

Igor F Perepichka

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Soluble Two-Dimensional Donor–Acceptor Aza-Fused Aromatic Frameworks and their Electrochromism between the Visible and Near-Infrared Regions. <i>Chemistry of Materials</i> , 2022, 34, 4896-4909. | 6.7 | 5 |
| 2 | Soft-template electropolymerization of 3,4-(2,3-naphthylenedioxy)thiophene-2-acetic acid esters favoring dimers: Controlling the surface nanostructure by side ester groups. <i>Electrochimica Acta</i> , 2022, 425, 140684. | 5.2 | 3 |
| 3 | Three-phase electric power driven electroluminescent devices. <i>Nature Communications</i> , 2021, 12, 54. | 12.8 | 21 |
| 4 | Thiophene-2,5-diester as electrochromic materials: The effect of ester groups on the device performance and stability. <i>Organic Electronics</i> , 2021, 96, 106188. | 2.6 | 7 |
| 5 | Nitroaromatics as n-type organic semiconductors for field effect transistors. <i>Chemical Communications</i> , 2020, 56, 6432-6435. | 4.1 | 14 |
| 6 | Multicolored Cathodically Coloring Electrochromism and Electrofluorochromism in Regioisomeric Star-Shaped Carbazole Dibenzofurans. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 24156-24164. | 8.0 | 31 |
| 7 | Exceptionally Strong Effect of Small Structural Variations in Functionalized 3,4-Phenylenedioxythiophenes on the Surface Nanostructure and Parahydrophobic Properties of Their Electropolymerized Films. <i>Macromolecules</i> , 2019, 52, 8088-8102. | 4.8 | 17 |
| 8 | Isothianaphthene diimide: an air-stable n-type semiconductor. <i>Science China Chemistry</i> , 2019, 62, 1360-1364. | 8.2 | 13 |
| 9 | Mono- and ditopic hydroxamate ligands towards discrete and extended network architectures. <i>Dalton Transactions</i> , 2019, 48, 10180-10190. | 3.3 | 8 |
| 10 | Electrochromic Smart Windows Can Achieve an Absolute Private State through Thermochromically Engineered Electrolyte. <i>Advanced Energy Materials</i> , 2019, 9, 1900433. | 19.5 | 88 |
| 11 | A Templateless Electropolymerization Approach to Porous Hydrophobic Nanostructures Using 3,4-Phenylenedioxythiophene Monomers with Electron-Withdrawing Groups. <i>ChemNanoMat</i> , 2018, 4, 656-662. | 2.8 | 14 |
| 12 | 4,5-Diazafluorene co-oligomers as electron-deficient light-emitting materials and selective fluorescence sensors for mercury(II) cations. <i>Journal of Materials Chemistry C</i> , 2018, 6, 3762-3773. | 5.5 | 19 |
| 13 | 3,4-Phenylenedioxythiophenes (PheDOTs) functionalized with electron-withdrawing groups and their analogs for organic electronics. <i>Journal of Materials Chemistry C</i> , 2018, 6, 3743-3756. | 5.5 | 15 |
| 14 | Thieno[3,2-b]thiophene-based conjugated copolymers for solution-processable neutral black electrochromism. <i>Polymer Chemistry</i> , 2018, 9, 5608-5616. | 3.9 | 46 |
| 15 | Exploring the electrochromic properties of poly(thieno[3,2-b]thiophene)s decorated with electron-deficient side groups. <i>Polymer Chemistry</i> , 2017, 8, 769-784. | 3.9 | 32 |
| 16 | Molecular engineering tuning optoelectronic properties of thieno[3,2-b]thiophenes-based electrochromic polymers. <i>Science China Chemistry</i> , 2017, 60, 63-76. | 8.2 | 21 |
| 17 | Threshold-like complexation of conjugated polymers with small molecule acceptors in solution within the neighbor-effect model. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 4684-4696. | 2.8 | 9 |
| 18 | Charge Transfer Dynamics in Donor–Acceptor Complexes between a Conjugated Polymer and Fluorene Acceptors. <i>Journal of Physical Chemistry C</i> , 2014, 118, 30291-30301. | 3.1 | 26 |

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| 19 | Advances and Challenges in the Synthesis of Poly(<i>p</i> -phenylene vinylene)-Based Polymers. Israel Journal of Chemistry, 2014, 54, 674-688. | 2.3 | 59 |
| 20 | Special Issue on Organic Electronics: In Memory of Prof. Michael Bendikov (1971-2013). Israel Journal of Chemistry, 2014, 54, 426-428. | 2.3 | 0 |
| 21 | Acceptor Energy Offset Manages Ultrafast Recombination Dynamics in Donor-Acceptor Mixtures. EPJ Web of Conferences, 2013, 41, 05036. | 0.3 | 0 |
| 22 | Laser characteristics of a family of benzene-cored star-shaped oligofluorenes. Semiconductor Science and Technology, 2012, 27, 094005. | 2.0 | 21 |
| 23 | Flat conjugated polymers combining a relatively low HOMO energy level and band gap: polyselenophenes versus polythiophenes. Journal of Materials Chemistry, 2012, 22, 14645. | 6.7 | 50 |
| 24 | π-conjugation and charge polarization in fluorene-dibenzothiophene-S,S-dioxide co-oligomers by Raman spectroscopy and quantum chemistry. Journal of Chemical Physics, 2011, 134, 044520. | 3.0 | 13 |
| 25 | Star-shaped π-conjugated oligomers and their applications in organic electronics and photonics. Chemical Society Reviews, 2010, 39, 2695. | 38.1 | 329 |
| 26 | A versatile synthesis of benzothieno-annelated 1,2-dihydropyridine and 1,2,3,4-tetrahydropyridine derivatives: the effect of the structure of benzothieno-annelated pyridinium salts on their reduction by sodium borohydride. Monatshefte für Chemie, 2010, 141, 35-43. | 1.8 | 5 |
| 27 | Raman Spectra and Quantum Chemistry Calculations of Fluorene-Dibenzothiophene-S,S-dioxide Oligomers. , 2010, , . | | 0 |
| 28 | Broadly tunable deep blue laser based on a star-shaped oligofluorene truxene. Synthetic Metals, 2010, 160, 1397-1400. | 3.9 | 48 |
| 29 | Low-threshold organic laser based on an oligofluorene truxene with low optical losses. Applied Physics Letters, 2009, 94, . | 3.3 | 95 |
| 30 | Exploiting a Dual-Fluorescence Process in Fluorene-Dibenzothiophene-S,S-dioxide Copolymers to Give Efficient Single Polymer LEDs with Broadened Emission. Advanced Functional Materials, 2009, 19, 586-591. | 14.9 | 108 |
| 31 | Direct Laser Writing of Nanosized Oligofluorene Truxenes in UV-Transparent Photoresist Microstructures. Advanced Materials, 2009, 21, 781-785. | 21.0 | 35 |
| 32 | Star-shaped oligofluorene nanostructured blend materials: controlled micro-patterning and physical characteristics. Applied Physics A: Materials Science and Processing, 2009, 97, 119-123. | 2.3 | 4 |
| 33 | Hybrid GaN/organic microstructured light-emitting devices via ink-jet printing. Optics Express, 2009, 17, 16436. | 3.4 | 33 |
| 34 | Cationic Bis-cyclometallated Iridium(III) Phenanthroline Complexes with Pendant Fluorenyl Substituents: Synthesis, Redox, Photophysical Properties and Light-Emitting Cells. Chemistry - A European Journal, 2008, 14, 933-943. | 3.3 | 105 |
| 35 | Contrasting Photodynamics between C ₆₀ -Dithiapyrene and C ₆₀ -Pyrene Dyads. Chemistry - A European Journal, 2008, 14, 250-258. | 3.3 | 23 |
| 36 | Combining High Electron Affinity and Intramolecular Charge Transfer in 1,3-Dithiole-Nitrofluorene Push-Pull Diads. Chemistry - A European Journal, 2008, 14, 2757-2770. | 3.3 | 27 |

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| 37 | Dipolar Stabilization of Emissive Singlet Charge Transfer Excited States in Polyfluorene Copolymers. <i>Journal of Physical Chemistry B</i> , 2008, 112, 6557-6566. | 2.6 | 67 |
| 38 | Controlled micro-patterning of highly-fluorescent truxene-oligofluorene nanostructured blends. , 2008, , . | | 0 |
| 39 | Fluorene functionalised sexithiophenesâ€”utilising intramolecular charge transfer to extend the photocurrent spectrum in organic solar cells. <i>Journal of Materials Chemistry</i> , 2007, 17, 1055-1062. | 6.7 | 29 |
| 40 | Blue organic light emitting devices with improved colour purity and efficiency through blending of poly(9,9-dioctyl-2,7-fluorene) with an electron transporting material. <i>Journal of Materials Chemistry</i> , 2007, 17, 2996. | 6.7 | 42 |
| 41 | Electronic and Molecular Structures of Trigonal Truxene-Core Systems Conjugated to Peripheral Fluorene Branches. Spectroscopic and Theoretical Study. <i>Journal of Physical Chemistry B</i> , 2007, 111, 4026-4035. | 2.6 | 36 |
| 42 | Electrochemistry, Spectroscopy, and Electrogenenerated Chemiluminescence of Some Star-Shaped Truxeneâ”Oligofluorene Compoundsâ€. <i>Journal of Physical Chemistry B</i> , 2007, 111, 6612-6619. | 2.6 | 46 |
| 43 | A Tris-Cyclometalated Iridium(III) Complex of 2-(5,5-Dioxido-dibenzothiophen-3-yl)pyridine: Synthesis, Structural, Redox and Photophysical Properties. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 4808-4814. | 2.0 | 25 |
| 44 | All-optical poling properties of new nonlinear fluorene derivatives. <i>Chemical Physics</i> , 2007, 331, 339-345. | 1.9 | 10 |
| 45 | Intramolecular Charge Transfer Assisted by Conformational Changes in the Excited State of Fluorene-dibenzothiophene-S,S-dioxide Co-oligomers. <i>Journal of Physical Chemistry B</i> , 2006, 110, 19329-19339. | 2.6 | 130 |
| 46 | New electroluminescent bipolar compounds for balanced charge-transport and tuneable colour in organic light emitting diodes: triphenylamineâ€“oxadiazoleâ€“fluorene triad molecules. <i>Journal of Materials Chemistry</i> , 2006, 16, 3823-3835. | 6.7 | 122 |
| 47 | Ethyl 9-dicyanomethylene-2,5,7-trinitrofluorene-4-carboxylate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006, 62, o885-o887. | 0.2 | 1 |
| 48 | Bistable molecular orientation of a fluorene derivative with an intramolecular charge transfer in a poly(methyl methacrylate) host. <i>Chemical Physics Letters</i> , 2006, 421, 478-482. | 2.6 | 2 |
| 49 | Synthesis of new axially-disubstituted silicon-phthalocyanine derivatives: optical and structural characterisation. <i>Tetrahedron</i> , 2006, 62, 9433-9439. | 1.9 | 54 |
| 50 | Electronic Interactions in a New Î€-Extended Tetrathiafulvalene Dimer. <i>Chemistry - A European Journal</i> , 2006, 12, 2709-2721. | 3.3 | 33 |
| 51 | Electronic Properties and Reactivity of Short-Chain Oligomers of 3,4-Phenylenedioxythiophene (PheDOT). <i>Chemistry - A European Journal</i> , 2006, 12, 2960-2966. | 3.3 | 48 |
| 52 | Remarkable Interplay of Redox States and Conformational Changes in a Sterically Crowded, Cross-Conjugated Tetrathiafulvalene Vinylog. <i>Chemistry - A European Journal</i> , 2006, 12, 5481-5494. | 3.3 | 8 |
| 53 | Light-Emitting Polythiophenes. <i>Advanced Materials</i> , 2005, 17, 2281-2305. | 21.0 | 858 |
| 54 | Reaction of 2â€“cyclohexâ€“methylbenzo[<i>c</i>]furanâ€“3â€“acetic acids derivatives with hydrazine. <i>Journal of Heterocyclic Chemistry</i> , 2005, 42, 811-817. | 2.6 | 5 |

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| 55 | A Versatile Synthesis of Pyrazolo[3,4-c]isoquinoline Derivatives by Reaction of 4-Aryl-5-aminopyrazoles with Aryl/Heteroaryl Aldehydes: The Effect of the Heterocycle on the Reaction Pathways.. ChemInform, 2005, 36, no. | 0.0 | 0 |
| 56 | Reaction of 2-Acyl-6-methylbenzo[b]furan-3-acetic Acids Derivatives with Hydrazine.. ChemInform, 2005, 36, no. | 0.0 | 0 |
| 57 | Unusual Double $\text{O}^{\ominus}/\text{N}^{\oplus}$ Recyclization of 5-Alkyl-7,8-dimethoxy-2-arylbenzo[d]pyrrolo[3,2-b]pyrylium Perchlorates into 5-Alkyl-7,8-dimethoxy-2-arylfuro[2,3-c]isoquinolines. Synlett, 2005, 2005, 1036-1038. | 1.8 | 1 |
| 58 | Enhanced electron injection and efficiency in blended-layer organic light emitting diodes with aluminium cathodes: new 2,5-diaryl-1,3,4-oxadiazole-fluorene hybrids incorporating pyridine units. Journal of Materials Chemistry, 2005, 15, 5164. | 6.7 | 26 |
| 59 | New 2,5-diaryl-1,3,4-oxadiazole-fluorene hybrids as electron transporting materials for blended-layer organic light emitting diodes. Journal of Materials Chemistry, 2005, 15, 194-203. | 6.7 | 74 |
| 60 | A versatile synthesis of pyrazolo[3,4-c]isoquinoline derivatives by reaction of 4-aryl-5-aminopyrazoles with aryl/heteroaryl aldehydes: the effect of the heterocycle on the reaction pathways. Organic and Biomolecular Chemistry, 2005, 3, 932. | 2.8 | 20 |
| 61 | Dibenzothiophene-S,S-dioxide-fluorene co-oligomers. Stable, highly-efficient blue emitters with improved electron affinity. Chemical Communications, 2005, , 3397. | 4.1 | 118 |
| 62 | 9-Dicyanomethylene-4,5-dinitrofluorene-2,7-disulfonamide. Acta Crystallographica Section E: Structure Reports Online, 2004, 60, o1892-o1894. | 0.2 | 2 |
| 63 | Electrogenerated conjugated polymers incorporating a ferrocene-derivatized-(3,4-ethylenedioxythiophene). Electrochemistry Communications, 2004, 6, 249-253. | 4.7 | 42 |
| 64 | 3,4-Phenylenedioxythiophene (PheDOT): a novel platform for the synthesis of planar substituted π -donor conjugated systems. Journal of Materials Chemistry, 2004, 14, 1396-1400. | 6.7 | 57 |
| 65 | 2,5-Di(aryleneethynyl)pyrazine derivatives: synthesis, structural and optoelectronic properties, and light-emitting device. New Journal of Chemistry, 2004, 28, 912-918. | 2.8 | 40 |
| 66 | Effect of substitution of 3,4-ethylenedioxythiophene (EDOT) on the electronic properties of the derived electrogenerated low band gap conjugated polymers Electronic supplementary information (ESI) available: experimental and spectroscopic data. See http://www.rsc.org/suppdata/jm/b4/b403818e/ . Journal of Materials Chemistry, 2004, 14, 1679. | 6.7 | 49 |
| 67 | Synthesis and Properties of Monodisperse Oligofluorene-Functionalized Truxenes: A Highly Fluorescent Star-Shaped Architectures. Journal of the American Chemical Society, 2004, 126, 13695-13702. | 13.7 | 282 |
| 68 | New pyrimidine- and fluorene-containing oligo(arylene)s: synthesis, crystal structures, optoelectronic properties and a theoretical study. Organic and Biomolecular Chemistry, 2003, 1, 3069-3077. | 2.8 | 62 |
| 69 | Hydrophilic Oligo(oxyethylene)-Derivatized Poly(3,4-ethylenedioxythiophenes): A Cation-Responsive Optoelectrochemical Properties and Solid-State Chromism. Chemistry of Materials, 2002, 14, 449-457. | 6.7 | 82 |
| 70 | A (π -Extended Tetrathiafulvalene)-Fluorene Conjugate. Unusual Electrochemistry and Charge Transfer Properties: The First Observation of a Covalent D_2^+ -Redox State. Journal of the American Chemical Society, 2002, 124, 14227-14238. | 13.7 | 60 |
| 71 | Electrochromics by Intramolecular Redox Switching of Single Bonds. European Journal of Organic Chemistry, 2002, 2002, 1603-1613. | 2.4 | 15 |
| 72 | Evaluation of the parameters of 1:1 charge transfer complexes from spectrophotometric data by non-linear numerical method. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2002, 58, 2913-2923. | 3.9 | 24 |

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| 73 | An unexpected TFAQ donor-fluorene acceptor reaction resulting in a novel salt: 2,6-dihexyloxy-9,10-bis(4,5-dimethyl-1,3-dithiol-2-ylidene)-anthracene bis(2,5,7-trinitro-4-bromo-9-cyanofluorene) dioxane trisolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2002, 58, o1106-o1110. | 0.2 | 2 |
| 74 | Supramolecular architecture of two charge-transfer complexes based on 2,7-(X, Y)-substituted fluorene derivatives. <i>Chemical Communications</i> , 2002, 47, 251-261. | 0.6 | 9 |
| 75 | Electron acceptors of the fluorene series in photothermoplastic storage media for holography. <i>Synthetic Metals</i> , 2001, 121, 1475-1476. | 3.9 | 3 |
| 76 | Push-pull dithiole fluorene acceptors as electron transport materials for holography. <i>Synthetic Metals</i> , 2001, 121, 1487-1488. | 3.9 | 17 |
| 77 | Extended nitrofluorene-1,3-dithiole chromophore: enhancing the photoresponse of holographic materials through the balance of intramolecular charge transfer and electron affinity. <i>Journal of Materials Chemistry</i> , 2001, 11, 1772-1774. | 6.7 | 16 |
| 78 | Electron acceptors of the fluorene series. Part 13. 9-(5-Nitrofuran-2-ylidene)- and 9-(5-nitro-2-thienylidene)-2,4,5,7-tetranitrofluorenes: novel extended electron acceptors. Synthesis, cyclic voltammetry and X-ray crystal structures for the acceptor and its 4,5-dimethyltetrathiafulvalene complex, and a theoretical study. <i>Perkin Transactions II RSC</i> , 2001, , 1546-1551. | 1.1 | 5 |
| 79 | Toward Controlled Donor-Acceptor Interactions in Noncomposite Polymeric Materials: Synthesis and Characterization of a Novel Polythiophene Incorporating Conjugated 1,3-Dithiole-2-ylidene-fluorene Units as Strong Donor Components. <i>Macromolecules</i> , 2001, 34, 2232-2241. | 4.8 | 39 |
| 80 | Cocrystals of 2-(2,4,5,7-tetranitrofluorene-9-ylidene)propanedinitrile and 2,4,5,7-tetranitrofluorene-9-one with chlorobenzene. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2001, 57, 1299-1302. | 0.4 | 2 |
| 81 | Electron acceptors of the fluorene series. <i>Journal of Organometallic Chemistry</i> , 2001, 637-639, 445-462. | 1.8 | 23 |
| 82 | Convenient one pot synthesis of unsubstituted pyrazolo [3,4-c]isoquinolines. <i>Journal of Heterocyclic Chemistry</i> , 2001, 38, 523-525. | 2.6 | 8 |
| 83 | Synthesis, Structures and Nonlinear Optical Properties of Novel Donor-Acceptor Chromophores: Intramolecular Charge Transfer from 1,3-Dithiole or Ferrocene Moieties to Polynitrofluorene or Dicyanomethylene Moieties through Conjugated Linkers. <i>European Journal of Organic Chemistry</i> , 2001, 2001, 2671-2687. | 2.4 | 58 |
| 84 | Rapid and Efficient Post-Polymerization Functionalization of Poly(3,4-ethylenedioxythiophene) (PEDOT) Derivatives on an Electrode Surface. <i>Advanced Materials</i> , 2001, 13, 1249-1252. | 21.0 | 59 |
| 85 | Synthesis and crystal engineering of new halogenated tetrathiafulvalene (TTF) derivatives and their charge transfer complexes and radical ion salts. <i>Journal of Materials Chemistry</i> , 2001, 11, 2181-2191. | 6.7 | 58 |
| 86 | Violen/Cyanine Hybrids as Electrochromics Part 2: Tetrakis(4-dimethylaminophenyl)ethene and Its Derivatives. <i>Chemistry - A European Journal</i> , 2000, 6, 2618-2632. | 3.3 | 87 |
| 87 | Violen/Cyanine Hybrids as Electrochromic Systems. Part 3: 1 Heterocyclic Onium End Groups. <i>Tetrahedron</i> , 2000, 56, 4203-4211. | 1.9 | 41 |
| 88 | Electron Acceptors of the Fluorene Series. 10.1 Novel Acceptors Containing Butylsulfanyl, Butylsulfinyl, and Butylsulfonyl Substituents: Synthesis, Cyclic Voltammetry, Charge-Transfer Complexation with Anthracene in Solution, and X-ray Crystal Structures of Two Tetrathiafulvalene Complexes. <i>Journal of Organic Chemistry</i> , 2000, 65, 3053-3063. | 3.2 | 58 |
| 89 | Synthesis and Trapping of Transient 1,2-Diselenones To Yield 1,4-Diselenin Derivatives: Calculated Structures of 1,2-Diselenones, 1,2-Diselenetes and Their Sulfur Analogues. <i>Chemistry - A European Journal</i> , 2000, 6, 1153-1159. | 3.3 | 10 |
| 90 | The acid-catalysed rearrangements of 4,5-bis(2-thienylhydroxymethyl)-1,3-dithiole-2-thione. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1999, , 1405-1410. | 0.9 | 7 |

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| 91 | Violenes/Cyanine Hybrids: A General Structure for Electrochromic Systems. <i>Chemistry - A European Journal</i> , 1999, 5, 1969-1973. | 3.3 | 74 |
| 92 | Electron acceptors of the fluorene series. Part 8.1 Electrochemical and intramolecular charge transfer studies of thiophene functionalised fluorenes. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1999, , 505-514. | 0.9 | 24 |
| 93 | Electron Acceptors of the Fluorene Series. 9.1 Derivatives of 9-(1,2-Dithiol-3-ylidene)-, 9-(1,3-Dithiol-2-ylidene)-, and 9-(1,3-Selenathiol-2-ylidene)fluorenes: Synthesis, Intramolecular Charge Transfer, and Redox Properties. <i>Journal of Organic Chemistry</i> , 1999, 64, 6937-6950. | 3.2 | 52 |
| 94 | Push-pull fluorene acceptors with ferrocene donor moiety. <i>Synthetic Metals</i> , 1999, 102, 1558-1559. | 3.9 | 15 |
| 95 | Sensitisation of photoconductivity of poly-N-(2,3-epoxypropyl)carbazole films by TCNQ and fluorene acceptors. <i>Synthetic Metals</i> , 1999, 101, 9-10. | 3.9 | 9 |
| 96 | Synthesis and electropolymerisation of thiophene functionalised fluorenes. <i>Synthetic Metals</i> , 1999, 102, 1336-1337. | 3.9 | 27 |
| 97 | Novel Terthiophene and Bis(thienyl)furan Derivatives as Precursors to Highly Electroactive Polymers. <i>Journal of Organic Chemistry</i> , 1999, 64, 6418-6424. | 3.2 | 44 |
| 98 | (N-Methylthiocarbamoyl)tetrathiafulvalene derivatives and their radical cations: synthetic and X-ray structural studies. <i>Journal of Materials Chemistry</i> , 1998, 8, 1541-1550. | 6.7 | 58 |
| 99 | Fluorene acceptors with intramolecular charge-transfer from 1,3-dithiole donor moieties: novel electron transport materials. <i>Chemical Communications</i> , 1998, , 819-820. | 4.1 | 19 |
| 100 | Electron Acceptors of the Fluorene Series. 7.12,7-Dicyano-4,5-dinitro-9-X-fluorenes: Synthesis, Cyclic Voltammetry, Charge Transfer Complexation with N-Propylcarbazole in Solution, and X-ray Crystal Structures of Two Tetrathiafulvalene Complexes. <i>Journal of Organic Chemistry</i> , 1998, 63, 6484-6493. | 3.2 | 51 |
| 101 | <title>Optimization of photothermoplastic materials for rainbow hologram recording</title> . , 1997, , . | | 1 |
| 102 | Electron acceptors of the fluorene series. Part 6.1 Synthesis of 4,5-dinitro-9-X-fluorene-2,7-disulfonic acid derivatives, their charge transfer complexes with anthracene and sensitization of photoconductivity of poly-N-(2,3-epoxypropyl)carbazole. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1997, , 537-546. | 0.9 | 29 |
| 103 | Electron acceptors of the fluorene series. Part 5. Intramolecular charge transfer in nitro-substituted 9-(aminomethylene)fluorenes. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1996, , 2453. | 0.9 | 26 |
| 104 | Fluorene derivatives with intramolecular charge-transfer: exceptionally easy rotation around the double C(9)-C(1) bond in nitro-substituted 9-aminomethylene fluorenes. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1995, , 3-5. | 0.9 | 12 |
| 105 | Fluorene Compounds with Intramolecular Charge Transfer Containing Dithiolylidene and Selenathiolylidene Substituents. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1994, 95, 527-529. | 1.6 | 7 |
| 106 | Kinetics and mechanism of the interaction of amines with aryl α -haloethyl sulphones. <i>Journal of Physical Organic Chemistry</i> , 1994, 7, 525-533. | 1.9 | 0 |
| 107 | Fluorene Compounds with Intramolecular Charge Transfer Containing Dithiolylidene and Selenathiolylidene Substituents. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1994, 95, 527-529. | 1.6 | 1 |
| 108 | Nucleophilic addition of amines to the activated ethylene bond. Part 3. Kinetics and mechanism of the addition of amines to trans-(2-furyl)nitroethylene. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1989, , 395. | 0.9 | 14 |

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| 109 | Novel Photonic Responses from Low-Dimensional Crystals of Thiophene/Phenylene Oligomers. , 0 , 455-476. | | 1 |
| 110 | Fused Oligothiophenes. , 0 , 219-254. | | 10 |
| 111 | Polythiophenes as Active Electrode Materials for Electrochemical Capacitors. , 0 , 577-594. | | 4 |
| 112 | Thienothiophene Copolymers in Field Effect Transistors. , 0 , 647-672. | | 1 |
| 113 | Thiophene-Based Electrochromic Materials. , 0 , 757-782. | | 3 |
| 114 | Photoresponsive Thiophene-Based Molecules and Materials. , 0 , 783-811. | | 1 |
| 115 | Synthesis and Properties of Oligo- and Polythiophenes Containing Transition Metals. , 0 , 293-319. | | 3 |
| 116 | Thiophene-S,S-Dioxides as a Class of Electron-Deficient Materials for Electronics and Photonics. , 0 , 255-292. | | 3 |
| 117 | Synthesis, Characterization and Properties of Regioregular Polythiophene-Based Materials. , 0 , 157-217. | | 15 |
| 118 | Theoretical Studies on Thiophene-Containing Compounds. , 0 , 365-417. | | 7 |