Roberto Zamboni

List of Publications by Year
in descending order

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177	5,048	76326	114465
papers	citations	40	63
		h-index	g-index

179	179	179	4835
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Supramolecular organization in ultra-thin films of Î±-sexithiophene on silicon dioxide. Nature Materials, 2004, 4, 81-85.	27.5	205
2	The chemical and electronic structure of the interface between aluminum and polythiophene semiconductors. Journal of Chemical Physics, 1993, 99, 664-672.	3.0	162
3	Scaling Behavior of Anisotropic Organic Thin Films Grown in High Vacuum. Physical Review Letters, 1997, 78, 2389-2392.	7.8	158
4	A transparent organic transistor structure for bidirectional stimulation and recording of primaryÂneurons. Nature Materials, 2013, 12, 672-680.	27.5	145
5	Growth of conjugated oligomer thin films studied by atomic-force microscopy. Physical Review B, 1995, 52, 14868-14877.	3.2	141
6	Integration of silk protein in organic and light-emitting transistors. Organic Electronics, 2011, 12, 1146-1151.	2.6	137
7	Electrical characteristics of field-effect transistors formed with ordered Î±-sexithienyl. Synthetic Metals, 1993, 54, 447-452.	3.9	131
8	Morphology and Field-Effect-Transistor Mobility in Tetracene Thin Films. Advanced Functional Materials, 2005, 15, 375-380.	14.9	111
9	Location of the low-energy1Agstate in a polythiophene oligomer by two-photon absorption spectroscopy: Î±-sexithienyl. Physical Review Letters, 1992, 68, 919-922.	7.8	110
10	Tetracene-based organic light-emitting transistors: optoelectronic properties and electron injection mechanism. Synthetic Metals, 2004, 146, 329-334.	3.9	104
11	Infrared photoinduced absorption in the YBa2Cu3O7â^'y high Tc superconducting system. Solid State Communications, 1988, 66, 487-490.	1.9	103
12	J-Aggregation in Î±-Sexithiophene Submonolayer Films on Silicon Dioxide. Journal of the American Chemical Society, 2006, 128, 4277-4281.	13.7	99
13	Location of charge transfer states in Î±-sexithienyl determined by the electroabsorption technique. Chemical Physics Letters, 1995, 232, 401-406.	2.6	95
14	Blue Luminescence of Facial Tris(quinolin-8-olato)aluminum(III) in Solution, Crystals, and Thin Films. Advanced Materials, 2004, 16, 861-864.	21.0	87
15	Tetracene light-emitting transistors on flexible plastic substrates. Applied Physics Letters, 2005, 86, 141106.	3.3	85
16	Wave-dispersed third-order nonlinear optical properties of C60 thin films. Chemical Physics Letters, 1994, 217, 418-422.	2.6	82
17	Degradation of organic light-emitting diodes under different environment at high drive conditions. Organic Electronics, 2007, 8, 37-43.	2.6	78
18	Low-threshold blue lasing from silk fibroin thin films. Applied Physics Letters, 2012, 101, 091110.	3.3	77

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19	Size of Electron-Hole Pairs inÏ€-Conjugated Systems. Physical Review Letters, 1999, 83, 1443-1446.	7.8	70
20	Light-induced oxygen incision of C60. Journal of the Chemical Society Chemical Communications, 1993, , 220.	2.0	67
21	The chemical and electronic structure of the interface between aluminum and conjugated polymers or molecules. Synthetic Metals, 1993, 55, 212-217.	3.9	64
22	Nonlinear-optical response in polythiophene films using four-wave mixing techniques. Optics Letters, 1989, 14, 1321.	3.3	63
23	Anisotropic Ordered Planar Growth of Î±-Sexithienyl Thin Films. Journal of Physical Chemistry B, 1999, 103, 7788-7795.	2.6	62
24	Polarised Electroluminescence from Vacuum-Grown Organic Light-Emitting Diodes. Europhysics Letters, 1995, 32, 523-528.	2.0	59
25	A silk platform that enables electrophysiology and targeted drug delivery in brain astroglial cells. Biomaterials, 2010, 31, 7883-7891.	11.4	59
26	Conformational Self-Recognition as the Origin of Dewetting in Bistable Molecular Surfaces. Journal of Physical Chemistry B, 2001, 105, 10826-10830.	2.6	57
27	Optical, electrical and structural comparative study of polycondensed thiophene based polymers. Synthetic Metals, 1987, 18, 177-182.	3.9	54
28	Evidence of strong electron-phonon coupling from infrared excited Raman scattering in the YBa2Cu3O7-y superconducting system. Solid State Communications, 1989, 70, 813-816.	1.9	54
29	Disorder influenced optical properties of Î±-sexithiophene single crystals and thin evaporated films. Chemical Physics, 1998, 227, 49-56.	1.9	54
30	Mechanism of dark-spot degradation of organic light-emitting devices. Applied Physics Letters, 2005, 86, 041105.	3.3	53
31	Biofunctional Silk/Neuron Interfaces. Advanced Functional Materials, 2012, 22, 1871-1884.	14.9	52
32	Keratin-hydrotalcites hybrid films for drug delivery applications. European Polymer Journal, 2018, 105, 177-185.	5.4	50
33	Organic light emitting diodes with spin polarized electrodes. Journal of Applied Physics, 2003, 93, 7682-7683.	2.5	49
34	Optical properties of a low energy gap conducting polymer: Polydithieno[3,4-b:â€²,4â€²-d]thiophene. Synthetic Metals, 1989, 28, 507-514.	3.9	47
35	Optical, electrical and electrochemical characterization of electrosynthesized polythieno(3,2-b)thiophene. Synthetic Metals, 1986, 13, 325-328.	3.9	45
36	The intramolecular vibrations of prototypical polythiophenes. Journal of Chemical Physics, 1996, 104, 9704-9718.	3.0	44

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37	Effect of different fabrication methods on the chemo-physical properties of silk fibroin films and on their interaction with neural cells. RSC Advances, 2016, 6, 9304-9314.	3.6	43
38	Electronic levels ordering in Î±-sexithienyl. Synthetic Metals, 1993, 54, 57-66.	3.9	42
39	Poly(dithieno[3,4-b:3â€²,4â€²-d]thiophene): a new transparent conducting polymer. Journal of the Chemical Society Chemical Communications, 1988, , 246-247.	2.0	41
40	Nano-hybrid electrospun non-woven mats made of wool keratin and hydrotalcites as potential bio-active wound dressings. Nanoscale, 2019, 11, 6422-6430.	5.6	41
41	A nanostructured conductive bio-composite of silk fibroinâ€“single walled carbon nanotubes. Journal of Materials Chemistry B, 2014, 2, 1424.	5.8	40
42	Nonlinear optical properties of fullerenes. Synthetic Metals, 1996, 77, 257-263.	3.9	37
43	LRRC8A is essential for swellingâ€activated chloride current and for regulatory volume decrease in astrocytes. FASEB Journal, 2019, 33, 101-113.	0.5	37
44	Innovative Multifunctional Silk Fibroin and Hydrotalcite Nanocomposites: A Synergic Effect of the Components. Biomacromolecules, 2014, 15, 158-168.	5.4	35
45	Energy-dependent branching between fluorescence and singlet exciton dissociation in sexithienyl thin films. Chemical Physics Letters, 1993, 216, 418-423.	2.6	34
46	Absorption at the dipole-forbidden optical gap of crystalline C60. Chemical Physics Letters, 1995, 236, 135-140.	2.6	33
47	Organic light-emitting transistors using concentric source/drain electrodes on a molecular adhesion layer. Applied Physics Letters, 2006, 88, 163511.	3.3	33
48	Electronic and infrared properties of the Î±-sexithienyl single crystal. Synthetic Metals, 1991, 42, 2359-2362.	3.9	32
49	Efficient light extraction and beam shaping from flexible, optically integrated organic light-emitting diodes. Applied Physics Letters, 2006, 88, 153514.	3.3	32
50	Silk doped with a bio-modified dye as a viable platform for eco-friendly luminescent solar concentrators. RSC Advances, 2012, 2, 8610.	3.6	32
51	The Origin of Photoluminescence from Î±-Sexithienyl Thin Films. Journal of Physical Chemistry B, 1998, 102, 7563-7567.	2.6	31
52	Integration of a silk fibroin based film as a luminescent down-shifting layer in ITO-free organic solar cells. RSC Advances, 2014, 4, 44815-44822.	3.6	31
53	Hydrogen and humidity sensing properties of C60 thin films. Synthetic Metals, 1996, 77, 273-275.	3.9	30
54	Dispersion of Third-Harmonic-Generation Optical Susceptibility inC70Thin Films. Physical Review Letters, 1994, 73, 1617-1620.	7.8	29

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55	Assignment of fundamental vibrations and estimation of electron-molecular vibration coupling constants for bis(ethylenedioxy)tetrathiafulvalene (BEDO). Synthetic Metals, 1993, 56, 2364-2371.	3.9	28
56	Location of the lowest exciton in C60 single crystal by two-photon excitation spectroscopy. Chemical Physics Letters, 1995, 245, 107-112.	2.6	28
57	The nature of emitting states in electroluminescence of polymeric films doped with anthracene and anthracene-based supramolecules. Chemical Physics, 2002, 277, 387-396.	1.9	28
58	N-type perylene-based organic semiconductors for functional neural interfacing. Journal of Materials Chemistry B, 2013, 1, 3850.	5.8	28
59	Soft confinement of water in graphene-oxide membranes. Carbon, 2016, 108, 199-203.	10.3	27
60	A Nanoscale Interface Promoting Molecular and Functional Differentiation of Neural Cells. Scientific Reports, 2016, 6, 31226.	3.3	27
61	Ultrafast Dynamics of Photoexcited States in C ₆₀. Europhysics Letters, 1994, 25, 403-408.	2.0	26
62	Micro-Raman and Resistance Measurements of Epitaxial La0.7Sr0.3MnO3 Films. Physica Status Solidi (B): Basic Research, 1999, 215, 625-629.	1.5	26
63	Structural and functional properties of astrocytes on PCL based electrospun fibres. Materials Science and Engineering C, 2021, 118, 111363.	7.3	26
64	Frequency variation of cubic susceptibility in the new conjugated polymers PTT and PDTB. Synthetic Metals, 1990, 37, 223-229.	3.9	25
65	Nonlinear optical properties of sublimed C60 thin films. Synthetic Metals, 1993, 54, 21-32.	3.9	25
66	The Vibrational Signature of the Aluminum/Polythiophene Interface. Advanced Materials, 1998, 10, 319-324.	21.0	25
67	Polydopamine Nanoparticle-Coated Polysulfone Porous Granules as Adsorbents for Water Remediation. ACS Omega, 2019, 4, 4839-4847.	3.5	25
68	Stimulation of water and calcium dynamics in astrocytes with pulsed infrared light. FASEB Journal, 2020, 34, 6539-6553.	0.5	25
69	Poly[1,4-di-(2-thienyl)benzene]: a new conducting polymer. Journal of the Chemical Society Chemical Communications, 1986, , 1473.	2.0	24
70	Low energy electronic excitations and fano resonance in K doped C60 from Raman scattering excited at 1.16 eV. Solid State Communications, 1992, 81, 257-260.	1.9	22
71	Ambipolar organic light-emitting transistors employing heterojunctions of n-type and p-type materials as the active layer. Journal of Physics Condensed Matter, 2006, 18, S2127-S2138.	1.8	22
72	Characterization of indium tin oxide surfaces after KOH and HCl treatments. Organic Electronics, 2008, 9, 253-261.	2.6	22

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73	Effects of the Blending Ratio on the Design of Keratin/Poly(butylene succinate) Nanofibers for Drug Delivery Applications. Biomolecules, 2021, 11, 1194.	4.0	22
74	FT-IR Absorption Spectra of Polycrystalline Pressed Sample soft he Organic Metals and Superconductorsa Î±-Î²-(BEDT-TTF)₂I₃ and(BEDT-TTF)₂Cu(NCS)₂. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 1989, 44, 295-299.	1.5	21
75	Bio-doping of regenerated silk fibroin solution and films: a green route for biomanufacturing. RSC Advances, 2014, 4, 33687-33694.	3.6	21
76	A Lysinated Thiopheneâ€Based Semiconductor as a Multifunctional Neural Bioorganic Interface. Advanced Healthcare Materials, 2015, 4, 1190-1202.	7.6	20
77	A Glialâ€Silicon Nanowire Electrode Junction Enabling Differentiation and Noninvasive Recording of Slow Oscillations from Primary Astrocytes. Advanced Biology, 2020, 4, e1900264.	3.0	20
78	Preparation and properties of a new conducting polyheterocycle: Polydithieno [3, 4-b : 3â€², 4â€²-d] thiophene (PDTT). Synthetic Metals, 1989, 28, 527-532.	3.9	19
79	High-Frequency Vibrations of the Simplest Benzylic Amide [2]Catenane. Journal of Physical Chemistry A, 1998, 102, 5782-5788.	2.5	19
80	Keratin Film as Natural and Ecoâ€Friendly Support for Organic Optoelectronic Devices. Advanced Sustainable Systems, 2019, 3, 1900080.	5.3	19
81	Cell Volume Regulation Mechanisms in Differentiated Astrocytes.. Cellular Physiology and Biochemistry, 2021, 55, 196-212.	1.6	19
82	Raman scattering in ferromagnetic TDAE-C60 compared to TDAE-C70. Synthetic Metals, 1993, 56, 3050-3056.	3.9	18
83	Morphology and roughness of high-vacuum sublimed oligomer thin films. Thin Solid Films, 1996, 284-285, 439-443.	1.8	18
84	Enhanced light emission efficiency and current stability by morphology control and thermal annealing of organic light emitting diode devices. Journal of Physics Condensed Matter, 2006, 18, S2139-S2147.	1.8	18
85	Graphene glial-interfaces: challenges and perspectives. Nanoscale, 2021, 13, 4390-4407.	5.6	18
86	Resonant Raman scattering on single crystals of (BEDT-TTF)2Cu(NCS)2. Solid State Communications, 1990, 73, 41-44.	1.9	17
87	Observation of interface excitons and energy transfer processes in an oligo-thiophene multi-layer structure. Chemical Physics Letters, 1995, 242, 207-211.	2.6	17
88	Photoinduced charge transfer in complex architectured films of c60 and donor-like molecules. Synthetic Metals, 1999, 103, 2392-2394.	3.9	17
89	Bulk phonon modes of YBa2Cu3O7 from infrared absorption at 300-30K. Solid State Communications, 1987, 64, 911-913.	1.9	16
90	Naturally functionalized silk as useful material for photonic applications. Composites Part B: Engineering, 2015, 71, 152-158.	12.0	16

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91	Electrical Stimulation by an Organic Transistor Architecture Induces Calcium Signaling in Nonexcitable Brain Cells. Advanced Healthcare Materials, 2019, 8, e1801139.	7.6	16
92	Electrical and luminescent properties of double-layer oligomeric/ polymeric light-emitting diodes. Synthetic Metals, 1996, 76, 145-148.	3.9	15
93	Silk fibroin film from goldenâ€yellow <scp>B</scp>ombyx mori is a biocomposite that contains lutein and promotes axonal growth of primary neurons. Biopolymers, 2016, 105, 287-299.	2.4	15
94	Glial Interfaces: Advanced Materials and Devices to Uncover the Role of Astroglial Cells in Brain Function and Dysfunction. Advanced Healthcare Materials, 2021, 10, e2001268.	7.6	15
95	Magnetic keratin/hydrotalcites sponges as potential scaffolds for tissue regeneration. Applied Clay Science, 2021, 207, 106090.	5.2	15
96	Oxygen effect on photoluminescence of fullerite C60 thin films. Synthetic Metals, 1993, 56, 3119-3124.	3.9	14
97	STM investigation of flexible supramolecules: Benzylic amide [2] catenanes. Synthetic Metals, 1999, 102, 1466-1467.	3.9	14
98	Selective MW-assisted surface chemical tailoring of hydrotalcites for fluorescent and biocompatible nanocomposites. RSC Advances, 2014, 4, 11840.	3.6	14
99	APTES mediated modular modification of regenerated silk fibroin in a water solution. RSC Advances, 2015, 5, 63401-63406.	3.6	14
100	Dependence of ir absorption in YBa2Cu3O7â^'y on the oxygen content. Physica C: Superconductivity and Its Applications, 1988, 153-155, 645-646.	1.2	13
101	Nanoscale femtosecond spectroscopy for material science and nanotechnology. Synthetic Metals, 2003, 139, 687-690.	3.9	13
102	Efficient second harmonic generation from thin films of V-shaped benzo[b]thiophene based molecules. Optics Express, 2009, 17, 2557.	3.4	12
103	Molecular structure and transport properties in thiophene-based polyheterocycles. Synthetic Metals, 1989, 28, 515-520.	3.9	11
104	In-situ characterisation of the oxygen induced changes in a UHV grown organic light-emitting diode. Synthetic Metals, 1999, 102, 1095-1096.	3.9	11
105	Optical properties and the photoluminescence quantum yield of organic molecular materials. Journal of Optics, 2000, 2, 577-583.	1.5	11
106	SILK.IT project: Silk Italian Technology for industrial biomanufacturing. Composites Part B: Engineering, 2015, 68, 281-287.	12.0	11
107	Keratin/Hydrotalcites Hybrid Sponges as Promising Adsorbents for Cationic and Anionic Dyes. Frontiers in Bioengineering and Biotechnology, 2020, 8, 68.	4.1	11
108	Transient photomodulation spectroscopy of YBa 2 Cu 3 O 6+x and La 2 CuO 4. Physica C: Superconductivity and Its Applications, 1989, 162-164, 1109-1110.	1.2	10

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109	Highly conducting complexes based on Au (III)-Bis (1,3-dithio-2-thione-4,5-dithiolate). Synthetic Metals, 1991, 42, 2355-2358.	3.9	10
110	Infrared and Raman spectra of cytosine and cytidinium salts. Spectrochimica Acta Part A: Molecular Spectroscopy, 1991, 47, 863-874.	0.1	10
111	Mild and Effective Polymerization of Dopamine on Keratin Films for Innovative Photoactivable and Biocompatible Coated Materials. Macromolecular Materials and Engineering, 2018, 303, 1700653.	3.6	10
112	Silk Fibroin and Pomegranate By-Products to Develop Sustainable Active Pad for Food Packaging Applications. Foods, 2021, 10, 2921.	4.3	10
113	Synthesis and properties of polydithienobenzene. Synthetic Metals, 1989, 28, 521-526.	3.9	9
114	Conjugated Polymers Oriented Organic Thin Films for Nonlinear Optics. Molecular Crystals and Liquid Crystals, 2006, 446, 23-45.	0.9	9
115	Laboratory simulation of UV irradiation from the Sun on amino acids. II. Irradiation of phenylalanine and tryptophan. International Journal of Astrobiology, 2007, 6, 281-289.	1.6	9
116	Bioactive Keratin and Fibroin Nanoparticles: An Overview of Their Preparation Strategies. Nanomaterials, 2022, 12, 1406.	4.1	9
117	Keratin/Polylactic acid/graphene oxide composite nanofibers for drug delivery. International Journal of Pharmaceutics, 2022, 623, 121888.	5.2	9
118	Photoinduced absorption in a series of thiophene based conjugated polymers. Synthetic Metals, 1991, 41, 579-582.	3.9	8
119	Linear and nonlinear spectroscopy of highly oriented thin films of Î±-sexithienyl: a model for polythiophene. Synthetic Metals, 1993, 57, 4714-4721.	3.9	8
120	Raman scattering and lattice dynamics of fullerides MxC60. Synthetic Metals, 1994, 64, 341-352.	3.9	8
121	A self-assembled lysinated perylene diimide film as a multifunctional material for neural interfacing. Journal of Materials Chemistry B, 2016, 4, 2921-2932.	5.8	8
122	(FT-NIR) Raman scattering in pressed pellets of BEDT-TTF based organic metals. Synthetic Metals, 1991, 42, 2241-2244.	3.9	7
123	IR photoinduced absorption and FT-Raman of YBa2Cu318O6+x: Further evidence of the role of the apex oxygen. Physica C: Superconductivity and Its Applications, 1991, 185-189, 963-964.	1.2	7
124	Ultra-high-vacuum single-layer formation of Î±-hexathienyl on the (1Ã—2) Au(110) surface. Synthetic Metals, 1996, 76, 173-176.	3.9	7
125	Excimer-like electroluminescence from thin films of switchable supermolecular anthracene-based rotaxanes. Synthetic Metals, 2001, 122, 27-29.	3.9	7
126	Optical and electroemission properties of thin films of supermolecular anthracene-based rotaxanes. Applied Surface Science, 2001, 175-176, 369-373.	6.1	7

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127	Laboratory simulation of UV irradiation from the Sun on amino acids. I: irradiation of tyrosine. International Journal of Astrobiology, 2007, 6, 123-129.	1.6	7
128	Electronic and phonon photoinduced I.R. absorptions in the YBa2Cu3O7â˜y high Tc superconducting system. Synthetic Metals, 1989, 29, 585-590.	3.9	6
129	Optical coupling of flexible microstructured organic light sources for automotive applications. Synthetic Metals, 2003, 139, 913-916.	3.9	6
130	Molecular orientation in ultrathin films of Î±-sexithiophene on silicon dioxide revealed by spatially resolved confocal spectroscopy. Synthetic Metals, 2005, 155, 287-290.	3.9	6
131	Instructive proteins for tissue regeneration. , 2018, , 23-49.		6
132	Effect of Chemically Engineered Au/Ag Nanorods on the Optical and Mechanical Properties of Keratin Based Films. Frontiers in Chemistry, 2020, 8, 158.	3.6	6
133	Polyaniline nano-needles into electrospun bio active fibres support in vitro astrocyte response. RSC Advances, 2021, 11, 11347-11355.	3.6	6
134	Study of Photogenerated Nonlinear Excitations in a Polythiophene Model Compound: Î±-Sexithienyl. Molecular Crystals and Liquid Crystals, 1992, 218, 113-116.	0.3	5
135	CDW suppression and photoinduced gap states in BaBiO3. Solid State Communications, 1992, 81, 419-423.	1.9	5
136	Electronic structure of polydithieno[3,4-b;3',4'-d]thiophene, a small bandgap conjugated polymer. Synthetic Metals, 1993, 57, 4399-4404.	3.9	5
137	The intramolecular vibrational dynamics of mer-tris(8-hydroxyquinoline)aluminium(III). Synthetic Metals, 2002, 127, 247-250.	3.9	5
138	Silk Fibroin Based Technology for Industrial Biomanufacturing. , 2019, , 409-430.		5
139	Direct evidence of polaron resonance enhancement of cubic susceptability in polythiophene. Synthetic Metals, 1991, 43, 3197-3200.	3.9	4
140	Evidence for electron-phonon coupling in vibrational spectrum of Bi2Sr2CaCu2O8 single crystal. Solid State Communications, 1991, 78, 979-982.	1.9	4
141	Femtosecond Differential Transmission Spectroscopy of Î±-Sexithienyl Thin Film at Low Temperature. Journal of Physical Chemistry B, 2000, 104, 6536-6540.	2.6	4
142	Photophysical properties of thin films and solid phase of switchable supermolecular anthracene-based rotaxanes. Synthetic Metals, 2001, 122, 63-65.	3.9	4
143	Bioinspired scaffolds for bone and neural tissue and interface engineering. , 2018, , 51-74.		4
144	Resonance Raman study of a low energy gap conjugated polymer: Polydithieno(3,4-b;3â€²,4â€²-d)thiophene. Synthetic Metals, 1991, 41, 1319-1322.	3.9	3

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145	Optical studies of BaBiO3: A 3D charge density wave (CDW) insulator. Synthetic Metals, 1991, 43, 3977-3980.	3.9	3
146	Investigation of the low energy optic excitations in crystalline C60. Synthetic Metals, 1996, 77, 177-179.	3.9	3
147	Femtosecond differential transmission spectroscopy of Î±-sexithienyl thin film. Journal of Luminescence, 2000, 87-89, 736-738.	3.1	3
148	IR photoinduced absorption of the semiconducting modification of YBaCuO. Physica C: Superconductivity and Its Applications, 1988, 153-155, 647-648.	1.2	2
149	Evolution of the IR properties upon the oxygen vacancy ordering in YBa2Cu3O7âˆ'y (0 < y < 1). Synthetic Metals, 1989, 29, 591-596.	3.9	2
150	Third order nonlinear optical response in a thiophene substituted conjugated polyene: DTDMP. Synthetic Metals, 1991, 43, 3177-3180.	3.9	2
151	Raman and far infrared characterization of the simplest benzylic amide [2] catenane. Synthetic Metals, 1999, 102, 1556-1557.	3.9	2
152	Laboratory simulation of ultraviolet irradiation from the Sun on amino acids. III. irradiation of glycine-tyrosine. International Journal of Astrobiology, 2009, 8, 63-68.	1.6	2
153	Silk Fibroin as Platform for Neural Cells and Hybrid Optoelectronics. Journal of Biobased Materials and Bioenergy, 2012, 6, 508-514.	0.3	2
154	FT-Raman scattering at 1.16 eV in the YBa 2 Cu 3 O 7âˆ'x superconducting system. Physica C: Superconductivity and Its Applications, 1989, 162-164, 1103-1104.	1.2	1
155	Low energy neutral and charged excitations in Î±-sexithienyl: a polythiophene model compound. Synthetic Metals, 1993, 57, 4991-4996.	3.9	1
156	Validity of the essential states model in fullerenes. , 1995, , .		1
157	Organic heteromultilayers: electronic structure of sexithienyl/ thin films grown in ultra-high vacuum. Journal of Optics, 1998, 7, 151-157.	0.5	1
158	Femtosecond Transient Absorption Spectroscopy in Î±-sexithienyl thin films. Synthetic Metals, 1999, 101, 555-556.	3.9	1
159	Flexible microstructured organic light sources for automotive applications. , 2004, , .		1
160	OLET architectures for electrically-pumped organic lasers. Proceedings of SPIE, 2008, , .	0.8	1
161	Eco-Sustainable Silk Fibroin/Pomegranate Peel Extract Film as an Innovative Green Material for Skin Repair. International Journal of Molecular Sciences, 2022, 23, 6805.	4.1	1
162	Evidence of charge localization from photoinduced infrared absorption in BaBiO3. Bulletin of Materials Science, 1991, 14, 533-538.	1.7	0

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163	Photoexcitations and nonlinear optical properties in thiophene-based conjugated systems. , 1992, , .		0
164	Influence of oxygen and excitation wavelength on C60 film fluorescence. Journal of Applied Spectroscopy, 1992, 57, 882-885.	0.7	0
165	Three-Chamber UHV System for Organic Molecular Beam Epitaxy. Vakuum in Forschung Und Praxis, 1995, 7, 281-285.	0.1	0
166	The effect of intermolecular interaction on the electronic properties of quaterylene. Synthetic Metals, 1999, 102, 1589-1590.	3.9	0
167	Observation of Phonon Resonances in the Optical Nonlinearity in an ?-Sexithienyl Thin Film. Physica Status Solidi (B): Basic Research, 2000, 221, 561-565.	1.5	0
168	Time-resolved stimulated emission in an Î±-sexithienyl thin film. Synthetic Metals, 2001, 116, 49-51.	3.9	0
169	Solid-state optical properties of the methyl-exopyridineâ€“anthracene rotaxane. Chemical Physics, 2001, 269, 381-388.	1.9	0
170	Photonic engineering of nonlinear-optical properties of hybrid materials for efficient ultrafast optical switching (PHOENIX). , 2004, 5464, 39.		0
171	Oriented conjugated polymer thin films for all optical switching applications. , 2005, , .		0
172	Light extraction and customized optical distribution from plastic micro-optics integrated OLEDs. , 2006, , .		0
173	Degradation of organic light-emitting diode. , 2006, 6192, 442.		0
174	Very low amplified spontaneous emission threshold from a molecular host-guest energy transfer system and electroluminescence from light-emitting diode structure. Proceedings of SPIE, 2009, , .	0.8	0
175	Biomaterials: Biofunctional Silk/Neuron Interfaces (Adv. Funct. Mater. 9/2012). Advanced Functional Materials, 2012, 22, 1870-1870.	14.9	0
176	Front Matter: Volume 9253. Proceedings of SPIE, 2014, , .	0.8	0
177	Extracellular Recording Systems: A Glialâ€“Silicon Nanowire Electrode Junction Enabling Differentiation and Noninvasive Recording of Slow Oscillations from Primary Astrocytes (Adv.) Tj ETQq1 1 0.784314 rgBT /Overlock 10	4.6	0