

Davide Comoretto

List of Publications by Year in descending order

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docs citations

175
times ranked

3289
citing authors

#	ARTICLE	IF	CITATIONS
1	(INVITED) Planar microcavities: Materials and processing for light control. <i>Optical Materials</i> : X, 2022, 13, 100130.	0.3	5
2	2,5-Diisopropenylthiophene by Suzuki–Miyaura cross-coupling reaction and its exploitation in inverse vulcanization: a case study. <i>RSC Advances</i> , 2022, 12, 8924-8935.	1.7	3
3	Multilayer Polymer Photonic Aegises Against Near-Infrared Solar Irradiation Heating. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 14550-14560.	4.0	11
4	Mild Sol–Gel Conditions and High Dielectric Contrast: A Facile Processing toward Large-Scale Hybrid Photonic Crystals for Sensing and Photocatalysis. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 19806-19817.	4.0	17
5	All-Polymer Microcavities for the Fluorescence Radiative Rate Modification of a Diketopyrrolopyrrole Derivative. <i>ACS Omega</i> , 2022, 7, 15499-15506.	1.6	7
6	The Electrical Response of Real Dielectrics: Using the Voltage Ramp Method as a Straightforward Diagnostic Tool for Polymeric Composites. <i>Materials</i> , 2022, 15, 3829.	1.3	0
7	Universal Design Rules for Flory–Huggins Polymer Photonic Vapor Sensors. <i>Advanced Functional Materials</i> , 2021, 31, 2009626.	7.8	15
8	Aquivion–Poly(vinylcarbazole) Holistic Flory–Huggins Photonic Vapor Sensors. <i>Advanced Optical Materials</i> , 2021, 9, 2002006.	3.6	19
9	Photonic Vapor Sensors: Universal Design Rules for Flory–Huggins Polymer Photonic Vapor Sensors (Adv. Funct. Mater. 9/2021). <i>Advanced Functional Materials</i> , 2021, 31, 2170062.	7.8	0
10	Aquivion–Poly(vinylcarbazole) Holistic Flory–Huggins Photonic Vapor Sensors (Advanced) Tj ETQq0,0,0 rgBT /Overlock 1	3.6	3
11	Effect of sodium alginate molecular structure on electrospun membrane cell adhesion. <i>Materials Science and Engineering C</i> , 2021, 124, 112067.	3.8	27
12	Thin Polymer Films: Simple Optical Determination of Molecular Diffusion Coefficients. <i>ACS Applied Polymer Materials</i> , 2020, 2, 563-568.	2.0	14
13	Reshaping Hybrid Perovskites Emission with Flexible Polymer Microcavities. <i>EPJ Web of Conferences</i> , 2020, 230, 00006.	0.1	0
14	Strategies for Dielectric Contrast Enhancement in 1D Planar Polymeric Photonic Crystals. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4122.	1.3	22
15	High Refractive Index Inverse Vulcanized Polymers for Organic Photonic Crystals. <i>Crystals</i> , 2020, 10, 154.	1.0	12
16	Sodium Alginate Cross-Linkable Planar 1D Photonic Crystals as a Promising Tool for Pb ²⁺ Detection in Water. <i>Chemosensors</i> , 2020, 8, 37.	1.8	9
17	Shine Bright Like a Diamond: New Light on an Old Polymeric Semiconductor. <i>Advanced Materials</i> , 2020, 32, e1908140.	11.1	57
18	All-polymer Planar Photonic Crystals as an Innovative Tool for the Analysis of Air. <i>EPJ Web of Conferences</i> , 2020, 230, 00007.	0.1	0

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19	Core-shell silica-rhodamine B nanosphere for synthetic opals: from fluorescence spectral redistribution to sensing. RSC Advances, 2020, 10, 14958-14964.	1.7	5
20	Polymeric Planar Microcavities Doped with a Europium Complex. Crystals, 2020, 10, 287.	1.0	8
21	Luminescent solar concentrators: boosted optical efficiency by polymer dielectric mirrors. Materials Chemistry Frontiers, 2019, 3, 429-436.	3.2	52
22	Flory-Huggins Photonic Sensors for the Optical Assessment of Molecular Diffusion Coefficients in Polymers. ACS Applied Materials & Interfaces, 2019, 11, 16872-16880.	4.0	36
23	All-polymer methylammonium lead iodide perovskite microcavities. Nanoscale, 2019, 11, 8978-8983.	2.8	30
24	A new method for the determination of molecular diffusion coefficient in polymer films by simple UV-VIS spectroscopy. AIP Conference Proceedings, 2019, , .	0.3	0
25	Solution Processed Polymer-ABX ₄ Perovskite-Like Microcavities. Applied Sciences (Switzerland), 2019, 9, 5203.	1.3	8
26	Tailoring the properties of polymers for photonic applications with optical nanocomposites. AIP Conference Proceedings, 2019, , .	0.3	0
27	Lasing from dot-in-rod nanocrystals in planar polymer microcavities. RSC Advances, 2018, 8, 13026-13033.	1.7	28
28	Engineering the Emission of Broadband 2D Perovskites by Polymer Distributed Bragg Reflectors. ACS Photonics, 2018, 5, 867-874.	3.2	38
29	C-Si hybrid photonic structures by full infiltration of conjugated polymers into porous silicon rugate filters. Nanomaterials and Nanotechnology, 2018, 8, 184798041878840.	1.2	4
30	Black GaAs by Metal-Assisted Chemical Etching. ACS Applied Materials & Interfaces, 2018, 10, 33434-33440.	4.0	21
31	Label-free vapor selectivity by polymer-inorganic composite photonic crystals sensors. AIP Conference Proceedings, 2018, , .	0.3	6
32	Colorimetric Detection of Perfluorinated Compounds by All-Polymer Photonic Transducers. ACS Omega, 2018, 3, 7517-7522.	1.6	31
33	Advances in Functional Solution Processed Planar 1D Photonic Crystals. Advanced Optical Materials, 2018, 6, 1800730.	3.6	145
34	Photo-induced absorption spectra of a poly(p-phenylenevinylene) polymer with fluorinated double bonds. Organic Electronics, 2017, 43, 214-221.	1.4	5
35	Directional Fluorescence Spectral Narrowing in All-Polymer Microcavities Doped with CdSe/CdS Dot-in-Rod Nanocrystals. ACS Photonics, 2017, 4, 1761-1769.	3.2	42
36	All-Polymer Photonic Microcavities Doped with Perylene Bisimide Aggregates. Advanced Optical Materials, 2017, 5, 1700523.	3.6	51

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37	Directional fluorescence shaping and lasing in all-polymer microcavities doped with CdSe/CdS dot-in-rod nanocrystals. , 2017, , .		1
38	Photocatalyzed synthesis of isochromanones and isobenzofuranones under batch and flow conditions. Beilstein Journal of Organic Chemistry, 2017, 13, 1456-1462.	1.3	9
39	Synthesis of Fluorescent Core-Shell Metal Nanohybrids: A Versatile Approach. Materials, 2016, 9, 997.	1.3	5
40	Demonstration of fluorescence enhancement via Bloch surface waves in all-polymer multilayer structures. Physical Chemistry Chemical Physics, 2016, 18, 14086-14093.	1.3	46
41	High refractive index hyperbranched polyvinylsulfides for planar one-dimensional all-polymer photonic crystals. Journal of Polymer Science, Part B: Polymer Physics, 2016, 54, 73-80.	2.4	41
42	Cellulose ternary photonic crystal created by solution processing. Cellulose, 2016, 23, 2853-2862.	2.4	37
43	A Multi-Optical Collector of Sunlight Employing Luminescent Materials and Photonic Nanostructures. Advanced Optical Materials, 2016, 4, 147-155.	3.6	14
44	Label-Free Vapor Selectivity in Poly(<i>p</i> -Phenylene Oxide) Photonic Crystal Sensors. ACS Applied Materials & Interfaces, 2016, 8, 31941-31950.	4.0	93
45	In-plane anisotropic photoresponse in all-polymer planar microcavities. Polymer, 2016, 84, 383-390.	1.8	16
46	SERS Amplification from Self-Organized Arrays of Plasmonic Nanocrescents. ACS Applied Materials & Interfaces, 2016, 8, 6629-6638.	4.0	32
47	Polymer Distributed Bragg Reflectors for Vapor Sensing. ACS Photonics, 2015, 2, 537-543.	3.2	100
48	High definition conductive carbon films from solution processing of nitrogen-containing oligomers. Carbon, 2015, 94, 1044-1051.	5.4	3
49	Spin-Coated Polymer and Hybrid Multilayers and Microcavities. , 2015, , 77-101.		7
50	Hybrid ZnO:polystyrene nanocomposite for all-polymer photonic crystals. Physica Status Solidi C: Current Topics in Solid State Physics, 2015, 12, 158-162.	0.8	30
51	Tailoring of linear response from plasmonic nano-resonators grown on a polystyrene. , 2014, , .		0
52	Fluorescence excitation enhancement by Bloch surface wave in all-polymer one-dimensional photonic structure. Applied Physics Letters, 2014, 105, .	1.5	30
53	Second Harmonic Generation: Second Harmonic Generation Circular Dichroism from Self-Ordered Hybrid Plasmonic-Photonic Nanosurfaces (Advanced Optical Materials 3/2014). Advanced Optical Materials, 2014, 2, 207-207.	3.6	2
54	Lasing from all-polymer microcavities. Laser Physics Letters, 2014, 11, 035804.	0.6	65

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55	Tailoring of the circular dichroism produced by Au covered self-ordered dielectric nanospheres. Proceedings of SPIE, 2014, , .	0.8	2
56	Strong coupling between excitons in organic semiconductors and Bloch surface waves. Applied Physics Letters, 2014, 104, 051111.	1.5	43
57	Photochromic and photomechanical responses of an amorphous diarylethene-based polymer: a spectroscopic ellipsometry investigation of ultrathin films. Journal of Materials Chemistry C, 2014, 2, 4692-4698.	2.7	25
58	Room temperature Bloch surface wave polaritons. , 2014, , .		0
59	Distributed Bragg reflectors: Morphology of cellulose acetate and polystyrene multilayers. , 2014, , .		6
60	Second Harmonic Generation Circular Dichroism from Self-Ordered Hybrid Plasmonic-Photonic Nanosurfaces. Advanced Optical Materials, 2014, 2, 208-213.	3.6	46
61	Hybrid Plasmonic-Photonic Nanostructures: Gold Nanocrescents Over Opals. Advanced Optical Materials, 2013, 1, 389-396.	3.6	44
62	Measurement of the circular dichroism in the second harmonic optical signal produced by Au covered self ordered dielectric nanospheres. , 2013, , .		4
63	Fluorescent polystyrene photonic crystals self-assembled with water-soluble conjugated polyrotaxanes. APL Materials, 2013, 1, .	2.2	15
64	Photoactive spherical colloids for opal photonic crystals. Polymer Composites, 2013, 34, 1443-1450.	2.3	7
65	Preparation, Properties, and Self-Assembly Behavior of PTFE-Based Core-Shell Nanospheres. Journal of Nanomaterials, 2012, 2012, 1-15.	1.5	12
66	Preparation, properties and self-assembly behavior of PTFE based core-shell nanospheres. AIP Conference Proceedings, 2012, , .	0.3	3
67	PTFE-PMMA core-shell colloidal particles as building blocks for self-assembled opals: synthesis, properties and optical response. Polymer International, 2012, 61, 1294-1301.	1.6	32
68	Directional Enhancement of Spontaneous Emission in Polymer Flexible Microcavities. Journal of Physical Chemistry C, 2011, 115, 19939-19946.	1.5	56
69	Directional Photoluminescence Enhancement in Organic Flexible Microcavities. , 2011, , .		0
70	Polarized pressure dependence of the anisotropic dielectric functions of highly oriented poly(p-phenylene vinylene). Journal of Applied Physics, 2010, 107, 073106.	1.1	6
71	Spectroscopic Investigation of Artificial Opals Infiltrated with a Heteroaromatic Quadrupolar Dye. Journal of Physical Chemistry C, 2010, 114, 2403-2413.	1.5	30
72	Highly oriented poly(paraphenylene vinylene): Polarized optical spectroscopy under pressure. Physical Review B, 2009, 79, .	1.1	19

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73	Raman Spectra of Poly(p-phenylenevinylene)s with Fluorinated Vinylene Units: Evidence of Inter-ring Distortion. <i>ChemPhysChem</i> , 2009, 10, 1284-1290.	1.0	23
74	Amplified spontaneous emission from opal photonic crystals engineered with structural defects. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 11515.	1.3	18
75	Light Localization Effect on the Optical Properties of Opals Doped with Gold Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2008, 112, 6293-6298.	1.5	40
76	In situ tuning of a photonic band gap with laser pulses. <i>Applied Physics Letters</i> , 2008, 93, 091111.	1.5	12
77	Emission properties of artificial opals infiltrated with a heteroaromatic quadrupolar dye. , 2008, , .		2
78	One Dimensional Polymeric Organic Photonic Crystals for DFB Lasers. <i>International Journal of Photoenergy</i> , 2008, 2008, 1-4.	1.4	33
79	Anisotropic photoluminescence properties of oriented poly(p-phenylene-vinylene) films: Effects of dispersion of optical constants. <i>Physical Review B</i> , 2007, 75, .	1.1	34
80	Colloidal Photonic Crystals Doped with Gold Nanoparticles: Spectroscopy and Optical Switching Properties. <i>Advanced Functional Materials</i> , 2007, 17, 2779-2786.	7.8	102
81	Interchain interactions in charged diacetylenic oligomers carrying bulk substituents revisited. <i>Materials Science and Engineering C</i> , 2006, 26, 1044-1048.	3.8	0
82	Optical effects in artificial opals infiltrated with gold nanoparticles. , 2006, , .		4
83	Interferometric determination of the anisotropic refractive index dispersion of poly-(p-phenylene-vinylene). <i>Applied Physics Letters</i> , 2005, 86, 201119.	1.5	13
84	Influence of Interchain Interactions on the Electronic Properties of Neutral and Charged Oligodiacetylenes Carrying Bulk Substituents. <i>Journal of Physical Chemistry B</i> , 2005, 109, 5485-5490.	1.2	4
85	Polarized optical and photoluminescence properties of highly oriented poly(p-phenylene-vinylene). <i>Synthetic Metals</i> , 2005, 153, 281-284.	2.1	6
86	Band structure and optical properties of opal photonic crystals. <i>Physical Review B</i> , 2005, 72, .	1.1	98
87	Self-Organization of Polystyrenes into Ordered Microstructured Films and Their Replication by Soft Lithography. <i>Langmuir</i> , 2005, 21, 3480-3485.	1.6	165
88	Supramolecular Properties of Polymers for Plastic Electronics. , 2005, , .		0
89	Triplet excitons in acyl- and alkyl-substituted polycarbazolyldiacetylenes: A spectroscopical and photophysical study. <i>Physical Review B</i> , 2004, 69, .	1.1	7
90	Real-time observation of coherent nuclear motion in polydiacetylene isolated chains. <i>Physical Review B</i> , 2004, 69, .	1.1	19

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91	Optical Properties of Polystyrene Opals Infiltrated with Cyanine Dyes in the form of J-Aggregates. Materials Research Society Symposia Proceedings, 2004, 846, DD12.11.1.	0.1	0
92	Theoretical Investigation of the Charge Injection Effects on the Electronic Properties of Substituted Oligodiacylenes. Journal of Physical Chemistry B, 2004, 108, 11291-11300.	1.2	4
93	Spectroscopical and photophysical investigations on polydiacetylenes with different ordering of the A g and B u excited states. , 2004, , .		0
94	Morphology, band structure, and optical properties of artificial opals. , 2004, 5511, 135.		4
95	Polarized photoluminescence of highly oriented poly(p-phenylene-vinylene). , 2004, , .		2
96	Growth and optical studies of opal films as three-dimensional photonic crystals. Materials Science and Engineering C, 2003, 23, 61-65.	3.8	25
97	Interchain interactions in oligodiacylene aggregates. Synthetic Metals, 2003, 137, 877-879.	2.1	2
98	Photoinduced absorption spectra in polydiacetylenes for non linear optical applications. Synthetic Metals, 2003, 138, 75-78.	2.1	4
99	The photophysics of triplet excitons in substituted polycarbazolyldiacetylenes. Synthetic Metals, 2003, 139, 889-892.	2.1	1
100	Morphology and optical properties of bare and polydiacetylenes-infiltrated opals. Synthetic Metals, 2003, 139, 633-636.	2.1	6
101	Optical and Spectroscopic Properties of Conjugated Polymers. Springer Series in Materials Science, 2003, , 57-90.	0.4	1
102	Optical and electronic properties of neutral and charged oligodiacylene clusters Presented at the LANMAT 2001 Conference on the Interaction of Laser Radiation with Matter at Nanoscopic Scales: From Single Molecule Spectroscopy to Materials Processing, Venice, 3â€“6 October, 2001.. Physical Chemistry Chemical Physics, 2002, 4, 2754-2761.	1.3	14
103	Polydiacetylenes for photonic application: chemical modulation of optical properties. Synthetic Metals, 2002, 127, 71-74.	2.1	8
104	Third order optical characterisation of a ï€-conjugated polydiacylene by Maker fringes technique. Synthetic Metals, 2002, 127, 143-146.	2.1	37
105	Nonlinear optical response of a polycarbazolyldiacetylene film through femtosecond two-photon spectroscopy. Chemical Physics Letters, 2002, 363, 492-497.	1.2	10
106	Dielectric, Raman, calorimetric and X-ray diffraction studies of a polycarbazolyldiacetylene. Synthetic Metals, 2001, 116, 207-211.	2.1	2
107	Sub-10 fs excited state evolution in polycarbazolyldiacetyleneâ€™polyethylene blends. Synthetic Metals, 2001, 116, 57-60.	2.1	10
108	Experimental and theoretical studies of the anisotropical complex dielectric constant of highly stretch-oriented poly(p-phenylene-vinylene). Synthetic Metals, 2001, 116, 107-110.	2.1	5

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109	Optical properties of films of polycarbazolyldiacetylene PDCHD-HS for photonic applications. <i>Synthetic Metals</i> , 2001, 116, 129-133.	2.1	13
110	Theoretical absorption spectra of charged oligodiacetylenes. <i>Synthetic Metals</i> , 2001, 119, 611-612.	2.1	4
111	The anisotropical optical spectra of highly stretch-oriented poly(p-phenylene-vinylene). <i>Synthetic Metals</i> , 2001, 119, 643-644.	2.1	4
112	Optical and electronic properties of thin PDAs films with very narrow excitonic bandwidth. <i>Synthetic Metals</i> , 2001, 119, 565-566.	2.1	3
113	Optical properties of highly oriented poly(p-phenylene-vinylene). <i>Synthetic Metals</i> , 2001, 124, 53-58.	2.1	15
114	Theoretical calculations of the geometries and of the lowest optical transitions of singly and doubly charged oligodiacetylenes. <i>Synthetic Metals</i> , 2001, 124, 179-181.	2.1	9
115	Orientation of thin films of conjugated systems by different techniques. <i>Synthetic Metals</i> , 2001, 124, 233-235.	2.1	2
116	Soluble polydiacetylenes: molecular properties and solid state organization. <i>Synthetic Metals</i> , 2001, 124, 253-255.	2.1	3
117	Solution spectroscopic properties of polyDCHD-HS: a novel highly soluble polydiacetylene. <i>Perkin Transactions II RSC</i> , 2001, , 146-152.	1.1	17
118	Two-Photon Spectroscopy of π -Conjugated Polymers: The Case of Poly[1,6-bis(3,6-dihexadecyl-N-carbazolyl)-2,4-hexadiyne] (PolyDCHD-HS). <i>Journal of Physical Chemistry A</i> , 2001, 105, 7759-7764.	1.1	21
119	Orientation of Polydiacetylene and Poly(p-phenylene ethynylene) Films by Epitaxy and Rubbing. <i>Macromolecules</i> , 2001, 34, 7091-7099.	2.2	27
120	Optical Studies of Artificial Opals as 3D Photonic Crystals. <i>Materials Research Society Symposia Proceedings</i> , 2001, 708, 10191.	0.1	0
121	Triplet-Exciton Generation Mechanism in a New Soluble (Red-Phase) Polydiacetylene. <i>Physical Review Letters</i> , 2001, 87, .	2.9	71
122	Chemical modulation of the electronic properties of polydiacetylenes. <i>Journal of Molecular Structure</i> , 2000, 521, 157-166.	1.8	12
123	Optical constants of highly stretch-oriented poly(p-phenylene-vinylene): A joint experimental and theoretical study. <i>Physical Review B</i> , 2000, 62, 10173-10184.	1.1	63
124	Films of a novel polydiacetylene for photonics studies. <i>Synthetic Metals</i> , 2000, 115, 275-277.	2.1	5
125	Linear and nonlinear characterization of polyDCHD-HS films. <i>Synthetic Metals</i> , 2000, 115, 257-260.	2.1	17
126	Solvation Effects and Inhomogeneous Broadening in Optical Spectra of Phenol Blue. <i>Journal of Physical Chemistry A</i> , 2000, 104, 11049-11054.	1.1	62

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127	Supramolecular organization in the solid state of a novel soluble polydiacetylene. <i>Liquid Crystals</i> , 1999, 26, 1437-1444.	0.9	31
128	The spin signature of charged photoexcitations in carbazolyl substituted polydiacetylene. <i>Journal of Chemical Physics</i> , 1999, 111, 10354-10361.	1.2	7
129	Triplet exciton generation and decay in a red polydiacetylene studied by femtosecond spectroscopy. <i>Chemical Physics Letters</i> , 1999, 313, 525-532.	1.2	43
130	Photoexcitations in carbazolyl substituted polydiacetylene (PDA) fullerene composites. <i>Synthetic Metals</i> , 1999, 101, 298-299.	2.1	3
131	Excited states of polydiacetylene oligomers. <i>Synthetic Metals</i> , 1999, 102, 1414-1415.	2.1	7
132	New evidence of long-lived photoexcited charged states in thin films of PDA-4BCMU. <i>Synthetic Metals</i> , 1999, 102, 941-942.	2.1	1
133	A novel processable polydiacetylene for photonics studies. <i>Synthetic Metals</i> , 1999, 102, 943-944.	2.1	10
134	Dielectric studies on conjugated polymers. <i>Synthetic Metals</i> , 1999, 101, 467-468.	2.1	3
135	Singlet Fission in Luminescent and Nonluminescent π -conjugated Polymers. <i>Synthetic Metals</i> , 1999, 101, 267-268.	2.1	24
136	Quantum Chemical Calculations of the Electronic States and Fluorescence Properties of Carbazolyl- and Carbazolylmethylene-Substituted Diacetylenes. <i>Journal of Physical Chemistry A</i> , 1999, 103, 2857-2860.	1.1	7
137	<title>Nature of long-lived photoexcited states in polydiacetylenes: the photoinduced absorption spectra of PDA-4BCMU</title>. , 1999, 3725, 122.		0
138	Polarized reflectivity spectra of stretch-oriented poly(p-phenylene-vinylene). <i>Chemical Physics Letters</i> , 1998, 289, 1-7.	1.2	31
139	Photoinduced absorption spectra of poly[1,6-di(N-carbazolyl)-2,4-hexadiyne] (polyDCHD) by excitation on the carbazole group. <i>Synthetic Metals</i> , 1998, 94, 229-234.	2.1	11
140	Polarization properties of a novel oriented polydiacetylene. <i>Synthetic Metals</i> , 1998, 95, 47-52.	2.1	10
141	Vibrational properties of novel diacetylenic monomers. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1998, , 2249-2254.	0.9	8
142	Long-lived photoexcited states in polydiacetylenes:â€fThe photoinduced-absorption spectra of PDA-4BCMU. <i>Physical Review B</i> , 1998, 57, 7071-7078.	1.1	18
143	Photoexcitations of polycarbazolyldiacetylenes in different time domains. , 1997, , .		4
144	Long-lived photoexcited states in polydiacetylenes with different molecular and supramolecular organization. <i>Physical Review B</i> , 1997, 56, 10264-10270.	1.1	20

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145	Optical properties of potassium acid phthalate. <i>Journal of Materials Research</i> , 1997, 12, 1262-1267.	1.2	17
146	Mechanism of carrier generation in conducting polymers. <i>Synthetic Metals</i> , 1997, 84, 539-544.	2.1	13
147	Fast Transient "Photoconductivity" in Semiconducting Polymers: Free Carrier Photocurrent or Displacement Current Generated by Electric-Field-Induced Polarization of Bound Excitons?. <i>Synthetic Metals</i> , 1997, 84, 559-562.	2.1	12
148	Characterization of poly(3-decylmethoxythiophene) multilayers. <i>Thin Solid Films</i> , 1997, 299, 169-172.	0.8	9
149	Optical properties of epitaxially grown poly[1,6-di(N-carbazolyl)-2,4-hexadiyne]. <i>Solid State Communications</i> , 1997, 102, 485-488.	0.9	2
150	Photoexcited states in epitaxially oriented polydiacetylene films. <i>Synthetic Metals</i> , 1996, 76, 27-29.	2.1	9
151	Preparation and characterization of 14-[3,6-(didodecyl)-N-carbazolyl]tetradeca-10,12-diyne acid LB multilayers. <i>Thin Solid Films</i> , 1996, 284-285, 36-38.	0.8	5
152	Synthesis and optical properties of a novel soluble polycarbazolyldiacetylene. <i>Macromolecular Chemistry and Physics</i> , 1996, 197, 1241-1253.	1.1	27
153	Photoinduced absorption of oriented poly[1,6-di(N-carbazolyl)-2,4-hexadiyne]. <i>Physical Review B</i> , 1996, 53, 15653-15659.	1.1	23
154	Effect of interchain separation on the photoinduced absorption spectra of polycarbazolyldiacetylenes. <i>Physical Review B</i> , 1996, 54, 16357-16360.	1.1	15
155	Ultrafast exciton dynamics in highly oriented polydiacetylene films. <i>Applied Physics Letters</i> , 1994, 65, 590-592.	1.5	52
156	Optical properties and long-lived charged photoexcitations in polydiacetylenes. <i>Physical Review B</i> , 1994, 49, 8059-8066.	1.1	27
157	Photoexcitation studies in poly[1,6-di(N-carbazolyl)-2,4-hexadiyne]. Correlation of spectral features with the degree of order in polycrystalline samples. <i>Synthetic Metals</i> , 1994, 68, 33-37.	2.1	10
158	Photoexcitations in Polydiacetylenes. , 1994, , 197-204.		0
159	Femtosecond transient bleaching decay in poly(alkyl-thiophene-vinylene)s in solution and in film. <i>Solid State Communications</i> , 1993, 86, 583-588.	0.9	5
160	Photoexcitations in polycarbazolyldiacetylenes in different time regimes. <i>Synthetic Metals</i> , 1993, 57, 5081-5087.	2.1	4
161	Electronic and geometric defects in doped PPS oligomers. <i>Synthetic Metals</i> , 1993, 57, 4813-4819.	2.1	1
162	Optical properties and long-lived carrier generation efficiency in oriented polyacetylene. <i>Synthetic Metals</i> , 1993, 55, 115-120.	2.1	0

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163	Long-lived photoexcited states in symmetrical polycarbazolyldiacetylene. Physical Review B, 1993, 48, 7850-7856.	1.1	66
164	Long-Lived Defects In Polycarbazolyld1 Acetylenes. Photoinduced Vis And Infrared Spectra. Materials Research Society Symposia Proceedings, 1993, 328, 739.	0.1	0
165	Interchain interactions in polyacetylene: Optical properties and photoconductive response. Physical Review B, 1992, 46, 10041-10047.	1.1	20
166	Photoexcitations in polycarbazolyldiacetylenes. Physical Review B, 1992, 45, 6802-6808.	1.1	20
167	Optical properties and photoinduced absorptions in unsymmetrical polycarbazolyldiacetylenes. Synthetic Metals, 1992, 51, 239-244.	2.1	14
168	Pump polarization anisotropy with above and below gap excitation in oriented (CH) _x . Synthetic Metals, 1991, 43, 3515-3519.	2.1	2
169	Optical properties of highly oriented fibrous polyacetylene. Physical Review B, 1990, 41, 3534-3539.	1.1	14
170	Tuning optical properties of opal photonic crystals by structural defects engineering. Journal of the European Optical Society-Rapid Publications, 0, 4, .	0.9	5