# J Sergio Seixas De Melo

List of Publications by Year
in descending order



| 205 | 6,586 | 53660 45 | 88477 70 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 209 | 209 | 209 | 6825 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Comprehensive Evaluation of the Absorption, Photophysical, Energy Transfer, Structural, and Theoretical Properties of Î±-Oligothiophenes with One to Seven Rings. The Journal of Physical Chemistry, 1996, 100, 18683-18695. | 2.9 | 505 |
| 2 | Comprehensive investigation of the solution photophysics and theoretical aspects of oligothiophenes of 1-7 rings. Pure and Applied Chemistry, 1995, 67, 9-16. | 0.9 | 172 |
| 3 | Photophysical Behavior of Coumarins as a Function of Substitution and Solvent: Experimental Evidence for the Existence of a Lowest Lying 1(n,.pi.*) State. The Journal of Physical Chemistry, 1994, 98, 6054-6058. | 2.9 | 170 |
| 4 | Heavy-atom effects on metalloporphyrins and polyhalogenated porphyrins. Chemical Physics, 2002, 280, 177-190. | 0.9 | 170 |
| 5 | Photophysical and Spectroscopic Studies of Indigo Derivatives in Their Keto and Leuco Forms. Journal of Physical Chemistry A, 2004, 108, 6975-6981. | 1.1 | 159 |
| 6 | Singlet and triplet energies of Î±-oligothiophenes: A spectroscopic, theoretical, and photoacoustic study: Extrapolation to polythiophene. Journal of Chemical Physics, 1999, 111, 5427-5433. | 1.2 | 154 |
| 7 | Spectroscopy and photophysics of 4- and 7-hydroxycoumarins and their thione analogs. Journal of Molecular Structure, 2001, 565-566, 69-78. | 1.8 | 138 |
| 8 | S1â^¼>T1 intersystem crossing in Ï€-conjugated organic polymers. Journal of Chemical Physics, 2001, 115, 9601-9606. | 1.2 | 117 |
| 9 | Fluorescence Enhancement of the Water- Soluble Poly{1,4-phenylene-[9,9-bis-(4-phenoxybutylsulfonate)]fluorene-2,7-diyl} Copolymer inn-Dodecylpentaoxyethylene Glycol Ether Micelles. Macromolecules, 2004, 37, 7425-7427. | 2.2 | 113 |
| 10 | Characterization of the Triplet State of Tris(8-hydroxyquinoline)aluminium(III) in Benzene Solution. Journal of the American Chemical Society, 2003, 125, 15310-15311. | 6.6 | 107 |
| 11 | Triplet state dynamics on isolated conjugated polymer chains. Chemical Physics, 2002, 285, 3-11. | 0.9 | 95 |
| 12 | The use of microspectrofluorimetry for the characterization of lake pigments. Talanta, 2008, 74, 922-929. | 2.9 | 91 |
| 13 | Photophysics of thiophene based polymers in solution: The role of nonradiative decay processes. Journal of Chemical Physics, 2003, 118, 1550-1556. | 1.2 | 90 |
| 14 | Alternating Binaphthylâ^'Thiophene Copolymers: Synthesis, Spectroscopy, and Photophysics and Their Relevance to the Question of Energy Migration versus Conformational Relaxation. Macromolecules, 2009, 42, 1710-1719. | 2.2 | 90 |
| 15 | A Study in Mauve: Unveiling Perkin's Dye in Historic Samples. Chemistry - A European Journal, 2008, 14, 8507-8513. | 1.7 | 85 |
| 16 | Picosecond conformational relaxation of singlet excited polyfluorene in solution. Journal of Chemical Physics, 2003, 118, 7119-7126. | 1.2 | 78 |
| 17 | On the triplet state of poly(N-vinylcarbazole). Chemical Physics Letters, 2004, 400, 441-445. | 1.2 | 78 |
| 18 | Excited-State Dynamics and Self-Organization of Poly(3-hexylthiophene) (P3HT) in Solution and Thin Films. Journal of Physical Chemistry B, 2012, 116, 2347-2355. | 1.2 | 74 |

| # | Article | IF | Citations |
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| 19 | Spectral and Photophysical Studies of Substituted Indigo Derivatives in Their Keto Forms. ChemPhysChem, 2006, 7, 2303-2311. | 1.0 | 73 |
| 20 | Preparation and photophysical characterisation of Znâ€“Al layered double hydroxides intercalated by anionic pyrene derivatives. Journal of Materials Chemistry, 2008, 18, 894. | 6.7 | 70 |
| 21 | A photochemical study on the blue dye indigo: from solution to ancient Andean textiles. Photochemical and Photobiological Sciences, 2008, 7, 1353-1359. | 1.6 | 70 |
| 22 | Excited-State Proton Transfer in Indigo. Journal of Physical Chemistry B, 2017, 121, 2308-2318. | 1.2 | 70 |
| 23 | Interplay of Electrostatic and Hydrophobic Effects with Binding of Cationic Gemini Surfactants and a Conjugated Polyanion:Â Experimental and Molecular Modeling Studies. Journal of Physical Chemistry B, 2007, 111, 4401-4410. | 1.2 | 68 |
| 24 | Comprehensive Investigation of the Photophysical Behavior of Oligopolyfurans. Journal of Physical Chemistry A, 2000, 104, 6907-6911. | 1.1 | 66 |
| 25 | Time-Resolved and Steady-State Fluorescence Studies of Hydrophobically Modified Water-Soluble Polymers. Journal of Physical Chemistry B, 2003, 107, 12605-12621. | 1.2 | 64 |
| 26 | Identification of red colorants in van Gogh paintings and ancient Andean textiles by microspectrofluorimetry. Journal of Cultural Heritage, 2010, 11, 27-34. | 1.5 | 63 |
| 27 | Synthesis and H+, Cu2+, and Zn2+Coordination Behavior of a Bis(fluorophoric) Bibrachial Lariat Aza-Crown. Inorganic Chemistry, 2004, 43, 6114-6122. | 1.9 | 62 |
| 28 | Conformational Relaxation of pâ€Phenylenevinylene Trimers in Solution Studied by Picosecond Timeâ€Resolved Fluorescence. ChemPhysChem, 2007, 8, 2657-2664. | 1.0 | 61 |
| 29 | Photophysics of an Indigo Derivative (Keto and Leuco Structures) with Singular Properties. Journal of Physical Chemistry A, 2006, 110, 13653-13661. | 1.1 | 60 |
| 30 | Dehydroindigo, the Forgotten Indigo and Its Contribution to the Color of Maya Blue. Journal of Physical Chemistry A, 2010, 114, 1699-1708. | 1.1 | 58 |
| 31 | Intramolecular Excimer Formation in a Tripodal Polyamine Receptor Containing Three Naphthalene Fluorophores. Journal of Physical Chemistry B, 2003, 107, 6573-6578. | 1.2 | 57 |
| 32 | Three interconverting excited species: experimental study and solution of the general photokinetic triangle by time-resolved fluorescence. Chemical Physics Letters, 1993, 204, 556-562. | 1.2 | 56 |
| 33 | Identification of 7,4â€²-Dihydroxy-5-methoxyflavylium in â€œDragon's Bloodâ€: To Be or Not To Be an Anthocyanin. Chemistry - A European Journal, 2007, 13, 1417-1422. | 1.7 | 53 |
| 34 | Donorâ€“acceptorâ€“donor thienyl/bithienyl-benzothiadiazole/quinoxaline model oligomers: experimental and theoretical studies. Physical Chemistry Chemical Physics, 2013, 15, 15204. | 1.3 | 53 |
| 35 | Triplet-State and Singlet Oxygen Formation in Fluorene-Based Alternating Copolymers. Journal of Physical Chemistry B, 2006, 110, 8278-8283. | 1.2 | 52 |
| 36 | Multifaceted Regioregular Oligo(thieno[3,4-b]thiophene)s Enabled by Tunable Quinoidization and Reduced Energy Band Gap. Journal of the American Chemical Society, 2015, 137, 10357-10366. | 6.6 | 52 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Spectroscopy and Coordination Chemistry of a New Bisnaphthaleneâ^'Bisphenanthroline Ligand Displaying a Sensing Ability for Metal Cations. Inorganic Chemistry, 2005, 44, 7449-7458. | 1.9 | 51 |
| 38 | Do [all]-S,Sâ€²-Dioxide Oligothiophenes Show Electronic and Optical Properties of Oligoenes and/or of Oligothiophenes?. Journal of the American Chemical Society, 2010, 132, 6231-6242. | 6.6 | 51 |
| 39 | Photophysical and theoretical studies of naphthalene-substituted oligothiophenes. Journal of Chemical Physics, 2001, 115, 5625-5636. | 1.2 | 50 |
| 40 | Dynamics of short as compared with long poly(acrylic acid) chains hydrophobically modified with pyrene, as followed by fluorescence techniques. Physical Chemistry Chemical Physics, 2007, 9, 1370-1385. | 1.3 | 49 |
| 41 | The Triplet State of Indigo. Angewandte Chemie - International Edition, 2007, 46, 2094-2096. | 7.2 | 49 |
| 42 | Triphenylamineâ€“Benzimidazole Derivatives: Synthesis, Excited-State Characterization, and DFT Studies. Journal of Organic Chemistry, 2013, 78, 11389-11395. | 1.7 | 48 |
| 43 | Long Range Electron Transfer Quenching in Polyamine Chains Bearing a Terminal Naphthalene Unit. Journal of Physical Chemistry A, 2002, 106, 8207-8212. | 1.1 | 47 |
| 44 | Interaction between the Water Soluble Poly{1,4-phenylene-[9,9-bis(4-phenoxy) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 Td (butylsulfo Conductivity Measurements. Journal of Physical Chemistry B, 2005, 109, 19108-19115. | 1.2 | 47 |
| 45 | Hole formation and transfer in poly[9,9-di(ethylhexyl)fluorene] and an amine end-capped derivative in solution. Chemical Physics Letters, 2004, 385, 105-110. | 1.2 | 46 |
| 46 | A fluorescent chemosensor for Zn(ii). Exciplex formation in solution and the solid stateElectronic supplementary information (ESI) available: Theoretical basis for the temperature dependence of fluorescence. See http://www.rsc.org/suppdata/dt/b4/b403743j/. Dalton Transactions, 2004, , 2180. | 1.6 | 46 |
| 47 | Photophysical Studies of Î±,Ï‰-Dicyano-oligothiophenes NC(C4H2S)nCN (n= 1â^'6). Journal of Physical Chemistry B, 2006, 110, 6499-6505. | 1.2 | 45 |
| 48 | Flavylium chromophores as species markers for dragon's blood resins from Dracaena and Daemonorops trees. Journal of Chromatography A, 2008, 1209, 153-161. | 1.8 | 45 |
| 49 | Revisiting Perkin's dye(s): the spectroscopy and photophysics of two new mauveine compounds (B2 and) Tj ETQq1 1 0.784314 rgBT | 2.2 | 44 |
| 50 | Platinum(II) Ring-Fused Chlorins as Near-Infrared Emitting Oxygen Sensors and Photodynamic Agents. ACS Medicinal Chemistry Letters, 2017, 8, 310-315. | 1.3 | 42 |
| 51 | Spectral and Photophysical Studies on Cruciform Oligothiophenes in Solution and the Solid State. Journal of Physical Chemistry B, 2006, 110, 15100-15106. | 1.2 | 41 |
| 52 | Aggregation-Induced Emission in Phenothiazineâ€“TPE and â^'TPAN Polymers. Macromolecules, 2018, 51, 8501-8512. | 2.2 | 39 |
| 53 | The photophysical behavior of 3-chloro-7-methoxy-4-methylcoumarin related to the energy separation of the two lowest-lying singlet excited states. Journal of Chemical Physics, 1997, 107, 6062-6069. | 1.2 | 38 |
| 54 | Intramolecular Charge Transfer ofp-(Dimethylamino)benzethyne:Â A Case of Nonfluorescent ICT State. Journal of Physical Chemistry A, 2001, 105, 10025-10030. | 1.1 | 38 |

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| 55 | Energetics and Dynamics of Naphthalene Polyaminic Derivatives. Influence of Structural Design in the Balance Static vs Dynamic Excimer Formation. Journal of Physical Chemistry A, 2003, 107, 11307-11318. | 1.1 | 37 |
| 56 | Synthesis, Structural and Photophysical Evaluations of Urea Based Fluorescent PET Sensors for Anions. Supramolecular Chemistry, 2008, 20, 407-418. | 1.5 | 37 |
| 57 | Switching from intramolecular energy transfer to intramolecular electron transfer by the action of pH and Zn2+ co-ordination. Chemical Physics Letters, 2002, 353, 63-68. | 1.2 | 35 |
| 58 | Preventing the Formation of the Long-Lived ColoredTransoid-TransPhotoisomer in Photochromic Benzopyrans. Organic Letters, 2011, 13, 4040-4043. | 2.4 | 35 |
| 59 | Spectral and Photophysical Characterization of Donor-Ï€-Acceptor Arylthienyl- and Bithienyl-Benzothiazole Derivatives in Solution and Solid State. Journal of Physical Chemistry A, 2007, 111, 8574-8578. | 1.1 | 34 |
| 60 | Synthesis and photophysical properties of dansyl-based polyamine ligands and their Zn(II) complexes. Inorganica Chimica Acta, 2007, 360, 1200-1208. | 1.2 | 33 |
| 61 | Cationic fluorene-thiophene diblock copolymers: Aggregation behaviour in methanol/water and its relation to thin film structures. Polymer, 2010, 51, 1898-1903. | 1.8 | 33 |
| 62 | Steady-State and Time-Resolved Investigations on Pyrene-Based Chemosensors. Inorganic Chemistry, 2013, 52, 121-129. | 1.9 | 33 |
| 63 | Intramolecular excimer formation and sensing behavior of new fluorimetric probes and their interactions with metal cations and barbituric acids. Sensors and Actuators B: Chemical, 2006, 115, 276-286. | 4.0 | 32 |
| 64 | Picosecond Dynamics of Dimer Formation in a Pyrene Labeled Polymer. Journal of Physical Chemistry B, 2010, 114, 12439-12447. | 1.2 | 32 |
| 65 | Perkinâ€™s and Caroâ€™s Mauveine in Queen Victoriaâ€™s Lilac Postage Stamps: A Chemical Analysis. Chemistry - A European Journal, 2014, 20, 1808-1812. | 1.7 | 32 |
| 66 | Photophysical studies of mixed furan, pyrrole, and thiophene-containing oligomers with three and five rings. Journal of Chemical Physics, 2002, 117, 4428-4435. | 1.2 | 31 |
| 67 | On the Low-Lying Excited States ofsym-Triazine-Based Herbicides. ChemPhysChem, 2005, 6, 306-314. | 1.0 | 31 |
| 68 | Luminescence from cerium(iii) acetate complexes in aqueous solution: considerations on the nature of carboxylate binding to trivalent lanthanides. New Journal of Chemistry, 2008, 32, 1531. | 1.4 | 31 |
| 69 | The influence of the relative position of the thiophene and pyrrole rings in donorâ€“acceptor thienylpyrrolyl-benzothiazole derivatives. A photophysical and theoretical investigation. Physical Chemistry Chemical Physics, 2010, 12, 9719. | 1.3 | 31 |
| 70 | Electronic spectral and photophysical properties of some p-phenylenevinylene oligomers in solution and thin films. Chemical Physics, 2006, 330, 449-456. | 0.9 | 30 |
| 71 | A comprehensive investigation of the electronic spectral and photophysical properties of conjugated naphthaleneâ€“thiophene oligomers. Physical Chemistry Chemical Physics, 2009, 11, 8706. | 1.3 | 30 |
| 72 | Energy transfer from fluoreneâ€based conjugated polyelectrolytes to onâ€chain and selfâ€assembled porphyrin units. Journal of Polymer Science Part A, 2012, 50, 1408-1417. | 2.5 | 30 |

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| 73 | Fluorescence Behavior of a Pyrene-End-Capped Poly(ethylene oxide) in Organic Solvents and in Dioxaneâ"Water Mixtures. Journal of Physical Chemistry B, 2009, 113, 618-626. | 1.2 | 29 |
| 74 | Polycarbazoles and polytriphenylamines showing aggregation-induced emission (AIE) and intramolecular charge transfer (ICT) behavior for the optical detection of nitroaromatic compounds. Polymer, 2015, 76, 173-181. | 1.8 | 29 |
| 75 | Brazilwood Reds: The (Photo)Chemistry of Brazilin and Brazilein. Journal of Physical Chemistry A, 2013, 117, 10650-10660. | 1.1 | 28 |
| 76 | Synthesis and Characterization of the Ground and Excited States of Tripodal-like Oligothienyl-imidazoles. Journal of Physical Chemistry B, 2010, 114, 4964-4972. | 1.2 | 27 |
| 77 | Excited-State Isomerization of Leuco Indigo. Journal of Physical Chemistry A, 2012, 116, 2826-2832. | 1.1 | 27 |
| 78 | Exploring the Photocatalytic Properties and the Long-Lifetime Chemosensor Ability of Cl2[Ru(Bpy)2L] | 1.9 | 26 |
| 79 | Interactions between surfactants and {1,4-phenylene-[9,9-bis(4-phenoxy-butylsulfonate)]fluorene-2,7-diyl}. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2005, 270-271, 61-66. | 2.3 | 25 |
| 80 | Dynamics and Energetics of the Self-Assembly of a Hydrophobically Modified Polyelectrolyte:â€‰ Naphthalene-Labeled Poly(Acrylic Acid). Journal of Physical Chemistry B, 2005, 109, 11478-11492. | 1.2 | 25 |
| 81 | A New ZnII Tweezer Pyridine-Naphthalene System - An Off-On-Off System Working in a Biological pH Window. European Journal of Inorganic Chemistry, 2005, 2005, 4301-4308. | 1.0 | 24 |
| 82 | Unusual photophysical properties of conjugated, alternating indigoâ€"fluorene copolymers. Journal of Materials Chemistry A, 2015, 3, 6373-6382. | 5.2 | 24 |
| 83 | Spectroscopic characterization of Î±- and Î³-pyrones and their substituted 4-hydroxy and 4-methoxy derivatives: an integrated infrared, photophysical and theoretical study. Journal of Molecular Structure, 2001, 565-566, 59-67. | 1.8 | 23 |
| 84 | Understanding Optoelectronic Properties of Cyano-Terminated Oligothiophenes in the Context of Intramolecular Charge Transfer. Journal of Physical Chemistry B, 2011, 115, 10573-10585. | 1.2 | 23 |
| 85 | Aggregation-Induced Emission: From Small Molecules to Polymersâ€"Historical Background, Mechanisms and Photophysics. Topics in Current Chemistry, 2021, 379, 15. | 3.0 | 23 |
| 86 | Polyamine Linear Chains Bearing Two Identical Terminal Aromatic Units. Evidence for a Photo Induced Bending Movement. Supramolecular Chemistry, 2001, 13, 435-445. | 1.5 | 22 |
| 87 | Singlet Excitation Energy Harvesting and Triplet Emission in the Selfâ€Assembled System Poly{1,4â€phenyleneâ€[9,9â€bis (4â€phenoxyâ€butylsulfonate)]fluoreneâ€2,7â€diyl} copolymer/tris(bipyridyl)ruthenium(II)in Aqueous Solution. Advanced Materials, 2009, 21, 1155-1159. | 11.1 | 22 |
| 88 | Controlling the Fluorescence Behavior of 1-Pyrenesulfonate by Cointercalation with a Surfactant in a Layered Double Hydroxide. Langmuir, 2015, 31, 4769-4778. | 1.6 | 22 |
| 89 | Room-Temperature Phosphorescence and Efficient Singlet Oxygen Production by Cyclometalated Pt(II) Complexes with Aromatic Alkynyl Ligands. Inorganic Chemistry, 2020, 59, 8220-8230. | 1.9 | 22 |
| 90 | Evaluation of a broad variety of coumarins, chromones, their furohomologues and thione analogues as phototoxins activated by UVA and visible light. Pest Management Science, 1995, 44, 155-162. | 0.7 | 21 |

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| 91 | Electron Transfer in Supercritical Carbon Dioxide: Ultraexothermic Charge Recombination at the End of the â€œInverted Regionâ€• Chemistry - A European Journal, 2006, 12, 5014-5023. | 1.7 | 21 |
| 92 | Î²-Phase Formation of Poly(9,9-dioctylfluorene) Induced by Liposome Phospholipid Bilayers. Journal of Physical Chemistry B, 2011, 115, 5794-5800. | 1.2 | 21 |
| 93 | Thio-Mayan-like Compounds: Excited State Characterization of Indigo Sulfur Derivatives in Solution and Incorporated in Palygorskite and Sepiolite Clays. Journal of Physical Chemistry C, 2013, 117, 603-614. | 1.5 | 21 |
| 94 | From yellow to pink using a fluorimetric and colorimetric pyrene derivative and mercury (II) ions. Dyes and Pigments, 2014, 110, 152-158. | 2.0 | 21 |
| 95 | Partition of Pesticides of the Coumarin Family between Water and Amphiphilic Aggregates. Environmental Science & Technology, 1995, 29, 562-570. | 4.6 | 20 |
| 96 | Maya Blue, an Ancient Guestâ€“Host Pigment: Synthesis and Models. Journal of Chemical Education, 2013, 90, 1493-1497. | 1.1 | 20 |
| 97 | Insights into the Photophysics and Supramolecular Organization of Congo Red in Solution and the Solid State. ChemPhysChem, 2017, 18, 564-575. | 1.0 | 20 |
| 98 | Advances on photodynamic therapy of melanoma through novel ring-fused 5,15-diphenylchlorins. European Journal of Medicinal Chemistry, 2018, 146, 395-408. | 2.6 | 20 |
| 99 | Excited state characterization of a polymeric indigo. Physical Chemistry Chemical Physics, 2012, 14, 1778-1783. | 1.3 | 19 |
| 100 | Reconstructing the historical synthesis of mauveine from Perkin and Caro: procedure and details. Scientific Reports, 2017, 7, 6806. | 1.6 | 19 |
| 101 | Picosecond Structural Relaxation of Abietic Acid Based Amine End Capped Paraâ€Phenylenevinylene Trimers in Solution. ChemPhysChem, 2008, 9, 2214-2220. | 1.0 | 18 |
| 102 | Interactions and Supramolecular Organization of Sulfonated Indigo and Thioindigo Dyes in Layered Hydroxide Hosts. Langmuir, 2018, 34, 453-464. | 1.6 | 18 |
| 103 | Complex Formation between a Fluorescently-Labeled Polyelectrolyte and a Triblock Copolymer. Journal of Physical Chemistry B, 2009, 113, 6205-6214. | 1.2 | 17 |
| 104 | Photophysical and Spectroscopic Investigations on (Oligo)Thiophene-Arylene Step-ladder Copolymers. The Interplay of Conformational Relaxation and On-Chain Energy Transfer. Journal of Physical Chemistry B, 2009, 113, 15928-15936. | 1.2 | 17 |
| 105 | Deactivation Routes in Gold(I) Polypyridyl Complexes: Internal Conversion Vs Fast Intersystem Crossing. Inorganic Chemistry, 2018, 57, 13423-13430. | 1.9 | 17 |
| 106 | A comprehensive spectral, photophysical and electrochemical study of synthetic water-soluble acridones. A new class of pH and polarity sensitive fluorescent probes. Dyes and Pigments, 2019, 166, 203-210. | 2.0 | 17 |
| 107 | Structure-relation properties of N-substituted phenothiazines in solution and solid state: Photophysical, photostability and aggregation-induced emission studies. Journal of Molecular Liquids, 2020, 317, 113966. | 2.3 | 17 |
| 108 | Deep in blue with green chemistry: influence of solvent and chain length on the behaviour of N- and N,Nâ€²- alkyl indigo derivatives. Chemical Science, 2021, 12, 303-313. | 3.7 | 17 |

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| 109 | Effects of the Interaction Between Î²-Carboline-3-carboxylic acid N-Methylamide and Polynucleotides on Singlet Oxygen Quantum Yield and DNA Oxidative Damage. Photochemistry and Photobiology, 2007, 83, 1455-1464. | 1.3 | 16 |
| 110 | Highly ordered luminescent calix[4]azacrown films showing an emission response selective to volatile tetrahydrofuran. Journal of Materials Chemistry C, 2014, 2, 9012-9020. | 2.7 | 16 |
| 111 | An Indigo Carmineâ€Based Hybrid Nanocomposite with Supramolecular Control of Dye Aggregation and Photobehavior. Chemistry - A European Journal, 2015, 21, 12069-12078. | 1.7 | 16 |
| 112 | Thioindigo, and sulfonated thioindigo derivatives as solvent polarity dependent fluorescent on-off systems. Dyes and Pigments, 2018, 158, 259-266. | 2.0 | 16 |
| 113 | Characterisation of the triplet state of a fluoreneâ€“terthiophene alternating copolymer. Chemical Physics Letters, 2005, 402, 197-201. | 1.2 | 15 |
| 114 | Characterization of the Excited States of Indigo Derivatives in their Reduced Forms. ChemPhysChem, 2010, 11, 1903-1908. | 1.0 | 15 |
| 115 | Characterization of the Singlet and Triplet Excited States of 3-Chloro-4-methylumbelliferone. Journal of Physical Chemistry A, 2011, 115, 8392-8398. | 1.1 | 15 |
| 116 | Synthesis of a Photochromic Fused 2Hâ€Chromene Capable of Generating a Single Coloured Species. European Journal of Organic Chemistry, 2012, 2012, 1768-1773. | 1.2 | 15 |
| 117 | Experimental Techniques for Excited State Characterisation. , 2013, , 533-585. | | 15 |
| 118 | Self-Assembly of Poly{1,4-phenylene-[9,9-bis(4-phenoxy-butylsulfonate)]fluorene-2,7-diyl} with Oppositely Charged Phenylenevinylene Oligoelectrolytes. Journal of Physical Chemistry B, 2014, 118, 613-623. | 1.2 | 15 |
| 119 | Self-Assembly of a Hydrophobically Modified Naphthalene-Labeled Poly(acrylic acid) Polyelectrolyte in Water:Organic Solvent Mixtures Followed by Steady-State and Time-Resolved Fluorescence. Journal of Physical Chemistry B, 2005, 109, 3243-3251. | 1.2 | 14 |
| 120 | Temperature Dependence of Ultra-Exothermic Charge Recombinations. ChemPhysChem, 2006, 7, 2533-2539. | 1.0 | 14 |
| 121 | Excited State Properties of Oligophenyl and Oligothienyl Swivel Cruciforms. Journal of Physical Chemistry B, 2008, 112, 1104-1111. | 1.2 | 14 |
| 122 | Synthesis, Spectroscopy, Nonlinear Optics, and Theoretical Investigations of Thienylethynyl Octopoles with a Tunable Core. Chemistry - A European Journal, 2009, 15, 8223-8234. | 1.7 | 14 |
| 123 | Spectroscopic Properties, Excitation, and Electron Transfer in an Anionic Water-Soluble Poly(fluorene-alt-phenylene)-perylenediimide Copolymer. Journal of Physical Chemistry B, 2012, 116, 7548-7559. | 1.2 | 14 |
| 124 | Unveiling the Eigen-Weller Ion Pair from the Excited State Proton Transfer Kinetics of 3-Chloro-4-methyl-7-hydroxycoumarin. Journal of Physical Chemistry B, 2015, 119, 2604-2610. | 1.2 | 14 |
| 125 | Photoresponsive N,Nâ€²-disubstituted indigo derivatives. Dyes and Pigments, 2020, 176, 108197. | 2.0 | 14 |
| 126 | The effect of substitution and isomeric imperfection on the photophysical behaviour of p-phenylenevinylene trimers. Chemical Physics Letters, 2004, 388, 236-241. | 1.2 | 13 |

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| 127 | The effect of Î³â€cyclodextrin addition in the selfâ€assembly behavior of pyrene labeled poly(acrylic) acid with different chain sizes. Journal of Polymer Science Part A, 2008, 46, 1402-1415. | 2.5 | 13 |
| 128 | Association of a Hydrophobically Modified Polyelectrolyte and a Block Copolymer Followed by Fluorescence Techniques. Journal of Physical Chemistry B, 2009, 113, 6194-6204. | 1.2 | 13 |
| 129 | Photochromic and photophysical properties of new benzo- and naphtho[1,3]oxazine switches. Photochemical and Photobiological Sciences, 2011, 10, 1346-1354. | 1.6 | 13 |
| 130 | Understanding the Interaction between Trivalent Lanthanide Ions and Stereoregular Polymethacrylates through Luminescence, Binding Isotherms, NMR, and Interaction with Cetylpyridinium Chloride. Langmuir, 2013, 29, 14429-14437. | 1.6 | 13 |
| 131 | A novel biopolymeric photoinitiator based on chitosan and thioxanthone derivative: Synthesis, characterization and efficiency in photopolymerization. Journal of Photochemistry and Photobiology A: Chemistry, 2016, 327, 15-20. | 2.0 | 13 |
| 132 | Designing highly fluorescent, arylated poly(phenylene vinylene)s of intrinsic microporosity. Journal of Materials Chemistry C, 2020, 8, 2248-2257. | 2.7 | 13 |
| 133 | Restricted Aggregate Formation on Tetraphenylethene-Substituted Polythiophenes. Journal of Physical Chemistry C, 2020, 124, 13956-13965. | 1.5 | 13 |
| 134 | Fluorescence studies on the interaction between pyrene-labelled poly(acrylic acid) and cyclodextrins. Polymer International, 2007, 56, 882-899. | 1.6 | 12 |
| 135 | A comprehensive study of the spectral and photophysical properties of arylthiophenes. Journal of Photochemistry and Photobiology A: Chemistry, 2008, 194, 67-75. | 2.0 | 12 |
| 136 | Synthesis, spectroscopy, photophysics and thermal behaviour of stilbene-based triarylamines with dehydroabietic acid methyl ester moieties. New Journal of Chemistry, 2009, 33, 877. | 1.4 | 12 |
| 137 | Modulating the Self-Assembly of Calix[4]azacrowns to Design Materials with Improved Emission and Stimuli-Responsive Behavior. Journal of Physical Chemistry C, 2014, 118, 13118-13125. | 1.5 | 12 |
| 138 | A novel, non-invasive, multi-purpose and comprehensive method to date inks in real handwritten documents based on the monitoring of the dye ageing processes. Chemometrics and Intelligent Laboratory Systems, 2020, 207, 104187. | 1.8 | 12 |
| 139 | Singlet and triplet energy transfer in a bichromophoric system with anthracene covalently linked through sulfonamide to a meso-tetraphenylporphyrin. Journal of Photochemistry and Photobiology A: Chemistry, 2005, 172, 151-160. | 2.0 | 11 |
| 140 | Spectral and Photophysical Studies of Poly[2,6-(1,5-dioctylnaphthalene)]thiophenes. Journal of Physical Chemistry C, 2007, 111, 7185-7191. | 1.5 | 11 |
| 141 | Thiopheneâ€“phenylene/naphthaleneâ€based stepâ€ladder copolymers. Journal of Polymer Science Part A, 2008, 46, 7342-7353. | 2.5 | 11 |
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