

Jean-Luc Pozzo

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76
papers

2,855
citations

31
h-index

52
g-index

83
ext. papers

3,026
ext. citations

4.4
avg, IF

4.58
L-index

| # | Paper | IF | Citations |
|----|--|------|-----------|
| 76 | Design and characterization of molecular nonlinear optical switches. <i>Accounts of Chemical Research</i> , 2013 , 46, 2656-65 | 24.3 | 253 |
| 75 | Nonlinear optical molecular switches as selective cation sensors. <i>Journal of the American Chemical Society</i> , 2012 , 134, 8101-3 | 16.4 | 213 |
| 74 | Multiaddressable Self-Assembling Organogelators Based on 2H-Chromene and N-Acyl-1,β-amino Acid Units <i>Langmuir</i> , 2002 , 18, 7096-7101 | 4 | 133 |
| 73 | Two-way molecular switches with large nonlinear optical contrast. <i>Chemistry - A European Journal</i> , 2009 , 15, 2560-71 | 4.8 | 121 |
| 72 | Acido- and phototriggered NLO properties enhancement. <i>Journal of Physical Chemistry B</i> , 2005 , 109, 11139-50 | 3.4 | 114 |
| 71 | In silico optimization of merocyanine-spiropyran compounds as second-order nonlinear optical molecular switches. <i>Physical Chemistry Chemical Physics</i> , 2008 , 10, 6223-32 | 3.6 | 113 |
| 70 | Thixotropic organogels based on a simple N-hydroxyalkyl amide: rheological and aging properties. <i>Langmuir</i> , 2004 , 20, 3032-41 | 4 | 109 |
| 69 | Structural Aspects of the Gelation Process Observed with Low Molecular Mass Organogelators. <i>Langmuir</i> , 2003 , 19, 2013-2020 | 4 | 93 |
| 68 | Rational design of new acid-sensitive organogelators. <i>Journal of Materials Chemistry</i> , 1998 , 8, 2575-2577 | | 90 |
| 67 | Acido-triggered nonlinear optical switches: benzazolo-oxazolidines. <i>Journal of Physical Chemistry B</i> , 2007 , 111, 9795-802 | 3.4 | 83 |
| 66 | One-pot synthesis of phenyl- and amine-functionalized silica fibers through the use of anthracenic and phenazinic organogelators. <i>Journal of Materials Chemistry</i> , 2003 , 13, 2505-2514 | | 81 |
| 65 | Investigation on the Second-Order Nonlinear Optical Responses in the Keto-Enol Equilibrium of Anil Derivatives. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 5638-5645 | 3.8 | 74 |
| 64 | Rational Design of Low Molecular Mass Organogelators: Toward a Library of Functional N-Acyl-1,β-Amino Acid Derivatives. <i>Angewandte Chemie - International Edition</i> , 2001 , 40, 3164-3166 | 16.4 | 74 |
| 63 | Synthesis and Photochromic Behaviour of Naphthopyrans, Pyranoquinolines, Pyranoquinazolines and Pyranoquinoxalines. <i>Helvetica Chimica Acta</i> , 1997 , 80, 725-738 | 2 | 65 |
| 62 | A simple molecule-based octastate switch. <i>Journal of the American Chemical Society</i> , 2014 , 136, 13510-3 | 16.4 | 64 |
| 61 | Organogelators for making porous sol-gel derived silica at two different length scales. <i>Journal of Materials Chemistry</i> , 2000 , 10, 1725-1730 | | 55 |
| 60 | Theoretical investigation of the dynamic first hyperpolarizability of DHA/HF molecular switches. <i>New Journal of Chemistry</i> , 2009 , 33, 1349 | 3.6 | 54 |

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| 59 | Chiral Gelators Constructed from 11-Aminoundecanoic (AUDA), Lauric and Amino Acid Units. Synthesis, Gelling Properties and Preferred Gelation of Racemates vs. the Pure Enantiomers. <i>European Journal of Organic Chemistry</i> , 2004 , 2004, 4048-4059 | 3.2 | 54 |
| 58 | Acidoswitchable NLO-phores: benzimidazolo[2,3-b]oxazolidines. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 10672-82 | 3.4 | 52 |
| 57 | Different synthetic routes towards efficient organogelators: 2,3-substituted anthracenes. <i>Tetrahedron</i> , 1997 , 53, 6377-6390 | 2.4 | 51 |
| 56 | Spectroscopic properties and gelling ability of a set of rod-like 2,3-disubstituted anthracenes. <i>New Journal of Chemistry</i> , 2004 , 28, 234 | 3.6 | 50 |
| 55 | Flow-Induced Alignment of Fiberlike Supramolecular Self-Assemblies during Organogel Formation with Various Low Molecular Mass Organogelator Solvent Systems. <i>Langmuir</i> , 2002 , 18, 7151-7153 | 4 | 47 |
| 54 | 11-Aminoundecanoic acid: a versatile unit for the generation of low molecular weight gelators for water and organic solvents. <i>Chemical Communications</i> , 2004 , 190-1 | 5.8 | 43 |
| 53 | Euro-fused 2H-chromenes: synthesis and photochromic properties. <i>Canadian Journal of Chemistry</i> , 1996 , 74, 1649-1659 | 0.9 | 43 |
| 52 | Photochromic performance of a dithienylethene-indolinoxazolidine hybrid. <i>Photochemical and Photobiological Sciences</i> , 2010 , 9, 131-5 | 4.2 | 41 |
| 51 | Solvatochromic and photochromic characteristics of new 1,3-dihydrospiro[2H-indole-2,2'-[2H]-bipyrido[3,2-f][2,3-h][1,4]benzoxazines]. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1993 , 1327-1332 | 39 | |
| 50 | Design of organically functionalised hybrid silica fibres through the use of anthracenic organogelators. <i>Journal of Materials Chemistry</i> , 2003 , 13, 442-444 | | 37 |
| 49 | Photoswitch based on remarkably simple naphthopyrans. <i>Tetrahedron Letters</i> , 2005 , 46, 3257-3259 | 2 | 37 |
| 48 | Effect of heteroaromatic annulation with five-membered rings on the photochromism of 2H-[1]-benzopyrans. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1998 , 114, 185-191 | 4.7 | 35 |
| 47 | Templated Growth of Alumina-Based Fibers through the Use of Anthracenic Organogelators. <i>Chemistry of Materials</i> , 2002 , 14, 5124-5133 | 9.6 | 35 |
| 46 | A convenient synthesis of azolo-fused 2H-[1] benzopyrans. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1994 , 2591 | | 31 |
| 45 | 2,3-Di-n-alkoxyanthraquinones as gelators of organic solvents. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1998 , 2527-2534 | | 29 |
| 44 | Indolinoxazolidine: a versatile switchable unit. <i>Journal of Physical Chemistry B</i> , 2015 , 119, 307-15 | 3.4 | 28 |
| 43 | Remarkably simple small organogelators: di-n-alkoxy-benzene derivatives. <i>Tetrahedron Letters</i> , 1999 , 40, 9021-9024 | 2 | 27 |
| 42 | The unusual molecular organization of 2,3-bis(n-hexyloxy)anthracene in the crystal. A hint to the origin of the gelling properties of 2,3-bis(n-alkyloxy)anthracenes?. <i>Perkin Transactions II RSC</i> , 2001 , 824-826 | | 26 |

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| 41 | Synthesis of symmetrical and nonsymmetrical bisthienylcyclopentenes. <i>Chemistry - A European Journal</i> , 2013 , 19, 11124-32 | 4.8 | 25 |
| 40 | Second-Order Nonlinear Optical Properties of a Dithienylethene-Indolinoxazolidine Hybrid: A Joint Experimental and Theoretical Investigation. <i>Chemistry - A European Journal</i> , 2015 , 21, 18749-57 | 4.8 | 25 |
| 39 | A triblock fluorous surfactant as a specific gelator for perfluorocarbons. <i>Chemical Communications</i> , 2009 , 5133-4 | 5.8 | 22 |
| 38 | Huge electro-/photo-/acidoinduced second-order nonlinear contrasts from multiaddressable indolinoxazolidine. <i>Journal of Physical Chemistry B</i> , 2015 , 119, 6758-65 | 3.4 | 20 |
| 37 | Structural variations in a family of orthodialkoxyarenes organogelators. <i>Journal of Colloid and Interface Science</i> , 2006 , 302, 633-42 | 9.3 | 20 |
| 36 | Photochromic Guests in Organogels. <i>Molecular Crystals and Liquid Crystals</i> , 2000 , 344, 101-106 | | 19 |
| 35 | Photochromism of dihydroindolizines Part IX. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2008 , 200, 57-67 | 4.7 | 18 |
| 34 | Multi-addressable supramolecular gels based on linear amino acid and bisthienylcyclopentene. <i>Journal of Physical Organic Chemistry</i> , 2007 , 20, 888-893 | 2.1 | 17 |
| 33 | New Photochromic 2,2-Diphenyl-[2H]-Chromenes Annellated With Nitrogenated Sex-Membered Ring. <i>Molecular Crystals and Liquid Crystals</i> , 1994 , 246, 75-78 | | 16 |
| 32 | Rationales Design von niedermolekularen Organogelatoren: auf dem Weg zu einer Bibliothek von funktionellen N-Acyl-1,βAminosäure-Derivaten. <i>Angewandte Chemie</i> , 2001 , 113, 3266-3267 | 3.6 | 14 |
| 31 | Harnessing Reversible Electronic Energy Transfer: From Molecular Dyads to Molecular Machines. <i>ChemPhysChem</i> , 2016 , 17, 1794-804 | 3.2 | 12 |
| 30 | Theoretical design of molecular photo- and acido-triggered non-linear optical switches. <i>Chemical Physics Letters</i> , 2006 , 427, 153-158 | 2.5 | 12 |
| 29 | Benzyl and tert-butyl carbamate derivatives of 1,βamino acids as simple yet efficient gelators. <i>Tetrahedron</i> , 2007 , 63, 7482-7488 | 2.4 | 11 |
| 28 | Photochromic rotaxanes and pseudorotaxanes. <i>Photochemical and Photobiological Sciences</i> , 2019 , 18, 2102-2111 | 4.2 | 10 |
| 27 | New Organogelators based on Linear Azapolycyclic Arenes. <i>Polycyclic Aromatic Compounds</i> , 2001 , 19, 107-117 | 1.3 | 10 |
| 26 | Photodimerization of soluble tetracene derivatives using visible light. <i>Journal of Physical Organic Chemistry</i> , 2007 , 20, 838-844 | 2.1 | 9 |
| 25 | Grafting of Gold Nanoparticles onto Organogelator-Templated Fibrous Mercaptosilica. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2005 , 631, 2215-2220 | 1.3 | 9 |
| 24 | Synthesis of photochromic 6-aryl-substituted bis(benzothiophenyl)- perfluorocyclopentenes by the SuzukiMiyaura cross-coupling. <i>Mendeleev Communications</i> , 2013 , 23, 78-80 | 1.9 | 8 |

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| 23 | Toward multi-addressable molecular systems: Efficient synthesis and photochromic performance of unsymmetrical bisthielenethenes. <i>Dyes and Pigments</i> , 2011 , 89, 246-253 | 4.6 | 8 |
| 22 | Photoresponsive Gels 2006 , 817-855 | | 7 |
| 21 | Ion Translocation in Artificial Molecule-based Systems Induced by Light, Electrons, or Chemicals. <i>Australian Journal of Chemistry</i> , 2011 , 64, 1301 | 1.2 | 6 |
| 20 | Dithienylethene-Based Gated Ambichromic Dyads. <i>Advanced Optical Materials</i> , 2016 , 4, 1358-1362 | 8.1 | 6 |
| 19 | Spiro[2H]-1-Benzopyran-2,9?-Fluorenes: Hyperchromic and Bathochromic Shifts of the Visible Absorption of Chromenes. <i>Molecular Crystals and Liquid Crystals</i> , 1997 , 297, 255-262 | | 5 |
| 18 | Experimental and theoretical determination of the first-order hyperpolarizability of photo- and acidochromic indolino[2,1-b]oxazolidines. <i>Synthetic Metals</i> , 2005 , 155, 393-397 | 3.6 | 5 |
| 17 | Specific Structural Features and Photochemical Properties of Three Benzo-Annulated 2,2-Diphenyl[2H]chromenes. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1996 , 52, 1834-1838 | | 5 |
| 16 | 13 metastable states arising from a simple multifunctional unimolecular system. <i>Dyes and Pigments</i> , 2017 , 137, 490-498 | 4.6 | 4 |
| 15 | Shear-induced fractures and three-dimensional motions in an organogel. <i>Physical Review E</i> , 2008 , 77, 011401 | 2.4 | 4 |
| 14 | 5-Ureido-3,3-diphenyl-3H-naphtho[2,1-b]pyrans: Photoswitchable self-assembling architectures. <i>International Journal of Photoenergy</i> , 2004 , 6, 169-173 | 2.1 | 4 |
| 13 | Photochromic cooligomers from pyridazinespirodihydroindolizine and styrene. <i>Journal of Materials Chemistry</i> , 1999 , 9, 2245-2250 | | 4 |
| 12 | 5-Nitrogenated-naphthopyrans: toward photoinduced hydrogen-bonded complexes. <i>Journal of Physical Organic Chemistry</i> , 2007 , 20, 872-877 | 2.1 | 3 |
| 11 | Photogeneration of an ADADA H-bonding cleft based on a naphthopyran-decorated triazine. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2008 , 200, 68-73 | 4.7 | 3 |
| 10 | Dyads and Triads Based on Dithienylethene and Indolino[2,1-b]Oxazolidine. <i>Molecular Crystals and Liquid Crystals</i> , 2005 , 430, 37-43 | 0.5 | 3 |
| 9 | A Photochromic Pyrido-Annulated 2,2-Diphenylchromene. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1995 , 51, 141-143 | | 3 |
| 8 | Damming an electronic energy reservoir: ion-regulated electronic energy shuttling in a [2]rotaxane. <i>Chemical Science</i> , 2021 , 12, 9196-9200 | 9.4 | 3 |
| 7 | Photochromic Properties of Spiro[fluorene-chromenes]. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1998 , 54, 1720-1722 | | 2 |
| 6 | NEW ACIDO- AND PHOTOSWITCHABLE CHROMOPHORES FOR SECOND-ORDER NONLINEAR OPTICS. <i>Journal of Nonlinear Optical Physics and Materials</i> , 2004 , 13, 423-426 | 0.8 | 2 |

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| 5 | Photoresponsive Nanoassemblies of a Dithienylethene Organogelator. <i>Molecular Crystals and Liquid Crystals</i> , 2005 , 430, 99-106 | 0.5 | 2 |
| 4 | Photoreversible stretching of a BAPTA chelator marshalling Ca-binding in aqueous media. <i>Beilstein Journal of Organic Chemistry</i> , 2019 , 15, 2801-2811 | 2.5 | 2 |
| 3 | Synthetic water soluble di-/tritopic molecular receptors exhibiting Ca/Mg exchange. <i>Organic and Biomolecular Chemistry</i> , 2017 , 15, 4367-4374 | 3.9 | 1 |
| 2 | Photochromic Pyrido-Annealed 2,2-Dimethylchromene. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1996 , 52, 1537-1539 | | 1 |
| 1 | Recent Progress on the Mild Deprotection of Dithioketals, Dithioacetals, and Oxathiolanes. <i>European Journal of Organic Chemistry</i> , 2022 , 2022, | 3.2 | 0 |