b> , 6, 2000402	4.02	8
55	Field emission from two-dimensional GeAs. <i>Journal Physics D: Applied Physics</i> , <b>2021</b> , 54, 105302	3	7
54	Effect of silicon doping on graphene/silicon Schottky photodiodes. <i>Materials Today: Proceedings</i> , <b>2020</b> , 20, 82-86	1.4	7
53	Resonant Andreev Spectroscopy in normal-Metal/thin-Ferromagnet/Superconductor Device: Theory and Application. <i>Scientific Reports</i> , <b>2015</b> , 5, 17544	4.9	6
52	A tunneling spectroscopy study of the pairing symmetry in the electron-doped Pr(1-x)LaCe(x)CuO(4-y). <i>Journal of Physics Condensed Matter</i> , <b>2010</b> , 22, 045702	1.8	6
51	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. <i>Journal of Physics Condensed Matter</i> , <b>2009</b> , 21, 254205	1.8	5
50	MgB <sub>2</sub> : an old material, a new superconductor. An extensive scanning tunneling spectroscopy study. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2004</b> , 339, 112-118	3.3	5

49	Field emission from AlGaN nanowires with low turn-on field. <i>Nanotechnology</i> , <b>2020</b> , 31, 475702	3-4	5
48	Temperature evolution of subharmonic gap structures in MgB <sub>2</sub> /Nb point-contacts. <i>Physica C: Superconductivity and Its Applications</i> , <b>2007</b> , 460-462, 587-588	1-3	4
47	Recent progress in vortex studies by tunneling spectroscopy. <i>Physica C: Superconductivity and Its Applications</i> , <b>2006</b> , 437-438, 145-148	1-3	4
46	Point-contact spectroscopy on RuSr <sub>2</sub> GdCu <sub>2</sub> O <sub>8</sub> . <i>Journal of Physics and Chemistry of Solids</i> , <b>2006</b> , 67, 384-386	3-9	4
45	Study of Andreev reflections in Tl <sub>2</sub> Ba <sub>2</sub> CaCu <sub>2</sub> O <sub>8</sub> /Ag interfaces. <i>Physica C: Superconductivity and Its Applications</i> , <b>2002</b> , 367, 170-173	1-3	4
44	Thermoresistive Properties of Graphite Platelet Films Supported by Different Substrates. <i>Materials</i> , <b>2019</b> , 12,	3-5	4
43	The role of the substrate in Graphene/Silicon photodiodes. <i>Journal of Physics: Conference Series</i> , <b>2018</b> , 956, 012019	0-3	4
42	Two-dimensional effects in Fowler-Nordheim field emission from transition metal dichalcogenides. <i>Journal of Physics: Conference Series</i> , <b>2019</b> , 1226, 012018	0-3	3
41	Probing unconventional pairing in LaO <sub>0.5</sub> F <sub>0.5</sub> BiS <sub>2</sub> layered superconductor by point contact spectroscopy. <i>Journal of Physics and Chemistry of Solids</i> , <b>2018</b> , 118, 192-199	3-9	3
40	Dazy Fisherman method of vortex analysis: application to MgB <sub>2</sub> . <i>Journal of Physics and Chemistry of Solids</i> , <b>2006</b> , 67, 442-446	3-9	3
39	SCANNING TUNNELING SPECTROSCOPY ON THE GdSr <sub>2</sub> RuCu <sub>2</sub> O <sub>8</sub> COMPOUND. <i>International Journal of Modern Physics B</i> , <b>2003</b> , 17, 608-613	1-1	3
38	Point Contact Spectroscopy on RuSr <sub>2</sub> GdCu <sub>2</sub> O <sub>8</sub> . <i>International Journal of Modern Physics B</i> , <b>2003</b> , 17, 3525-3529	3-529	3
37	Temperature dependence of the YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> energy gap in differently oriented tunnel junctions. <i>European Physical Journal B</i> , <b>2001</b> , 24, 305-308	1-2	3
36	Field emission from mono and two-dimensional nanostructures. <i>Materials Today: Proceedings</i> , <b>2020</b> , 20, 64-68	1-4	3
35	Memory effects in black phosphorus field effect transistors. <i>2D Materials</i> , <b>2022</b> , 9, 015028	5-9	3
34	Detection of the flux dynamical regimes in Bi <sub>4</sub> O <sub>4</sub> S <sub>3</sub> by multiharmonic AC susceptibility. <i>Physica C: Superconductivity and Its Applications</i> , <b>2014</b> , 507, 47-54	1-3	2
33	Generalized Blonder-Tinkham-Klapwijk theory and conductance spectra with particle-hole mixing interface potential. <i>European Physical Journal B</i> , <b>2015</b> , 88, 1	1-2	2
32	Point contact Andreev reflection spectroscopy on ferromagnet/superconductor bilayers. <i>Physica C: Superconductivity and Its Applications</i> , <b>2014</b> , 503, 158-161	1-3	2

31	Two regimes in the magnetic field response of superconducting MgB2. <i>European Physical Journal B</i> , <b>2007</b> , 57, 21-25	1.2	2
30	POINT CONTACT STUDY OF THE SUPERCONDUCTING ORDER PARAMETER IN RuSr2GdCu2O8. <i>International Journal of Modern Physics B</i> , <b>2005</b> , 19, 323-325	1.1	2
29	TWO GAP SIGNATURE IN MAGNESIUM DIBORIDE. <i>International Journal of Modern Physics B</i> , <b>2002</b> , 16, 1577-1583	1.1	2
28	Coexistence of Andreev bound states and Josephson current in YBa2Cu3O7 break-junctions. <i>Physica C: Superconductivity and Its Applications</i> , <b>2000</b> , 341-348, 1589-1590	1.3	2
27	TEMPERATURE DEPENDENCE OF GAP RELATED STRUCTURES IN YBa2Cu3O7-BREAK JUNCTIONS. <i>International Journal of Modern Physics B</i> , <b>2000</b> , 14, 3080-3085	1.1	2
26	Easy Fabrication of Performant SWCNT-Si Photodetector. <i>Electronics (Switzerland)</i> , <b>2022</b> , 11, 271	2.6	2
25	Electrical Conduction and Photoconduction in PtSe2 Ultrathin Films. <i>Materials Proceedings</i> , <b>2021</b> , 4, 28	0.3	2
24	Air Pressure, Gas Exposure and Electron Beam Irradiation of 2D Transition Metal Dichalcogenides. <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 5840	2.6	2
23	PtSe2 phototransistors with negative photoconductivity. <i>Journal of Physics: Conference Series</i> , <b>2021</b> , 1866, 012001	0.3	2
22	Characterization of InSb nanopillars for field emission applications. <i>Journal of Physics: Conference Series</i> , <b>2021</b> , 1765, 012004	0.3	2
21	Persistent Photoconductivity, Hysteresis and Field Emission in MoS2 Back-Gate Field-Effect Transistors <b>2018</b> ,		2
20	Study of the pairing symmetry in the electron-doped cuprate by tunneling spectroscopy. <i>Physica C: Superconductivity and Its Applications</i> , <b>2010</b> , 470, 922-925	1.3	1
19	Local study of the . <i>Physica C: Superconductivity and Its Applications</i> , <b>2008</b> , 468, 828-831	1.3	1
18	STS study of the local density of states in MgB2 thin films. <i>Journal of Physics and Chemistry of Solids</i> , <b>2006</b> , 67, 357-359	3.9	1
17	Tunneling spectroscopy and surface states in YBa2Cu3O7 and Tl2Ba2CaCu2O8 break junctions. <i>Physica C: Superconductivity and Its Applications</i> , <b>2001</b> , 364-365, 626-628	1.3	1
16	Graphite platelet films deposited by spray technique on low density polyethylene substrates. <i>Materials Today: Proceedings</i> , <b>2020</b> , 20, 87-90	1.4	1
15	Vacuum Gauge from Ultrathin MoS2 Transistor. <i>Lecture Notes in Electrical Engineering</i> , <b>2021</b> , 45-53	0.2	1
14	Electric Transport in Few-Layer ReSe2 Transistors Modulated by Air Pressure and Light. <i>Nanomaterials</i> , <b>2022</b> , 12, 1886	5.4	1

13	Field Emission from Graphene Layers. <i>Lecture Notes in Electrical Engineering</i> , <b>2023</b> , 213-220	0.2	1
12	Evidence of s-wave subdominant order parameter in YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> T from break-junction tunneling spectra. <i>Low Temperature Physics</i> , <b>2010</b> , 36, 167-170	0.7	0
11	Sensors Based on Multiwalled Carbon Nanotubes. <i>Materials Proceedings</i> , <b>2021</b> , 4, 59	0.3	0
10	VIVA (vinorelbine, ifosfamide, vincristine, actinomycin-D): A new regimen in the armamentarium of systemic therapy for high-risk rhabdomyosarcoma. <i>Pediatric Blood and Cancer</i> , <b>2020</b> , 67, e28649	3	0
9	Point contact spectroscopy on electron doped Pr <sub>1-x</sub> LaCe <sub>x</sub> CuO <sub>4-y</sub> . <i>Physica C: Superconductivity and Its Applications</i> , <b>2010</b> , 470, S243-S244	1.3	
8	Point contact spectroscopy on ferromagnetic/superconducting heterostructures. <i>Physica C: Superconductivity and Its Applications</i> , <b>2007</b> , 460-462, 886-887	1.3	
7	Nanoscale spatial non-homogeneity of 3D in [Mg <sub>0.9</sub> Al <sub>0.1</sub> B <sub>2</sub> single crystals. <i>Physica C: Superconductivity and Its Applications</i> , <b>2007</b> , 460-462, 585-586	1.3	
6	SCANNING TUNNELING SPECTROSCOPY ON MgB <sub>2</sub> THIN FILMS. <i>International Journal of Modern Physics B</i> , <b>2003</b> , 17, 446-452	1.1	
5	Temperature Dependence of Germanium Arsenide Field-Effect Transistors Electrical Properties. <i>Materials Proceedings</i> , <b>2021</b> , 4, 26	0.3	
4	Molybdenum Disulfide Field Effect Transistors under Electron Beam Irradiation and External Electric Fields. <i>Materials Proceedings</i> , <b>2021</b> , 4, 25	0.3	
3	Direct Contacting of 2D Nanosheets by Metallic Nanoprobes. <i>Materials Proceedings</i> , <b>2021</b> , 4, 16	0.3	
2	Germanium arsenide nanosheets applied as two-dimensional field emitters. <i>Journal of Physics: Conference Series</i> , <b>2021</b> , 2047, 012021	0.3	
1	Multiwalled Carbon Nanotubes Films for Sensing Purpose. <i>Lecture Notes in Electrical Engineering</i> , <b>2023</b> , 98-105	0.2	