

Roberto Zamboni

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Bioactive Keratin and Fibroin Nanoparticles: An Overview of Their Preparation Strategies. <i>Nanomaterials</i> , 2022, 12, 1406. | 4.1 | 9 |
| 2 | Eco-Sustainable Silk Fibroin/Pomegranate Peel Extract Film as an Innovative Green Material for Skin Repair. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6805. | 4.1 | 1 |
| 3 | Keratin/Poly(lactic acid)/graphene oxide composite nanofibers for drug delivery. <i>International Journal of Pharmaceutics</i> , 2022, 623, 121888. | 5.2 | 9 |
| 4 | Structural and functional properties of astrocytes on PCL based electrospun fibres. <i>Materials Science and Engineering C</i> , 2021, 118, 111363. | 7.3 | 26 |
| 5 | Glial Interfaces: Advanced Materials and Devices to Uncover the Role of Astroglial Cells in Brain Function and Dysfunction. <i>Advanced Healthcare Materials</i> , 2021, 10, e2001268. | 7.6 | 15 |
| 6 | Polyaniline nano-needles into electrospun bio active fibres support in vitro astrocyte response. <i>RSC Advances</i> , 2021, 11, 11347-11355. | 3.6 | 6 |
| 7 | Graphene glial-interfaces: challenges and perspectives. <i>Nanoscale</i> , 2021, 13, 4390-4407. | 5.6 | 18 |
| 8 | Magnetic keratin/hydrotalcites sponges as potential scaffolds for tissue regeneration. <i>Applied Clay Science</i> , 2021, 207, 106090. | 5.2 | 15 |
| 9 | Effects of the Blending Ratio on the Design of Keratin/Poly(butylene succinate) Nanofibers for Drug Delivery Applications. <i>Biomolecules</i> , 2021, 11, 1194. | 4.0 | 22 |
| 10 | Cell Volume Regulation Mechanisms in Differentiated Astrocytes.. <i>Cellular Physiology and Biochemistry</i> , 2021, 55, 196-212. | 1.6 | 19 |
| 11 | Silk Fibroin and Pomegranate By-Products to Develop Sustainable Active Pad for Food Packaging Applications. <i>Foods</i> , 2021, 10, 2921. | 4.3 | 10 |
| 12 | Keratin/Hydrotalcites Hybrid Sponges as Promising Adsorbents for Cationic and Anionic Dyes. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 68. | 4.1 | 11 |
| 13 | Stimulation of water and calcium dynamics in astrocytes with pulsed infrared light. <i>FASEB Journal</i> , 2020, 34, 6539-6553. | 0.5 | 25 |
| 14 | A Glialâ€Silicon Nanowire Electrode Junction Enabling Differentiation and Noninvasive Recording of Slow Oscillations from Primary Astrocytes. <i>Advanced Biology</i> , 2020, 4, e1900264. | 3.0 | 20 |
| 15 | Extracellular Recording Systems: A Glialâ€Silicon Nanowire Electrode Junction Enabling Differentiation and Noninvasive Recording of Slow Oscillations from Primary Astrocytes (Adv.) <i>TJ ETQq1 1 0.784314.cgBT /Overlock 10 T</i> | 1.4 | 10 |
| 16 | Effect of Chemically Engineered Au/Ag Nanorods on the Optical and Mechanical Properties of Keratin Based Films. <i>Frontiers in Chemistry</i> , 2020, 8, 158. | 3.6 | 6 |
| 17 | LRRC8A is essential for swellingâ€activated chloride current and for regulatory volume decrease in astrocytes. <i>FASEB Journal</i> , 2019, 33, 101-113. | 0.5 | 37 |
| 18 | Keratin Film as Natural and Ecoâ€Friendly Support for Organic Optoelectronic Devices. <i>Advanced Sustainable Systems</i> , 2019, 3, 1900080. | 5.3 | 19 |

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|----|--|------|-----------|
| 19 | Polydopamine Nanoparticle-Coated Polysulfone Porous Granules as Adsorbents for Water Remediation. ACS Omega, 2019, 4, 4839-4847. | 3.5 | 25 |
| 20 | 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 |
| 21 | Silk Fibroin Based Technology for Industrial Biomanufacturing. , 2019, , 409-430. | | 5 |
| 22 | Electrical Stimulation by an Organic Transistor Architecture Induces Calcium Signaling in Nonexcitable Brain Cells. Advanced Healthcare Materials, 2019, 8, e1801139. | 7.6 | 16 |
| 23 | 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 |
| 24 | Keratin-hydrotalcites hybrid films for drug delivery applications. European Polymer Journal, 2018, 105, 177-185. | 5.4 | 50 |
| 25 | Instructive proteins for tissue regeneration. , 2018, , 23-49. | | 6 |
| 26 | Bioinspired scaffolds for bone and neural tissue and interface engineering. , 2018, , 51-74. | | 4 |
| 27 | Silk fibroin film from goldenâ€yellow <i>Bombyx mori</i> is a biocomposite that contains lutein and promotes axonal growth of primary neurons. Biopolymers, 2016, 105, 287-299. | 2.4 | 15 |
| 28 | 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 |
| 29 | Soft confinement of water in graphene-oxide membranes. Carbon, 2016, 108, 199-203. | 10.3 | 27 |
| 30 | A Nanoscale Interface Promoting Molecular and Functional Differentiation of Neural Cells. Scientific Reports, 2016, 6, 31226. | 3.3 | 27 |
| 31 | 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 |
| 32 | A Lysinated Thiophene-Based Semiconductor as a Multifunctional Neural Bioorganic Interface. Advanced Healthcare Materials, 2015, 4, 1190-1202. | 7.6 | 20 |
| 33 | APTES mediated modular modification of regenerated silk fibroin in a water solution. RSC Advances, 2015, 5, 63401-63406. | 3.6 | 14 |
| 34 | Naturally functionalized silk as useful material for photonic applications. Composites Part B: Engineering, 2015, 71, 152-158. | 12.0 | 16 |
| 35 | SILK.IT project: Silk Italian Technology for industrial biomanufacturing. Composites Part B: Engineering, 2015, 68, 281-287. | 12.0 | 11 |
| 36 | Innovative Multifunctional Silk Fibroin and Hydrotalcite Nanocomposites: A Synergic Effect of the Components. Biomacromolecules, 2014, 15, 158-168. | 5.4 | 35 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 37 | 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 |
| 38 | Selective MW-assisted surface chemical tailoring of hydrotalcites for fluorescent and biocompatible nanocomposites. RSC Advances, 2014, 4, 11840. | 3.6 | 14 |
| 39 | A nanostructured conductive bio-composite of silk fibroin and single walled carbon nanotubes. Journal of Materials Chemistry B, 2014, 2, 1424. | 5.8 | 40 |
| 40 | Bio-doping of regenerated silk fibroin solution and films: a green route for biomanufacturing. RSC Advances, 2014, 4, 33687-33694. | 3.6 | 21 |
| 41 | Front Matter: Volume 9253. Proceedings of SPIE, 2014, , . | 0.8 | 0 |
| 42 | N-type perylene-based organic semiconductors for functional neural interfacing. Journal of Materials Chemistry B, 2013, 1, 3850. | 5.8 | 28 |
| 43 | A transparent organic transistor structure for bidirectional stimulation and recording of primary neurons. Nature Materials, 2013, 12, 672-680. | 27.5 | 145 |
| 44 | 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 |
| 45 | Low-threshold blue lasing from silk fibroin thin films. Applied Physics Letters, 2012, 101, 091110. | 3.3 | 77 |
| 46 | Biofunctional Silk/Neuron Interfaces. Advanced Functional Materials, 2012, 22, 1871-1884. | 14.9 | 52 |
| 47 | Biomaterials: Biofunctional Silk/Neuron Interfaces (Adv. Funct. Mater. 9/2012). Advanced Functional Materials, 2012, 22, 1870-1870. | 14.9 | 0 |
| 48 | Silk Fibroin as Platform for Neural Cells and Hybrid Optoelectronics. Journal of Biobased Materials and Bioenergy, 2012, 6, 508-514. | 0.3 | 2 |
| 49 | Integration of silk protein in organic and light-emitting transistors. Organic Electronics, 2011, 12, 1146-1151. | 2.6 | 137 |
| 50 | A silk platform that enables electrophysiology and targeted drug delivery in brain astroglial cells. Biomaterials, 2010, 31, 7883-7891. | 11.4 | 59 |
| 51 | Efficient second harmonic generation from thin films of V-shaped benzo[b]thiophene based molecules. Optics Express, 2009, 17, 2557. | 3.4 | 12 |
| 52 | 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 |
| 53 | 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 |
| 54 | Characterization of indium tin oxide surfaces after KOH and HCl treatments. Organic Electronics, 2008, 9, 253-261. | 2.6 | 22 |

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| 55 | OLET architectures for electrically-pumped organic lasers. Proceedings of SPIE, 2008, , . | 0.8 | 1 |
| 56 | 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 |
| 57 | 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 |
| 58 | Degradation of organic light-emitting diodes under different environment at high drive conditions. Organic Electronics, 2007, 8, 37-43. | 2.6 | 78 |
| 59 | Organic light-emitting transistors using concentric source/drain electrodes on a molecular adhesion layer. Applied Physics Letters, 2006, 88, 163511. | 3.3 | 33 |
| 60 | J-Aggregation in β -Sexithiophene Submonolayer Films on Silicon Dioxide. Journal of the American Chemical Society, 2006, 128, 4277-4281. | 13.7 | 99 |
| 61 | Conjugated Polymers Oriented Organic Thin Films for Nonlinear Optics. Molecular Crystals and Liquid Crystals, 2006, 446, 23-45. | 0.9 | 9 |
| 62 | Light extraction and customized optical distribution from plastic micro-optics integrated OLEDs. , 2006, , . | | 0 |
| 63 | Degradation of organic light-emitting diode. , 2006, 6192, 442. | | 0 |
| 64 | 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 |
| 65 | 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 |
| 66 | Efficient light extraction and beam shaping from flexible, optically integrated organic light-emitting diodes. Applied Physics Letters, 2006, 88, 153514. | 3.3 | 32 |
| 67 | Oriented conjugated polymer thin films for all optical switching applications. , 2005, , . | | 0 |
| 68 | Morphology and Field-Effect-Transistor Mobility in Tetracene Thin Films. Advanced Functional Materials, 2005, 15, 375-380. | 14.9 | 111 |
| 69 | Mechanism of dark-spot degradation of organic light-emitting devices. Applied Physics Letters, 2005, 86, 041105. | 3.3 | 53 |
| 70 | Molecular orientation in ultrathin films of β -sexithiophene on silicon dioxide revealed by spatially resolved confocal spectroscopy. Synthetic Metals, 2005, 155, 287-290. | 3.9 | 6 |
| 71 | Tetracene light-emitting transistors on flexible plastic substrates. Applied Physics Letters, 2005, 86, 141106. | 3.3 | 85 |
| 72 | Supramolecular organization in ultra-thin films of β -sexithiophene on silicon dioxide. Nature Materials, 2004, 4, 81-85. | 27.5 | 205 |

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|----|--|------|-----------|
| 73 | Blue Luminescence of Facial Tris(quinolin-8-olato)aluminum(III) in Solution, Crystals, and Thin Films. <i>Advanced Materials</i> , 2004, 16, 861-864. | 21.0 | 87 |
| 74 | Tetracene-based organic light-emitting transistors: optoelectronic properties and electron injection mechanism. <i>Synthetic Metals</i> , 2004, 146, 329-334. | 3.9 | 104 |
| 75 | Flexible microstructured organic light sources for automotive applications. , 2004, , . | | 1 |
| 76 | Photonic engineering of nonlinear-optical properties of hybrid materials for efficient ultrafast optical switching (PHOENIX). , 2004, 5464, 39. | | 0 |
| 77 | Nanoscale femtosecond spectroscopy for material science and nanotechnology. <i>Synthetic Metals</i> , 2003, 139, 687-690. | 3.9 | 13 |
| 78 | Optical coupling of flexible microstructured organic light sources for automotive applications. <i>Synthetic Metals</i> , 2003, 139, 913-916. | 3.9 | 6 |
| 79 | Organic light emitting diodes with spin polarized electrodes. <i>Journal of Applied Physics</i> , 2003, 93, 7682-7683. | 2.5 | 49 |
| 80 | The intramolecular vibrational dynamics of mer-tris(8-hydroxyquinoline)aluminium(III). <i>Synthetic Metals</i> , 2002, 127, 247-250. | 3.9 | 5 |
| 81 | The nature of emitting states in electroluminescence of polymeric films doped with anthracene and anthracene-based supramolecules. <i>Chemical Physics</i> , 2002, 277, 387-396. | 1.9 | 28 |
| 82 | Time-resolved stimulated emission in an 1,6-sexithienyl thin film. <i>Synthetic Metals</i> , 2001, 116, 49-51. | 3.9 | 0 |
| 83 | Excimer-like electroluminescence from thin films of switchable supermolecular anthracene-based rotaxanes. <i>Synthetic Metals</i> , 2001, 122, 27-29. | 3.9 | 7 |
| 84 | Photophysical properties of thin films and solid phase of switchable supermolecular anthracene-based rotaxanes. <i>Synthetic Metals</i> , 2001, 122, 63-65. | 3.9 | 4 |
| 85 | Conformational Self-Recognition as the Origin of Dewetting in Bistable Molecular Surfaces. <i>Journal of Physical Chemistry B</i> , 2001, 105, 10826-10830. | 2.6 | 57 |
| 86 | Solid-state optical properties of the methyl-exopyridine-1,2,3-triazole-anthracene rotaxane. <i>Chemical Physics</i> , 2001, 269, 381-388. | 1.9 | 0 |
| 87 | Optical and electroemission properties of thin films of supermolecular anthracene-based rotaxanes. <i>Applied Surface Science</i> , 2001, 175-176, 369-373. | 6.1 | 7 |
| 88 | Observation of Phonon Resonances in the Optical Nonlinearity in an 1,6-Sexithienyl Thin Film. <i>Physica Status Solidi (B): Basic Research</i> , 2000, 221, 561-565. | 1.5 | 0 |
| 89 | Femtosecond differential transmission spectroscopy of 1,6-sexithienyl thin film. <i>Journal of Luminescence</i> , 2000, 87-89, 736-738. | 3.1 | 3 |
| 90 | Femtosecond Differential Transmission Spectroscopy of 1,6-Sexithienyl Thin Film at Low Temperature. <i>Journal of Physical Chemistry B</i> , 2000, 104, 6536-6540. | 2.6 | 4 |

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| 91 | Optical properties and the photoluminescence quantum yield of organic molecular materials. Journal of Optics, 2000, 2, 577-583. | 1.5 | 11 |
| 92 | Size of Electron-Hole Pairs in π -Conjugated Systems. Physical Review Letters, 1999, 83, 1443-1446. | 7.8 | 70 |
| 93 | Micro-Raman and Resistance Measurements of Epitaxial La _{0.7} Sr _{0.3} MnO ₃ Films. Physica Status Solidi (B): Basic Research, 1999, 215, 625-629. | 1.5 | 26 |
| 94 | Photoinduced charge transfer in complex architected films of c60 and donor-like molecules. Synthetic Metals, 1999, 103, 2392-2394. | 3.9 | 17 |
| 95 | STM investigation of flexible supramolecules: Benzylic amide [2] catenanes. Synthetic Metals, 1999, 102, 1466-1467. | 3.9 | 14 |
| 96 | Raman and far infrared characterization of the simplest benzylic amide [2] catenane. Synthetic Metals, 1999, 102, 1556-1557. | 3.9 | 2 |
| 97 | Femtosecond Transient Absorption Spectroscopy in π -sexithienyl thin films. Synthetic Metals, 1999, 101, 555-556. | 3.9 | 1 |
| 98 | The effect of intermolecular interaction on the electronic properties of quaterylene. Synthetic Metals, 1999, 102, 1589-1590. | 3.9 | 0 |
| 99 | 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 |
| 100 | Anisotropic Ordered Planar Growth of π -Sexithienyl Thin Films. Journal of Physical Chemistry B, 1999, 103, 7788-7795. | 2.6 | 62 |
| 101 | The Vibrational Signature of the Aluminum/Polythiophene Interface. Advanced Materials, 1998, 10, 319-324. | 21.0 | 25 |
| 102 | Disorder influenced optical properties of π -sexithiophene single crystals and thin evaporated films. Chemical Physics, 1998, 227, 49-56. | 1.9 | 54 |
| 103 | High-Frequency Vibrations of the Simplest Benzylic Amide [2]Catenane. Journal of Physical Chemistry A, 1998, 102, 5782-5788. | 2.5 | 19 |
| 104 | The Origin of Photoluminescence from π -Sexithienyl Thin Films. Journal of Physical Chemistry B, 1998, 102, 7563-7567. | 2.6 | 31 |
| 105 | Organic heteromultilayers: electronic structure of sexithienyl/ thin films grown in ultra-high vacuum. Journal of Optics, 1998, 7, 151-157. | 0.5 | 1 |
| 106 | Scaling Behavior of Anisotropic Organic Thin Films Grown in High Vacuum. Physical Review Letters, 1997, 78, 2389-2392. | 7.8 | 158 |
| 107 | Electrical and luminescent properties of double-layer oligomeric/ polymeric light-emitting diodes. Synthetic Metals, 1996, 76, 145-148. | 3.9 | 15 |
| 108 | Ultra-high-vacuum single-layer formation of π -hexathienyl on the (1 $\bar{1}$ -2) Au(110) surface. Synthetic Metals, 1996, 76, 173-176. | 3.9 | 7 |

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| 109 | Investigation of the low energy optic excitations in crystalline C60. Synthetic Metals, 1996, 77, 177-179. | 3.9 | 3 |
| 110 | Nonlinear optical properties of fullerenes. Synthetic Metals, 1996, 77, 257-263. | 3.9 | 37 |
| 111 | Hydrogen and humidity sensing properties of C60 thin films. Synthetic Metals, 1996, 77, 273-275. | 3.9 | 30 |
| 112 | Morphology and roughness of high-vacuum sublimed oligomer thin films. Thin Solid Films, 1996, 284-285, 439-443. | 1.8 | 18 |
| 113 | The intramolecular vibrations of prototypical polythiophenes. Journal of Chemical Physics, 1996, 104, 9704-9718. | 3.0 | 44 |
| 114 | Validity of the essential states model in fullerenes. , 1995, , . | | 1 |
| 115 | Location of charge transfer states in \pm -sexithienyl determined by the electroabsorption technique. Chemical Physics Letters, 1995, 232, 401-406. | 2.6 | 95 |
| 116 | Absorption at the dipole-forbidden optical gap of crystalline C60. Chemical Physics Letters, 1995, 236, 135-140. | 2.6 | 33 |
| 117 | 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 |
| 118 | Location of the lowest exciton in C60 single crystal by two-photon excitation spectroscopy. Chemical Physics Letters, 1995, 245, 107-112. | 2.6 | 28 |
| 119 | Three-Chamber UHV System for Organic Molecular Beam Epitaxy. Vakuum in Forschung Und Praxis, 1995, 7, 281-285. | 0.1 | 0 |
| 120 | Polarised Electroluminescence from Vacuum-Grown Organic Light-Emitting Diodes. Europhysics Letters, 1995, 32, 523-528. | 2.0 | 59 |
| 121 | Growth of conjugated oligomer thin films studied by atomic-force microscopy. Physical Review B, 1995, 52, 14868-14877. | 3.2 | 141 |
| 122 | Ultrafast Dynamics of Photoexcited States in C ₆₀ . Europhysics Letters, 1994, 25, 403-408. | 2.0 | 26 |
| 123 | Dispersion of Third-Harmonic-Generation Optical Susceptibility in C70 Thin Films. Physical Review Letters, 1994, 73, 1617-1620. | 7.8 | 29 |
| 124 | Wave-dispersed third-order nonlinear optical properties of C60 thin films. Chemical Physics Letters, 1994, 217, 418-422. | 2.6 | 82 |
| 125 | Raman scattering and lattice dynamics of fullerides MxC60. Synthetic Metals, 1994, 64, 341-352. | 3.9 | 8 |
| 126 | Energy-dependent branching between fluorescence and singlet exciton dissociation in sexithienyl thin films. Chemical Physics Letters, 1993, 216, 418-423. | 2.6 | 34 |

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| 127 | Electrical characteristics of field-effect transistors formed with ordered $\hat{1}\pm$ -sexithienyl. Synthetic Metals, 1993, 54, 447-452. | 3.9 | 131 |
| 128 | Low energy neutral and charged excitations in $\hat{1}\pm$ -sexithienyl: a polythiophene model compound. Synthetic Metals, 1993, 57, 4991-4996. | 3.9 | 1 |
| 129 | Light-induced oxygen incision of C60. Journal of the Chemical Society Chemical Communications, 1993, , 220. | 2.0 | 67 |
| 130 | Linear and nonlinear spectroscopy of highly oriented thin films of $\hat{1}\pm$ -sexithienyl: a model for polythiophene. Synthetic Metals, 1993, 57, 4714-4721. | 3.9 | 8 |
| 131 | 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 |
| 132 | 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 |
| 133 | Oxygen effect on photoluminescence of fullerite C60 thin films. Synthetic Metals, 1993, 56, 3119-3124. | 3.9 | 14 |
| 134 | Nonlinear optical properties of sublimed C60 thin films. Synthetic Metals, 1993, 54, 21-32. | 3.9 | 25 |
| 135 | Raman scattering in ferromagnetic TDAE-C60 compared to TDAE-C70. Synthetic Metals, 1993, 56, 3050-3056. | 3.9 | 18 |
| 136 | The chemical and electronic structure of the interface between aluminum and conjugated polymers or molecules. Synthetic Metals, 1993, 55, 212-217. | 3.9 | 64 |
| 137 | Electronic levels ordering in $\hat{1}\pm$ -sexithienyl. Synthetic Metals, 1993, 54, 57-66. | 3.9 | 42 |
| 138 | The chemical and electronic structure of the interface between aluminum and polythiophene semiconductors. Journal of Chemical Physics, 1993, 99, 664-672. | 3.0 | 162 |
| 139 | Location of the low-energy $1A_g$ state in a polythiophene oligomer by two-photon absorption spectroscopy: $\hat{1}\pm$ -sexithienyl. Physical Review Letters, 1992, 68, 919-922. | 7.8 | 110 |
| 140 | Photoexcitations and nonlinear optical properties in thiophene-based conjugated systems. , 1992, , . | | 0 |
| 141 | Study of Photogenerated Nonlinear Excitations in a Polythiophene Model Compound: $\hat{1}\pm$ -Sexithienyl. Molecular Crystals and Liquid Crystals, 1992, 218, 113-116. | 0.3 | 5 |
| 142 | Influence of oxygen and excitation wavelength on C60 film fluorescence. Journal of Applied Spectroscopy, 1992, 57, 882-885. | 0.7 | 0 |
| 143 | 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 |
| 144 | CDW suppression and photoinduced gap states in BaBiO3. Solid State Communications, 1992, 81, 419-423. | 1.9 | 5 |

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| 145 | Direct evidence of polaron resonance enhancement of cubic susceptibility in polythiophene. Synthetic Metals, 1991, 43, 3197-3200. | 3.9 | 4 |
| 146 | Photoinduced absorption in a series of thiophene based conjugated polymers. Synthetic Metals, 1991, 41, 579-582. | 3.9 | 8 |
| 147 | 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 |
| 148 | Electronic and infrared properties of the 1±-sexithienyl single crystal. Synthetic Metals, 1991, 42, 2359-2362. | 3.9 | 32 |
| 149 | (FT-NIR) Raman scattering in pressed pellets of BEDT-TTF based organic metals. Synthetic Metals, 1991, 42, 2241-2244. | 3.9 | 7 |
| 150 | Third order nonlinear optical response in a thiophene substituted conjugated polyene: DTDMP. Synthetic Metals, 1991, 43, 3177-3180. | 3.9 | 2 |
| 151 | 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 |
| 152 | Optical studies of BaBiO3: A 3D charge density wave (CDW) insulator. Synthetic Metals, 1991, 43, 3977-3980. | 3.9 | 3 |
| 153 | Evidence for electron-phonon coupling in vibrational spectrum of Bi2Sr2CaCu2O8 single crystal. Solid State Communications, 1991, 78, 979-982. | 1.9 | 4 |
| 154 | Infrared and Raman spectra of cytosine and cytidinium salts. Spectrochimica Acta Part A: Molecular Spectroscopy, 1991, 47, 863-874. | 0.1 | 10 |
| 155 | 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 |
| 156 | Evidence of charge localization from photoinduced infrared absorption in BaBiO3. Bulletin of Materials Science, 1991, 14, 533-538. | 1.7 | 0 |
| 157 | Resonant Raman scattering on single crystals of (BEDT-TTF)2Cu(NCS)2. Solid State Communications, 1990, 73, 41-44. | 1.9 | 17 |
| 158 | Frequency variation of cubic susceptibility in the new conjugated polymers PTT and PDTB. Synthetic Metals, 1990, 37, 223-229. | 3.9 | 25 |
| 159 | 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 |
| 160 | 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 |
| 161 | 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 |
| 162 | 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 |

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| 163 | Synthesis and properties of polydithienobenzene. Synthetic Metals, 1989, 28, 521-526. | 3.9 | 9 |
| 164 | Preparation and properties of a new conducting polyheterocycle: Polydithieno [3, 4-b : 3- π^2 , 4- π^2 -d] thiophene (PDTT). Synthetic Metals, 1989, 28, 527-532. | 3.9 | 19 |
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