

# Giuseppe Nenna

## List of Publications by Year in descending order

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69  
papers

724  
citations

516215

16  
h-index

610482

24  
g-index

69  
all docs

69  
docs citations

69  
times ranked

1094  
citing authors

#	ARTICLE	IF	CITATIONS
1	Inkjet Printed Polymer Layer on Flexible Substrate for OLED Applications. Journal of Physical Chemistry C, 2009, 113, 13398-13402.	1.5	110
2	Poly(3,4-ethylenedioxythiophene):poly(4-styrenesulfonate) ratio: Structural, physical and hole injection properties in organic light emitting diodes. Thin Solid Films, 2008, 516, 4232-4237.	0.8	42
3	A Study on Thermal Degradation of Organic LEDs Using IR Imaging. Macromolecular Symposia, 2007, 247, 326-332.	0.4	28
4	Study of the effect of the doped poly(3,4-ethylenedioxythiophene):poly(styrene sulfonate) polymeric anode on the organic light-emitting diode performances. Thin Solid Films, 2012, 520, 5386-5391.	0.8	26
5	Graded-size microlens array by the pyro-electrohydrodynamic continuous printing method. Applied Optics, 2013, 52, 7699.	0.9	26
6	Patterned Organic and Inorganic Composites for Electronic Applications. Journal of Physical Chemistry C, 2009, 113, 5777-5783.	1.5	25
7	Nanostructured PEDOT:PSS film with two-dimensional photonic quasi crystals for efficient white OLED devices. Journal of Materials Chemistry C, 2015, 3, 147-152.	2.7	25
8	Microstructuring of polymer films by inkjet etching. Journal of Applied Polymer Science, 2011, 122, 3637-3643.	1.3	23
9	Bragg extraction of light in 2D photonic Thue-Morse quasicrystals patterned in active CdSe/CdS nanorod-polymer nanocomposites. Nanoscale, 2013, 5, 331-336.	2.8	23
10	White light-emitting nanocomposites based on an oxadiazole-carbazole copolymer (POC) and InP/ZnS quantum dots. Journal of Nanoparticle Research, 2013, 15, 1.	0.8	22
11	Nanocomposite polymer carbon-black coating for triggering pyro-electrohydrodynamic inkjet printing. Applied Physics Letters, 2015, 106, .	1.5	22
12	Elucidating the origin of the improved current output in inverted polymer solar cells. Solar Energy Materials and Solar Cells, 2016, 152, 51-58.	3.0	18
13	Low-Temperature Growth of ZnO Nanowires from Gravure-Printed ZnO Nanoparticle Seed Layers for Flexible Piezoelectric Devices. Nanomaterials, 2021, 11, 1430.	1.9	18
14	Insights into thermal degradation of organic light emitting diodes induced by glass transition through impedance spectroscopy. Journal of Applied Physics, 2009, 105, .	1.1	17
15	Optical Properties of Polystyrene-ZnO Nanocomposite Scattering Layer to Improve Light Extraction in Organic Light-Emitting Diode. Journal of Nanomaterials, 2012, 2012, 1-7.	1.5	17
16	Effect of PEDOT:PSS ratio on the electrical and optical properties of OLEDs. Proceedings of SPIE, 2007, .	0.8	16
17	Analysis of the performances of organic light-emitting devices with a doped or an undoped polyaniline-poly(4-styrenesulfonate) hole-injection layer. Journal of Applied Polymer Science, 2011, 122, 3618-3623.	1.3	16
18	Electroluminescence properties of poly(3-hexylthiophene)-cadmium sulfide nanoparticles grown in situ. Journal of Applied Polymer Science, 2011, 122, 3624-3629.	1.3	16

#	ARTICLE	IF	CITATIONS
19	Novel organic LED structures based on a highly conductive polymeric photonic crystal electrode. <i>Nanotechnology</i> , 2013, 24, 315206.	1.3	15
20	Particle size dependence of resonant-tunneling effect induced by CdS nanoparticles in a poly(N-vinylcarbazole) polymer matrix. <i>Journal of Applied Physics</i> , 2012, 112, 044508.	1.1	14
21	Fabrication of Novel Two-Dimensional Nanopatterned Conductive PEDOT:PSS Films for Organic Optoelectronic Applications. <i>ACS Applied Materials &amp; Interfaces</i> , 2013, 5, 4777-4782.	4.0	14
22	Monitoring of concentrated radiation beam for photovoltaic and thermal solar energy conversion applications. <i>Applied Optics</i> , 2006, 45, 7885.	2.1	12
23	Study of the interference effects in an optical cavity for organic light-emitting diode applications. <i>Optics Letters</i> , 2010, 35, 3333.	1.7	12
24	Photonic crystal electrode to be used in organic LED structures. <i>Journal of the European Optical Society-Rapid Publications</i> , 0, 8, .	0.9	11
25	Double-cavity radiometer for high-flux density solar radiation measurements. <i>Applied Optics</i> , 2007, 46, 2166.	2.1	10
26	Photoluminescence quenching and conductivity enhancement of PVK induced by CdS quantum dots. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2012, 44, 1272-1277.	1.3	10
27	Polyethylenimine/ <i>N</i> -doped titanium dioxide nanoparticle based inks for inkjet printing applications. <i>Journal of Applied Polymer Science</i> , 2011, 122, 3630-3636.	1.3	9
28	Electroluminescence and fluorescence emission of poly(n-vinylcarbazole) and poly(n-vinylcarbazole)-Ir(ppy) <sub>3</sub> -based organic light-emitting devices prepared with different solvents. <i>Journal of Photonics for Energy</i> , 2013, 3, 033599.	0.8	9
29	Photoresponse of pentacene-based transistors. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2014, 211, 460-466.	0.8	9
30	Dispersion of WS <sub>2</sub> nanotubes and nanoparticles into conducting polymer matrices for application as LED materials. <i>European Physical Journal B</i> , 2012, 85, 1.	0.6	8
31	Size and Semiconducting Effects on the Piezoelectric Performances of ZnO Nanowires Grown onto Gravure-Printed Seed Layers on Flexible Substrates. <i>Nanoenergy Advances</i> , 2022, 2, 197-209.	3.6	8
32	High performance inverted polymer solar cells with solution processed metal oxides as electron transport layers: A comparative study. <i>Thin Solid Films</i> , 2016, 617, 126-132.	0.8	7
33	Optical and electrical characterizations of graphene nanoplatelet coatings on low density polyethylene. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2018, 36, .	0.6	7
34	Effect of electrodes properties on OLED performances. <i>Proceedings of SPIE</i> , 2007, , .	0.8	6
35	Microlens array manufactured by inkjet printing: study of the effects of the solvent and the polymer concentration on the microstructure shape. <i>Proceedings of SPIE</i> , 2011, , .	0.8	6
36	Preparation and characterization of novel nanocomposites of WS <sub>2</sub> nanotubes and polyfluorene conductive polymer. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2013, 210, 2278-2283.	0.8	6

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37	End-of-Waste SiC-Based Flexible Substrates with Tunable Electrical Properties for Electronic Applications. <i>Langmuir</i> , 2016, 32, 10497-10504.	1.6	6
38	Growth and metabolism of basil grown in a new-concept microcosm under different lighting conditions. <i>Scientia Horticulturae</i> , 2022, 299, 111035.	1.7	5
39	Efficiency and Aging Comparison Between N,N'-Bis (3-methylphenyl)-N,N'-diphenylbenzidine (TPD) and N,N'-Di-[(1-naphthalenyl)-N,N'-diphenyl]-1,1'-biphenyl-4,4'-diamine (NPD) Based OLED Devices. <i>Macromolecular Symposia</i> , 2007, 247, 311-317.	0.4	4
40	Inkjet Etching of Polymer Surfaces to Manufacture Microstructures for OLED Applications. <i>AIP Conference Proceedings</i> , 2010, , .	0.3	4
41	Nonvolatile RRAM Cells from Polymeric Composites Embedding Recycled SiC Powders. <i>Langmuir</i> , 2014, 30, 12421-12428.	1.6	4
42	Photosensing Properties of Pentacene OFETs Based on a Novel PMMA Copolymer Gate Dielectric. <i>Journal of Display Technology</i> , 2015, 11, 533-540.	1.3	4
43	Analysis of the persistent photoresponse of C8BTBT transistors in the near-bandgap spectral region. <i>Organic Electronics</i> , 2016, 30, 83-91.	1.4	4
44	Electrooptical Analysis of Effects Induced by Floating Metallic Interlayers in Organic LEDs. <i>IEEE Transactions on Electron Devices</i> , 2009, 56, 1912-1918.	1.6	3
45	Metabolic syndrome in survivors from the 2009 earthquake in Italy. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2013, 23, e5-e8.	1.1	3
46	Electro-optical limits of organic LED investigated through temperature and applied field dependencies. <i>Polymer Composites</i> , 2013, 34, 1477-1482.	2.3	3
47	Insights on photophysical properties of DCM dye in PVK host matrix. <i>Polymer Composites</i> , 2013, 34, 1500-1505.	2.3	3
48	Evaluation of the PMMA microlens efficiency for the realization of a solar micro-concentrator array. <i>Applied Optics</i> , 2018, 57, 4396.	0.9	3
49	Plasmonic Photomobile Polymer Films. <i>Crystals</i> , 2020, 10, 660.	1.0	3
50	Photo-Responsivity Improvement of Photo-Mobile Polymers Actuators Based on a Novel LCs/Azobenzene Copolymer and ZnO Nanoparticles Network. <i>Nanomaterials</i> , 2021, 11, 3320.	1.9	3
51	Luminescent nanocomposites of conducting polymers and in-situ grown CdS quantum dots. <i>AIP Conference Proceedings</i> , 2010, , .	0.3	2
52	Solvent effects on spectral emission of PVK and PVK-Ir(ppy) <sub>3</sub> based OLEDs. , 2012, , .		2
53	ITO-free Anode with Plasmonic Silver Nanoparticles for High Efficient Polymer Solar Cells. <i>Energy Procedia</i> , 2014, 60, 13-22.	1.8	2
54	FLEXIBLE SUBSTRATES COMPARISON FOR PLED TECHNOLOGY. <i>AIP Conference Proceedings</i> , 2008, , .	0.3	1

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55	OLED with Hole-Transporting Layer Fabricated by Ink-Jet Printing. <i>Macromolecular Symposia</i> , 2009, 286, 101-106.	0.4	1
56	Functional Polymeric Coatings for CsI(Tl) Scintillators. <i>Coatings</i> , 2021, 11, 1279.	1.2	1
57	INK-JET PRINTING OF PF6 FOR OLED APPLICATIONS. <i>AIP Conference Proceedings</i> , 2008, , .	0.3	0
58	Hole injection layer containing Polyaniline-Poly (4-styrenesulfonate) for efficient organic light-emitting diodes. , 2010, , .		0
59	Organic LED safe-operating area investigated through high applied field dependences. , 2012, , .		0
60	Conductive nanocomposite films based on functionalized double-walled carbon nanotubes dispersed in PEDOT:PSS. , 2012, , .		0
61	Photoluminescence and energy transfer in PVK/DCM blends. , 2012, , .		0
62	Study of aging in pentacene/CYTOP based metal-insulator-semiconductor photosensors. , 2012, , .		0
63	Printing on demand of polymer micro lenses array. <i>Proceedings of SPIE</i> , 2014, , .	0.8	0
64	Pyro-printing on demand of polymer microlenses. , 2014, , .		0
65	Light extraction in organic light-emitting diode using PDMS/TiO <sub>2</sub> scattering substrates. , 2014, , .		0
66	Photonic quasi crystals to enhance light extraction efficiency for White OLEDs applications. , 2014, , .		0
67	Impedance spectroscopy on ITO-free polymer solar cells. , 2014, , .		0
68	Photometric Station for In-Vitro Diagnostic Analysis Through the Use of Organic-Based Opto-electronic Devices and Photonic Crystals. <i>Lecture Notes in Electrical Engineering</i> , 2021, , 183-189.	0.3	0
69	Emission Properties of Polydioctylfluorene and InP/ZnS Quantum Dots Nanocomposites Devices. <i>Sensor Letters</i> , 2013, 11, 1504-1508.	0.4	0