

Charge carrier generation, transport, and trapping in a polymer: Polyphenylacetylene

Applied Physics Letters

41, 1136-1138

DOI: 10.1063/1.93410

Citation Report

#	ARTICLE	IF	CITATIONS
1	PROCESSES OF ELASTIC SCATTERING OF METASTABLE HELIUM ATOMS IN HELIUM GAS. Uspekhi Fizicheskikh Nauk, 1969, 12, 182-194.	0.3	4
2	The dc conductivity of polyphenylacetylene below room temperature. Journal of Applied Physics, 1983, 54, 3973-3976.	1.1	10
3	Photoconductivity of poly(N-methyl 3-hydroxymethyl carbazoyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 667 Td (acrylate-co-acryloyl-3â€² Edition, 1984, 22, 579-585.	0.4	18
4	Semiconducting Photoconductors From amorphous Filpe of Dye-Sensitized Polyphenylacetylene. Molecular Crystals and Liquid Crystals, 1984, 106, 305-316.	0.9	31
5	Radiation Effects on Polyacetylenes Having Substituents. Polymer Journal, 1985, 17, 393-398.	1.3	35
6	Electrically Conductive Metallomacrocyclic Assemblies. Science, 1985, 227, 881-889.	6.0	253
7	Charge transfer interactions in polyphenylacetylene-electron acceptor systems. European Polymer Journal, 1985, 21, 919-924.	2.6	11
8	A study on the plasma polymerisation of phenylacetylene and its electrical properties. Journal Physics D: Applied Physics, 1985, 18, 1637-1643.	1.3	9
9	Recent Advances in Photoconductive and Photosensitive Polymers. Journal of Macromolecular Science - Reviews in Macromolecular Chemistry and Physics, 1986, 26, 249-352.	2.2	37
10	A Study on Carrier Traps in Plasma-Polymerized Phenylacetylene. Japanese Journal of Applied Physics, 1986, 25, 1174-1177.	0.8	6
11	Solid thin films of extended Î€-systems: Deposition, characterisation and application. Journal of Physics and Chemistry of Solids, 1987, 48, 109-141.	1.9	60
12	Temperature and field-dependence of electron currents in films of trans-polyphenylacetylene. Polymer, 1987, 28, 587-592.	1.8	6
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15	XPS studies of charge transfer interactions in some polyphenylacetylene-electron acceptor systems. Journal of Polymer Science, Part B: Polymer Physics, 1989, 27, 2061-2069.	2.4	11
16	Carrier transport properties of trans-polyphenylacetylene. Physica Status Solidi A, 1989, 116, 709-714.	1.7	2
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#	ARTICLE	IF	CITATIONS
19	High Photosensitivity in Cis-Poly(phenylacetylene) Films Irradiated by Electron Beams. <i>Polymer Journal</i> , 1991, 23, 963-968.	1.3	12
20	Photodegradation of poly(o-(trimethylsilyl)phenylacetylene) in solutions. <i>Polymer</i> , 1991, 32, 226-230.	1.8	7
21	Synthesis of soluble polyphenylacetylenes containing a strong donor function. <i>Polymer</i> , 1991, 32, 1531-1534.	1.8	45
22	Interaction of H ₂ O, O ₂ and CO ₂ with the surface of polyphenylacetylene films: an XPS investigation. <i>Chemical Physics Letters</i> , 1991, 185, 105-110.	1.2	17
23	Electrical conductivity and optical properties of sensitized poly[(N-benzylidiphenylamino)-methane] with crystal violet. <i>Polymer</i> , 1991, 32, 160-165.	1.8	6
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25	Carrier transport properties of poly(substituted phenylacetylene)s. <i>Polymer</i> , 1992, 33, 2189-2193.	1.8	21
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28	Structural Differences between Polypentynoates Bearing Mesogenic Moieties Polymerized with Rh Complex and WCl ₆ Catalysts. A ¹³ C-NMR and Raman Study. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 1996, 33, 291-303.	1.2	17
29	Poly(p-iodophenylacetylene): synthesis, characterization, polymer stability and photoelectrical properties. <i>Polymer</i> , 1997, 38, 3359-3367.	1.8	29
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33	Light-Emitting Devices with Conjugated Polymers. <i>International Journal of Molecular Sciences</i> , 2011, 12, 1575-1594.	1.8	64
34	Design, preparation and application of conjugated microporous polymers. <i>Polymer International</i> , 2014, 63, 381-392.	1.6	97
35	Third-Order Nonlinear Optical Interactions in Thin Films of Organic Polymers Investigated by Picosecond and Subpicosecond Four-Wave Mixing. <i>Springer Series in Chemical Physics</i> , 1986, , 518-520.	0.2	2