

# Franco Cacialli

## List of Publications by Year in descending order

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326  
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19925

58  
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19606

112  
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341  
all docs

341  
docs citations

341  
times ranked

13765  
citing authors

#	ARTICLE	IF	CITATIONS
1	Inorganic caesium lead iodide perovskite solar cells. <i>Journal of Materials Chemistry A</i> , 2015, 3, 19688-19695.	10.5	1,521
2	Work Functions and Surface Functional Groups of Multiwall Carbon Nanotubes. <i>Journal of Physical Chemistry B</i> , 1999, 103, 8116-8121.	2.7	920
3	Molecular-scale interface engineering for polymer light-emitting diodes. <i>Nature</i> , 2000, 404, 481-484.	36.3	769
4	Indium-tin oxide treatments for single- and double-layer polymeric light-emitting diodes: The relation between the anode physical, chemical, and morphological properties and the device performance. <i>Journal of Applied Physics</i> , 1998, 84, 6859-6870.	2.3	600
5	Built-in field electroabsorption spectroscopy of polymer light-emitting diodes incorporating a doped poly(3,4-ethylene dioxythiophene) hole injection layer. <i>Applied Physics Letters</i> , 1999, 75, 1679-1681.	3.3	493
6	Cyclodextrin-threaded conjugated polyrotaxanes as insulated molecular wires with reduced interstrand interactions. <i>Nature Materials</i> , 2002, 1, 160-164.	26.7	477
7	Near-Infrared (NIR) Organic Light-Emitting Diodes (OLEDs): Challenges and Opportunities. <i>Advanced Functional Materials</i> , 2019, 29, 1807623.	16.4	411
8	Highly efficient perovskite solar cells for light harvesting under indoor illumination via solution processed SnO <sub>2</sub> /MgO composite electron transport layers. <i>Nano Energy</i> , 2018, 49, 290-299.	16.5	223
9	Improved operational stability of polyfluorene-based organic light-emitting diodes with plasma-treated indium-tin-oxide anodes. <i>Applied Physics Letters</i> , 1999, 74, 3084-3086.	3.3	211
10	Kelvin probe and ultraviolet photoemission measurements of indium tin oxide work function: a comparison. <i>Synthetic Metals</i> , 2000, 111-112, 311-314.	4.1	176
11	Surface energy and polarity of treated indium-tin-oxide anodes for polymer light-emitting diodes studied by contact-angle measurements. <i>Journal of Applied Physics</i> , 1999, 86, 2774-2778.	2.3	155
12	X-ray photoelectron spectroscopy of surface-treated indium-tin oxide thin films. <i>Chemical Physics Letters</i> , 1999, 315, 307-312.	2.7	154
13	LiF/Al cathodes and the effect of LiF thickness on the device characteristics and built-in potential of polymer light-emitting diodes. <i>Applied Physics Letters</i> , 2000, 77, 3096-3098.	3.3	154
14	Optically switchable organic light-emitting transistors. <i>Nature Nanotechnology</i> , 2019, 14, 347-353.	30.5	150
15	Synthesis of Conjugated Polyrotaxanes. <i>Chemistry - A European Journal</i> , 2003, 9, 6167-6176.	3.9	149
16	Efficient electron injection in blue-emitting polymer light-emitting diodes with LiF/Ca/Al cathodes. <i>Applied Physics Letters</i> , 2001, 79, 174-176.	3.3	148
17	Electronic line-up in light-emitting diodes with alkali-halide/metal cathodes. <i>Journal of Applied Physics</i> , 2003, 93, 6159-6172.	2.3	147
18	Near-infrared electroluminescence of polymer light-emitting diodes doped with a lissamine-sensitized Nd <sup>3+</sup> complex. <i>Applied Physics Letters</i> , 2001, 78, 2122-2124.	3.3	137

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19	High-efficiency oligothiophene-based light-emitting diodes. Applied Physics Letters, 1999, 75, 439-441.	3.3	117
20	Near-field optical lithography of a conjugated polymer. Applied Physics Letters, 2003, 82, 526-528.	3.3	114
21	Highly Efficient Solid-State Near-infrared Organic Light-Emitting Diodes incorporating A-D-A Dyes based on 1,1',2,2'-unsubstituted $\beta$ -BODIPY Moieties. Scientific Reports, 2017, 7, 1611.	3.5	114
22	Suppression of Green Emission in a New Class of Blue-Emitting Polyfluorene Copolymers with Twisted Biphenyl Moieties. Advanced Functional Materials, 2005, 15, 981-988.	16.4	108
23	Linear and Cyclic Porphyrin Hexamers as Near-Infrared Emitters in Organic Light-Emitting Diodes. Nano Letters, 2011, 11, 2451-2456.	9.5	107
24	Visible light communication with efficient far-red/near-infrared polymer light-emitting diodes. Light: Science and Applications, 2020, 9, 70.	16.2	106
25	Improved efficiency of light-emitting diodes based on polyfluorene blends upon insertion of a poly(p-phenylene vinylene) electron- confinement layer. Applied Physics Letters, 2002, 80, 2436-2438.	3.3	105
26	Thermochemical nanopatterning of organic semiconductors. Nature Nanotechnology, 2009, 4, 664-668.	30.5	104
27	On the analysis of chemical kinetics system pertaining to a fractional derivative with Mittag-Leffler type kernel. Chaos, 2017, 27, 103113.	2.6	104
28	Synthesis and Exciton Dynamics of Donor-Orthogonal Acceptor Conjugated Polymers: Reducing the Singlet-Triplet Energy Gap. Journal of the American Chemical Society, 2017, 139, 11073-11080.	14.6	103
29	Modified Oligothiophenes with High Photo- and Electroluminescence Efficiencies. Advanced Materials, 1999, 11, 1375-1379.	24.1	102
30	Naphthalimide side-chain polymers for organic light-emitting diodes: Band-offset engineering and role of polymer thickness. Journal of Applied Physics, 1998, 83, 2343-2356.	2.3	97
31	Increase of charge carriers density and reduction of Hall mobilities in oxygen-plasma treated indium-tin oxide anodes. Applied Physics Letters, 1999, 75, 19-21.	3.3	94
32	Large Work Function Shift of Gold Induced by a Novel Perfluorinated Azobenzene-Based Self-Assembled Monolayer. Advanced Materials, 2013, 25, 432-436.	24.1	94
33	Light-emitting diodes based on poly(methacrylates) with distyrylbenzene and oxadiazole side chains. Synthetic Metals, 1995, 75, 161-168.	4.1	92
34	Supramolecular Complexes of Conjugated Polyelectrolytes with Poly(ethylene oxide): Multifunctional Luminescent Semiconductors Exhibiting Electronic and Ionic Transport. Advanced Materials, 2005, 17, 2659-2663.	24.1	91
35	Electric-Field-Assisted Alignment of Supramolecular Fibers. Advanced Materials, 2006, 18, 1276-1280.	24.1	91
36	Oxidised carbon nanotubes as solution processable, high work function hole-extraction layers for organic solar cells. Organic Electronics, 2009, 10, 388-395.	2.8	90

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37	Charge transport polymers for light emitting diodes. <i>Advanced Materials</i> , 1995, 7, 898-900.	24.1	89
38	Surface conditioning of indium-tin oxide anodes for organic light-emitting diodes. <i>Thin Solid Films</i> , 2003, 445, 358-366.	1.9	85
39	Efficient photo and electroluminescence of regioregular poly(alkylthiophene)s. <i>Journal of Applied Physics</i> , 1998, 84, 6279-6284.	2.3	84
40	Emission enhancement in single-layer conjugated polymer microcavities. <i>Journal of Applied Physics</i> , 1996, 80, 207-215.	2.3	82
41	Non-conventional Processing and Post-processing Methods for the Nanostructuring of Conjugated Materials for Organic Electronics. <i>Advanced Functional Materials</i> , 2011, 21, 1279-1295.	16.4	82
42	Synthesis and luminescence properties of three novel polyfluorene copolymers. <i>Polymer</i> , 2003, 44, 1843-1850.	3.9	76
43	Efficient blue LEDs from a partially conjugated Si-containing PPV copolymer in a double-layer configuration. <i>Advanced Materials</i> , 1997, 9, 127-131.	24.1	75
44	De-mixing of Polyfluorene-Based Blends by Contact with Acetone: Electro- and Photo-luminescence Probes. <i>Advanced Materials</i> , 2001, 13, 810-814.	24.1	74
45	Visible light communications: real time 10 Mb/s link with a low bandwidth polymer light-emitting diode. <i>Optics Express</i> , 2014, 22, 2830.	3.4	74
46	Characterization of properties of polymeric light-emitting diodes over extended periods. <i>Synthetic Metals</i> , 1994, 67, 157-160.	4.1	72
47	Highly Luminescent Encapsulated Narrow Bandgap Polymers Based on Diketopyrrolopyrrole. <i>Journal of the American Chemical Society</i> , 2018, 140, 1622-1626.	14.6	72
48	Light-emitting electrochemical cells using polymeric ionic liquid/polyfluorene blends as luminescent material. <i>Applied Physics Letters</i> , 2010, 96, .	3.3	66
49	Tuning Intrachain versus Interchain Photophysics via Control of the Threading Ratio of Conjugated Polyrtoxanes. <i>Nano Letters</i> , 2008, 8, 4546-4551.	9.5	64
50	Amylose-wrapped luminescent conjugated polymers. <i>Chemical Communications</i> , 2008, , 2797.	4.2	62
51	Photoinduced work function changes by isomerization of a densely packed azobenzene-based SAM on Au: a joint experimental and theoretical study. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 14302.	2.9	62
52	Tetraphenylethylene-BODIPY aggregation-induced emission luminogens for near-infrared polymer light-emitting diodes. <i>Science China Chemistry</i> , 2018, 61, 932-939.	8.8	62
53	A blue light emitting copolymer with charge transporting and photo-crosslinkable functional units. <i>Synthetic Metals</i> , 1997, 84, 437-438.	4.1	61
54	Micro-focused X-ray diffraction characterization of high-quality [6,6]-phenyl-C61-butyric acid methyl ester single crystals without solvent impurities. <i>Journal of Materials Chemistry C</i> , 2013, 1, 5619.	5.6	61

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55	White Electroluminescence by Supramolecular Control of Energy Transfer in Blends of Organic-Soluble Encapsulated Polyfluorenes. <i>Advanced Functional Materials</i> , 2010, 20, 272-280.	16.4	60
56	A study of the ITO-on-PPV interface using photoelectron spectroscopy. <i>Synthetic Metals</i> , 1998, 92, 207-211.	4.1	58
57	Characterisation of the properties of surface-treated indium-tin oxide thin films. <i>Synthetic Metals</i> , 1999, 101, 111-112.	4.1	58
58	Tuning the red emission of a soluble poly(p-phenylene vinylene) upon grafting of porphyrin side groups. <i>Chemical Physics Letters</i> , 2000, 325, 552-558.	2.7	58
59	Resistive switching characteristics of all-solution-based Ag/TiO <sub>2</sub> /Mo-doped In <sub>2</sub> O <sub>3</sub> devices for non-volatile memory applications. <i>Journal of Materials Chemistry C</i> , 2016, 4, 10967-10972.	5.6	58
60	Contact optimization in polymer light-emitting diodes. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2003, 41, 2649-2664.	2.4	56
61	Control of Rapid Formation of Interchain Excited States in Sugar-Threaded Supramolecular Wires. <i>Advanced Materials</i> , 2008, 20, 3218-3223.	24.1	56
62	First energy transfer and control of the luminescence in blends of an orange-emitting poly(p-phenylenevinylene) and a red-emitting tetraphenylporphyrin. <i>Journal of Materials Chemistry</i> , 2001, 11, 278-283.	6.7	55
63	Novel poly(arylene vinylene)s carrying donor and acceptor substituents. <i>Synthetic Metals</i> , 1996, 76, 165-167.	4.1	54
64	New CF <sub>3</sub> -substituted PPV-type oligomers and polymers for use as hole blocking layers in LEDs. <i>Synthetic Metals</i> , 1997, 84, 293-294.	4.1	54
65	Light-emitting devices based on a poly(p-phenylene vinylene) derivative with ion-coordinating side groups. <i>Journal of Applied Physics</i> , 1999, 86, 6392-6395.	2.3	54
66	Modifying the Size of Ultrasound-Induced Liquid-Phase Exfoliated Graphene: From Nanosheets to Nanodots. <i>ACS Nano</i> , 2016, 10, 10768-10777.	15.2	54
67	Light-Emitting Devices Based on a Poly(p-phenylenevinylene) Statistical Copolymer with Oligo(ethylene) Tj ETQq1 1_0.784314.rgBT /C	5.1	53
68	Neutron Radiation Tolerance of Two Benchmark Thiophene-Based Conjugated Polymers: the Importance of Crystallinity for Organic Avionics. <i>Scientific Reports</i> , 2017, 7, 41013.	3.5	53
69	Synthesis and Optoelectronic Properties of Nonpolar Polyrotaxane Insulated Molecular Wires with High Solubility in Organic Solvents. <i>Advanced Functional Materials</i> , 2008, 18, 3367-3376.	16.4	52
70	Polymorphism, Fluorescence, and Optoelectronic Properties of a Borazine Derivative. <i>Chemistry - A European Journal</i> , 2013, 19, 7771-7779.	3.9	52
71	Perspectives of Organic and Perovskite-Based Spintronics. <i>Advanced Optical Materials</i> , 2021, 9, 2100215.	7.8	52
72	Workfunction of purified and oxidised carbon nanotubes. <i>Synthetic Metals</i> , 1999, 103, 2494-2495.	4.1	51

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73	Wavelength-Multiplexed Polymer LEDs: Towards 55 Mb/s Organic Visible Light Communications. IEEE Journal on Selected Areas in Communications, 2015, 33, 1819-1828.	15.9	51
74	Towards efficient near-infrared fluorescent organic light-emitting diodes. Light: Science and Applications, 2021, 10, 18.	16.2	51
75	Preparation and Characterization of Dense Films of Poly(amidoamine) Dendrimers on Indium Tin Oxide. Langmuir, 2007, 23, 8916-8924.	3.7	50
76	Time dependence and freezing-in of the electrode oxygen plasma-induced work function enhancement in polymer semiconductor heterostructures. Organic Electronics, 2011, 12, 623-633.	2.8	50
77	Emission Color Trajectory and White Electroluminescence Through Supramolecular Control of Energy Transfer and Exciplex Formation in Binary Blends of Conjugated Polyrotaxanes. Advanced Functional Materials, 2012, 22, 4284-4291.	16.4	50
78	Triazolobenzothiadiazole-Based Copolymers for Polymer Light-Emitting Diodes: Pure Near-Infrared Emission via Optimized Energy and Charge Transfer. Advanced Optical Materials, 2016, 4, 2068-2076.	7.8	49
79	Efficient Near-Infrared Electroluminescence at 840 nm with a Metal-Free Small Molecule: Polymer Blends. Advanced Materials, 2018, 30, e1706584.	24.1	49
80	Optical and Electroluminescent Properties of Conjugated Polyrotaxanes. Small, 2010, 6, 2796-2820.	11.1	48
81	Efficient green light-emitting diodes from a phenylated derivative of poly(p-phenylene vinylene). Applied Physics Letters, 1996, 69, 3794-3796.	3.3	46
82	The synthesis, optical and charge transport properties of poly(aromatic oxadiazole)s. Synthetic Metals, 1996, 76, 153-156.	4.1	45
83	Polyfluorene-based light-emitting diodes with an azide photocross-linked poly(3,4-ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tj 103308.	3.3	45
84	Excitation energy transfer and spatial exciton confinement in polyfluorene blends for application in light-emitting diodes. Journal of Materials Chemistry, 2002, 12, 3523-3527.	6.7	43
85	Synthesis of a polyphenylene light-emitting polymer. Synthetic Metals, 1994, 67, 161-163.	4.1	41
86	Ultraviolet-visible near-field microscopy of phase-separated blends of polyfluorene-based conjugated semiconductors. Applied Physics Letters, 2001, 79, 833-835.	3.3	41
87	Electrochemical and luminescent properties of poly(fluorene) derivatives for optoelectronic applications. Chemical Communications, 2001, , 1216-1217.	4.2	41
88	Lanthanide-Induced Photoluminescence in Lead-Free Cs <sub>2</sub> AgBiBr <sub>6</sub> Bulk Perovskite: Insights from Optical and Theoretical Investigations. Journal of Physical Chemistry Letters, 2020, 11, 8893-8900.	4.9	41
89	Chiral Oligothiophenes with Remarkable Circularly Polarized Luminescence and Electroluminescence in Thin Films. Chemistry - A European Journal, 2020, 26, 16622-16627.	3.9	41
90	Tuning the optoelectronic properties of polyfluorenes by copolymerisation with thiophene moieties. Synthetic Metals, 2002, 127, 251-254.	4.1	40

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91	Thia- and selena-diazole containing polymers for near-infrared light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2015, 3, 2792-2797.	5.6	40
92	High-Resolution Scanning Near-Field Optical Lithography of Conjugated Polymers. <i>Advanced Functional Materials</i> , 2010, 20, 2842-2847.	16.4	39
93	10-Gb/s visible light transmission system using a polymer light-emitting diode with orthogonal frequency division multiplexing. <i>Optics Letters</i> , 2014, 39, 3876.	3.4	39
94	Straightforward access to diketopyrrolopyrrole (DPP) dimers. <i>Dyes and Pigments</i> , 2013, 97, 198-208.	3.9	38
95	Multifunctional materials for OFETs, LEFETs and NIR PLEDs. <i>Journal of Materials Chemistry C</i> , 2014, 2, 5133-5141.	5.6	38
96	Environmental aging of poly(p-phenylenevinylene) based light-emitting diodes. <i>Synthetic Metals</i> , 2000, 114, 189-196.	4.1	37
97	Gas and vapour effects on the resistance fluctuation spectra of conducting polymer thin-film resistors. <i>Sensors and Actuators B: Chemical</i> , 1994, 19, 421-425.	8.0	36
98	Luminescence properties of poly(p-phenylenevinylene): Role of the conversion temperature on the photoluminescence and electroluminescence efficiencies. <i>Journal of Applied Physics</i> , 1999, 85, 1784-1791.	2.3	36
99	Cyclodextrin-Threaded Conjugated Polyrotaxanes for Organic Electronics: The Influence of the Counter Cations. <i>Advanced Functional Materials</i> , 2008, 18, 2419-2427.	16.4	36
100	Enhanced crystallinity and film retention of P3HT thin-films for efficient organic solar cells by use of preformed nanofibers in solution. <i>Journal of Materials Chemistry C</i> , 2013, 1, 7748.	5.6	36
101	Perovskite solar cell resilience to fast neutrons. <i>Sustainable Energy and Fuels</i> , 2019, 3, 2561-2566.	4.8	36
102	Organic semiconductors for the new millennium. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2000, 358, 173-192.	3.5	35
103	Self-assembly surface modified indium-tin oxide anodes for single-layer light-emitting diodes. <i>Journal Physics D: Applied Physics</i> , 2003, 36, 434-438.	2.9	35
104	Influence of cyclodextrin size on fluorescence quenching in conjugated polyrotaxanes by methyl viologen in aqueous solution. <i>Journal of Materials Chemistry</i> , 2009, 19, 2846.	6.7	35
105	Supramolecular architectures. <i>Materials Today</i> , 2004, 7, 24-32.	18.1	34
106	Ultra-broad Optical Amplification and Two-colour Amplified Spontaneous Emission in Binary Blends of Insulated Molecular Wires. <i>Advanced Materials</i> , 2010, 22, 3690-3694.	24.1	34
107	Near-Infrared Polymer Light-Emitting Diodes Based on Low-Energy Gap Oligomers Copolymerized into a High-Gap Polymer Host. <i>Macromolecular Rapid Communications</i> , 2013, 34, 990-996.	4.4	34
108	Ionic Strength Responsive Sulfonated Polystyrene Opals. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 4818-4827.	8.3	34

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109	Structural and dynamical characterization of P3HT/PCBM blends. <i>Chemical Physics</i> , 2013, 427, 142-146.	2.0	33
110	Light-emitting and photoconductive diodes fabricated with conjugated polymers. <i>Thin Solid Films</i> , 1996, 276, 13-20.	1.9	32
111	Efficient red electroluminescence from diketopyrrolopyrrole copolymerised with a polyfluorene. <i>APL Materials</i> , 2013, 1, .	4.8	32
112	Surface wetting properties of treated indium tin oxide anodes for polymer light-emitting diodes. <i>Synthetic Metals</i> , 2000, 111-112, 369-372.	4.1	31
113	Dual functions of a novel low-gap polymer for near infra-red photovoltaics and light-emitting diodes. <i>Chemical Communications</i> , 2011, 47, 8820.	4.2	31
114	A Conjugated Thiophene-Based Rotaxane: Synthesis, Spectroscopy, and Modeling. <i>Chemistry - A European Journal</i> , 2010, 16, 3933-3941.	3.9	29
115	Optical and morphological investigations of non-homogeneity in polyfluorene blends. <i>Synthetic Metals</i> , 2001, 124, 63-66.	4.1	28
116	Synthesis, Characterization, and Surface Initiated Polymerization of Carbazole Functionalized Isocyanides. <i>Chemistry of Materials</i> , 2010, 22, 2597-2607.	7.0	28
117	Immune responses of <i>Octopus vulgaris</i> (Mollusca: Cephalopoda) exposed to titanium dioxide nanoparticles. <i>Journal of Experimental Marine Biology and Ecology</i> , 2013, 447, 123-127.	1.5	28
118	Local Probing of Photocurrent and Photoluminescence in a Phase-Separated Conjugated-Polymer Blend by Means of Near-Field Excitation. <i>Advanced Functional Materials</i> , 2006, 16, 469-476.	16.4	27
119	Optical mode structure in a single-layer polymer microcavity. <i>Synthetic Metals</i> , 1996, 76, 137-140.	4.1	26
120	Surface and bulk phenomena in conjugated polymers devices. <i>Synthetic Metals</i> , 2000, 109, 7-11.	4.1	26
121	Effect of poly(3,4-ethylene dioxythiophene) on the built-in field in polymer light-emitting diodes probed by electroabsorption spectroscopy. <i>Synthetic Metals</i> , 2000, 111-112, 285-287.	4.1	26
122	Highly Polarized Emission from Oriented Films Incorporating Water-Soluble Conjugated Polymers in a Polyvinyl Alcohol Matrix. <i>Advanced Materials</i> , 2011, 23, 1855-1859.	24.1	26
123	A 20-Mb/s VLC Link With a Polymer LED and a Multilayer Perceptron Equalizer. <i>IEEE Photonics Technology Letters</i> , 2014, 26, 1975-1978.	2.5	26
124	Suppressing Solid-State Quenching in Red-Emitting Conjugated Polymers. <i>Chemistry of Materials</i> , 2020, 32, 10140-10145.	7.0	26
125	Blue light-emitting diodes from a meta-linked 2,3 substituted alkoxy poly(p-phenylenevinylene). <i>Synthetic Metals</i> , 2000, 111-112, 155-158.	4.1	25
126	Synthesis of type II/type I CdTe/CdS/ZnS quantum dots and their use in cellular imaging. <i>Journal of Materials Chemistry</i> , 2009, 19, 8341.	6.7	25



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127	Effect of permethylated $\beta$ -cyclodextrin on the photophysical properties of poly[2,7-(9,9-dioctylfluorene)- <i>co</i> -(5,5'-bithiophene)] main chain polyrotaxanes. <i>Journal of Polymer Science Part A</i> , 2014, 52, 460-471.	2.4	25
128	Doubly Encapsulated Perylene Diimides: Effect of Molecular Encapsulation on Photophysical Properties. <i>Journal of Organic Chemistry</i> , 2020, 85, 207-214.	3.3	25
129	Sensing properties of polypyrrole-polytetrafluoroethylene composite thin films from granular metal-polymer precursors. <i>Sensors and Actuators A: Physical</i> , 1992, 32, 313-317.	4.2	24
130	Holographic nanopatterning of the organic semiconductor poly(p-phenylene vinylene). <i>Applied Physics Letters</i> , 1998, 73, 3926-3928.	3.3	24
131	Light-emitting electrochemical cells based on poly(p-phenylene vinylene) copolymers with ion-transporting side groups. <i>Synthetic Metals</i> , 2001, 122, 111-113.	4.1	24
132	Photoacid cross-linkable polyfluorenes for optoelectronics applications. <i>Synthetic Metals</i> , 2008, 158, 643-653.	4.1	24
133	Self-Assembled Conjugated Thiophene-Based Rotaxane Architectures: Structural, Computational, and Spectroscopic Insights into Molecular Aggregation. <i>Advanced Functional Materials</i> , 2011, 21, 834-844.	16.4	24
134	High finesse organic microcavities. <i>Optical Materials</i> , 1998, 9, 18-24.	3.7	23
135	Efficient blue-green light emitting poly(1,4-phenylene vinylene) copolymers. <i>Chemical Communications</i> , 2000, , 291-292.	4.2	23
136	Fabrication of conjugated polymers nanostructures via direct near-field optical lithography. <i>Ultramicroscopy</i> , 2004, 100, 449-455.	1.9	23
137	Luminescent Neutral Cu(I) Complexes: Synthesis, Characterization and Application in Solution-Processed OLED. <i>ECS Journal of Solid State Science and Technology</i> , 2016, 5, R83-R90.	1.9	23
138	Black GaAs by Metal-Assisted Chemical Etching. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 33434-33440.	8.3	23
139	A green emitting, alkoxy disubstituted poly(p-phenylene vinylene) for Electroluminescent Devices. <i>Synthetic Metals</i> , 1999, 102, 924-925.	4.1	22
140	Electrochemical and Electroluminescent Properties of Random Copolymers of Fluorine- and Alkoxy-Substituted Poly(p-phenylene vinylene)s. <i>Macromolecules</i> , 2000, 33, 3337-3341.	5.1	22
141	Optical probing of sample heating in scanning near-field experiments with apertured probes. <i>Applied Physics Letters</i> , 2005, 86, 011102.	3.3	22
142	The Built-in Potential in Blue Polyfluorene-Based Light-Emitting Diodes. <i>Advanced Materials</i> , 2008, 20, 2410-2415.	24.1	22
143	Low-temperature treatment of semiconducting interlayers for high-efficiency light-emitting diodes based on a green-emitting polyfluorene derivative. <i>Applied Physics Letters</i> , 2011, 99, .	3.3	22
144	Resonance Raman Investigation of $\beta$ -Cyclodextrin-Encapsulated $\pi$ -Conjugated Polymers. <i>Journal of Physical Chemistry B</i> , 2013, 117, 5737-5747.	2.7	22

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145	Conjugated and electroluminescent polymers. <i>Current Opinion in Colloid and Interface Science</i> , 1999, 4, 159-164.	8.1	21
146	Electroluminescence lifetime and efficiency of polymer LEDs with surface-treated anodes. <i>Synthetic Metals</i> , 1999, 102, 1065-1066.	4.1	21
147	Synthesis and Photophysics of Coaxial Threaded Molecular Wires: Polyrotaxanes with Triarylamine Jackets. <i>Journal of Physical Chemistry C</i> , 2014, 118, 4553-4566.	3.3	21
148	Luminescent Properties of a Water-Soluble Conjugated Polymer Incorporating Graphene-Oxide Quantum Dots. <i>ChemPhysChem</i> , 2015, 16, 1258-1262.	2.3	21
149	Low-Temperature Solution-Processed Thin SnO <sub>2</sub> /Al <sub>2</sub> O <sub>3</sub> Double Electron Transport Layers Toward 20% Efficient Perovskite Solar Cells. <i>IEEE Journal of Photovoltaics</i> , 2019, 9, 1309-1315.	2.6	21
150	Luminescence properties of PPV-based copolymers with crown ether substituents. <i>Synthetic Metals</i> , 2000, 111-112, 449-452.	4.1	20
151	Versatile synthesis of various conjugated aromatic homo- and copolymers. <i>Synthetic Metals</i> , 2001, 122, 1-5.	4.1	20
152	Local Surface Potential of Conjugated Nanostructures by Kelvin Probe Force Microscopy: Effect of the Sampling Depth. <i>Small</i> , 2011, 7, 634-639.	11.1	20
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