

Dario Pasini

List of Publications by Year in Descending Order

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Version: 2024-04-18

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

117
papers

2,822
citations

35
h-index

45
g-index

136
ext. papers

3,166
ext. citations

5.6
avg, IF

5.45
L-index

#	Paper	IF	Citations
117	A Sustainable Synthetic Approach to the Indaceno[1,2-b:5,6-b']dithiophene (IDT) Core through Cascade Cyclization/Deprotection Reactions. <i>Chemistry</i> , 2022 , 4, 206-215	2.1	1
116	PushPull AIEgens 2022 , 575-608		0
115	Large polarization of pushpull cruciforms via coordination with lanthanide ions. <i>New Journal of Chemistry</i> , 2021 , 46, 221-227	3.6	2
114	On the Savant's Concerted/Stepwise Model. The Electroreduction of Halogenated Naphthalene Derivatives as a Case Study. <i>ChemElectroChem</i> , 2021 , 8, 4337	4.3	0
113	Autonomous Self-Healing Strategy for Stable Sodium-Ion Battery: A Case Study of Black Phosphorus Anodes. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 13170-13182	9.5	8
112	Large-Area Semi-Transparent Luminescent Solar Concentrators Based on Large Stokes Shift Aggregation-Induced Fluorinated Emitters Obtained Through a Sustainable Synthetic Approach. <i>Advanced Optical Materials</i> , 2021 , 9, 2100182	8.1	14
111	Regioselective Pummerer rearrangement in [2.2]paracyclophanes. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2021 , 196, 189-194	1	
110	Biocompatible graft copolymers from bacterial poly(γ -glutamic acid) and poly(lactic acid). <i>Polymer Chemistry</i> , 2021 , 12, 3784-3793	4.9	6
109	Helical Nanofibers Formed by Palladium-Mediated Assembly of Organic Homochiral Macrocycles Containing Binaphthyl and Pyridyl Units. <i>ChemPlusChem</i> , 2021 , 86, 270-274	2.8	4
108	Clickable 2,2-bis(hydroxymethyl)propionic acid-derived AB ₂ monomers: Hyperbranched polyesters through the CuAAC cycloaddition (click) reaction. <i>Journal of Polymer Science</i> , 2021 , 59, 2014-2022	2.4	2
107	Triptycene derivatives as chiral probes for studying the molecular enantio-recognition on sub-2- μ m particle cellulose tris(3,5-dimethylphenylcarbamate) chiral stationary phase. <i>Chirality</i> , 2021 , 33, 883-890 ^{2.1}		
106	Recent Advances in Non-Fullerene Acceptors of the IDIC/ITIC Families for Bulk-Heterojunction Organic Solar Cells. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	15
105	Chiral Triptycenes in Supramolecular and Materials Chemistry. <i>ChemistryOpen</i> , 2020 , 9, 719-727	2.3	8
104	Synthesis and Evaluation of Scalable D-A-D π -Extended Oligomers as p-Type Organic Materials for Bulk-Heterojunction Solar Cells. <i>Polymers</i> , 2020 , 12,	4.5	11
103	Aggregation-Induced Circularly Polarized Luminescence: Chiral Organic Materials for Emerging Optical Technologies. <i>Advanced Materials</i> , 2020 , 32, e1908021	24	58
102	One-Pot Regiodirected Annulations for the Rapid Synthesis of π -Extended Oligomers. <i>Organic Letters</i> , 2020 , 22, 3263-3267	6.2	15
101	Free radical cyclopolymerization: A tool towards sequence control in functional polymers. <i>European Polymer Journal</i> , 2020 , 122, 109378	5.2	8

100	Aggregation-induced Emission: Aggregation-Induced Circularly Polarized Luminescence: Chiral Organic Materials for Emerging Optical Technologies (Adv. Mater. 41/2020). <i>Advanced Materials</i> , 2020 , 32, 2070309	24	3
99	Clickable bacterial poly(β -glutamic acid). <i>Polymer Chemistry</i> , 2020 , 11, 5582-5589	4.9	13
98	Crystallization-induced room-temperature phosphorescence in fumaramides. <i>CrystEngComm</i> , 2020 , 22, 7782-7785	3.3	11
97	Weiss-Cook Condensations for the Synthesis of Bridged Bithiophene Monomers and Polymers. <i>ChemistrySelect</i> , 2019 , 4, 12569-12572	1.8	4
96	Visible light 3D printing with epoxidized vegetable oils. <i>Additive Manufacturing</i> , 2019 , 25, 317-324	6.1	26
95	Scalable Synthesis of Naphthothiophene and Benzodithiophene Scaffolds as π -Conjugated Synthons for Organic Materials. <i>Synthesis</i> , 2019 , 51, 677-682	2.9	8
94	Cyclopolymerizations: Synthetic Tools for the Precision Synthesis of Macromolecular Architectures. <i>Chemical Reviews</i> , 2018 , 118, 8983-9057	68.1	65
93	The efficient cyclopolymerization of silyl-tethered styrenic difunctional monomers. <i>Journal of Polymer Science Part A</i> , 2018 , 56, 1593-1599	2.5	4
92	Scalable Synthesis of Naphthothiophene-based D- π -Extended Oligomers through Cascade Direct Arylation Processes. <i>Synlett</i> , 2018 , 29, 2577-2581	2.2	10
91	Donor-acceptor conjugated copolymers incorporating tetrafluorobenzene as the π -electron deficient unit. <i>Journal of Polymer Science Part A</i> , 2017 , 55, 1601-1610	2.5	14
90	Domino Direct Arylation and Cross-Aldol for Rapid Construction of Extended Polycyclic π -Scaffolds. <i>Journal of the American Chemical Society</i> , 2017 , 139, 8788-8791	16.4	44
89	Structure-activity relationship for the solid state emission of a new family of "push-pull" π -extended chromophores. <i>Faraday Discussions</i> , 2017 , 196, 143-161	3.6	19
88	Chiral Nanotubes. <i>Nanomaterials</i> , 2017 , 7,	5.4	18
87	Synthesis of Macrocycles and Click Chemistry 2016 , 287-307		
86	Recent Advances in Sensing Using Atropisomeric Molecular Receptors. <i>Chirality</i> , 2016 , 28, 116-23	2.1	32
85	Long-living optical gain induced by solvent viscosity in a push-pull molecule. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 18289-96	3.6	7
84	Polymorphism-dependent aggregation induced emission of a push-pull dye and its multi-stimuli responsive behavior. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 2979-2989	7.1	61
83	Direct Arylation Strategies in the Synthesis of π -Extended Monomers for Organic Polymeric Solar Cells. <i>Molecules</i> , 2016 , 22,	4.8	20

82	Microstructured chitosan/poly(L-glutamic acid) polyelectrolyte complex hydrogels by computer-aided wet-spinning for biomedical three-dimensional scaffolds. <i>Journal of Bioactive and Compatible Polymers</i> , 2016 , 31, 531-549	2	43
81	Conjugated Thiophene-Fused Isatin Dyes through Intramolecular Direct Arylation. <i>Journal of Organic Chemistry</i> , 2016 , 81, 11035-11042	4.2	43
80	A chiroptical molecular sensor for ferrocene. <i>Chemical Communications</i> , 2016 , 52, 11492-5	5.8	43
79	Surface-Enhanced Polymerization via Schiff-Base Coupling at the Solid-Water Interface under pH Control. <i>Journal of Physical Chemistry C</i> , 2015 , 119, 19228-19235	3.8	32
78	Synthesis of Binaphthyl-Based Push-Pull Chromophores with Supramolecularly Polarizable Acceptor Ends. <i>Journal of Chemistry</i> , 2015 , 2015, 1-7	2.3	4
77	Solvent Molding of Organic Morphologies Made of Supramolecular Chiral Polymers. <i>Journal of the American Chemical Society</i> , 2015 , 137, 8150-60	16.4	44
76	Synthesis, chiroptical and SHG properties of polarizable push-pull dyes built on π -extended binaphthyls. <i>RSC Advances</i> , 2015 , 5, 21495-21503	3.7	12
75	Chiral nanostructuring of multivalent macrocycles in solution and on surfaces. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 3593-601	3.9	41
74	'Clickable' hydrogels for all: facile fabrication and functionalization. <i>Biomaterials Science</i> , 2014 , 2, 67-75	7.4	49
73	Stereospecific generation of homochiral helices in coordination polymers built from enantiopure binaphthyl-based ligands. <i>CrystEngComm</i> , 2014 , 16, 8582-8590	3.3	14
72	Crystal structure analyses facilitate understanding of synthesis protocols in the preparation of 6,6'-dibromo-substituted BINOL compounds. <i>CrystEngComm</i> , 2014 , 16, 10131-10138	3.3	6
71	Nanostructuring with chirality: binaphthyl-based synthons for the production of functional oriented nanomaterials. <i>Nanoscale</i> , 2014 , 6, 7165-74	7.7	43
70	Homochiral BINOL-based macrocycles with π -electron-rich, electron-withdrawing or extended spacing units as receptors for C60. <i>Beilstein Journal of Organic Chemistry</i> , 2014 , 10, 1308-16	2.5	5
69	Switching of emissive and NLO properties in push-pull chromophores with crescent PPV-like structures. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 1666-74	3.6	38
68	From red to blue shift: switching the binding affinity from the acceptor to the donor end by increasing the π -bridge in push-pull chromophores with coordinative ends. <i>New Journal of Chemistry</i> , 2013 , 37, 2792	3.6	29
67	Knockout of <i>pgdS</i> and <i>ggt</i> genes improves β -PGA yield in <i>B. subtilis</i> . <i>Biotechnology and Bioengineering</i> , 2013 , 110, 2006-12	4.9	53
66	Direct Evidence of Torsional Motion in an Aggregation-Induced Emissive Chromophore. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 27161-27166	3.8	37
65	A Chiroptical Probe for Sensing Metal Ions in Water. <i>European Journal of Organic Chemistry</i> , 2013 , 2013, 6078-6083	3.2	37

64	The click reaction as an efficient tool for the construction of macrocyclic structures. <i>Molecules</i> , 2013 , 18, 9512-30	4.8	98
63	Polystyrene-based self-aggregating polymers based on UPy units. <i>Polymer Bulletin</i> , 2012 , 69, 911-923	2.4	12
62	A BINOL-based chiral polyammonium receptor for highly enantioselective recognition and fluorescence sensing of (S,S)-tartaric acid in aqueous solution. <i>Chemical Communications</i> , 2012 , 48, 10428-30	5.8	71
61	Poly(Eglutamic acid) esters with reactive functional groups suitable for orthogonal conjugation strategies. <i>Journal of Polymer Science Part A</i> , 2012 , 50, 4790-4799	2.5	36
60	A clicked macrocyclic probe incorporating Binol as the signalling unit for the chiroptical sensing of anions. <i>Tetrahedron</i> , 2012 , 68, 7861-7866	2.4	59
59	Synthesis and anion recognition properties of shape-persistent binaphthyl-containing chiral macrocyclic amides. <i>Beilstein Journal of Organic Chemistry</i> , 2012 , 8, 967-76	2.5	12
58	Synthesis, post-modification and characterization of linear polystyrene-based supports for interaction with immobilized biocatalysts. <i>Polymer International</i> , 2012 , 61, 1611-1618	3.3	11
57	Efficient crystallization induced emissive materials based on a simple push-pull molecular structure. <i>Physical Chemistry Chemical Physics</i> , 2011 , 13, 18005-14	3.6	55
56	Spectroscopic and electrochemical sensing of lanthanides with extended chromophores incorporating ferrocenes and a coordinative end. <i>Dalton Transactions</i> , 2011 , 40, 11719-25	4.3	21
55	Mild preparation of functionalized [2.2]paracyclophanes via the Pummerer rearrangement. <i>Organic and Biomolecular Chemistry</i> , 2011 , 9, 5018-20	3.9	22
54	Fluorinated styrene-based monomers for cyclopolymerizations. <i>Journal of Fluorine Chemistry</i> , 2011 , 132, 956-960	2.1	4
53	Tagging molecules with linear polymers: Biocatalytic transformation of substrates anchored on soluble macromolecules. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2010 , 13, 45-53	1.3	5
52	Locked chromophores as CD and NMR probes for the helical conformation of tetraamidic macrocycles. <i>Organic and Biomolecular Chemistry</i> , 2010 , 8, 1807-15	3.9	25
51	Structurally-variable, rigid and optically-active D2 and D3 macrocycles possessing recognition properties towards C60. <i>Organic and Biomolecular Chemistry</i> , 2010 , 8, 1640-9	3.9	38
50	Nesting complexation of C60 with large, rigid D2 symmetrical macrocycles. <i>Organic and Biomolecular Chemistry</i> , 2010 , 8, 3272-80	3.9	44
49	Controlled RAFT Cyclopolymerization of Oriented Styrenic Difunctional Monomers. <i>Macromolecular Chemistry and Physics</i> , 2010 , 211, 2254-2259	2.6	22
48	Shape selectivity in the synthesis of chiral macrocyclic amides. <i>Tetrahedron</i> , 2010 , 66, 4206-4211	2.4	37
47	Dynamic switching between binding sites in the complexation of macrocyclic pushpull chromophores to lanthanides. <i>Tetrahedron</i> , 2009 , 65, 10436-10440	2.4	10

46	Efficient Free-Radical Cyclopolymerization of Oriented Styrenic Difunctional Monomers. <i>Macromolecules</i> , 2009 , 42, 1860-1866	5.5	27
45	Site-selective supramolecular synthesis of halogen-bonded cocrystals incorporating the photoactive azo group. <i>CrystEngComm</i> , 2008 , 10, 1132	3.3	34
44	Chemoselective functionalization of 3,3'-substituted BINOL derivatives. <i>Journal of Organic Chemistry</i> , 2008 , 73, 4237-40	4.2	23
43	Bush-pull supramolecular chromophores supported on cyclopolymers. <i>Journal of Polymer Science Part A</i> , 2008 , 46, 5202-5213	2.5	39
42	A chiral probe for the detection of Cu(II) by UV, CD and emission spectroscopies. <i>Dalton Transactions</i> , 2007 , 1588-92	4.3	42
41	Linear recognition of dicarboxylates by ditopic macrocyclic complexes. <i>New Journal of Chemistry</i> , 2007 , 31, 352	3.6	40
40	Efficient Biocatalytic Cleavage and Recovery of Organic Substrates Supported on Soluble Polymers. <i>Advanced Synthesis and Catalysis</i> , 2007 , 349, 971-978	5.6	13
39	Synthetic pores with reactive signal amplifiers as artificial tongues. <i>Nature Materials</i> , 2007 , 6, 576-80	27	110
38	Synthesis and Structure Determination of 1, 4, 7, 11, 14, 17, 21, 24, 27-Nonaoxatriacontan-8, 10, 18, 20, 28, 30-Esaone. <i>Journal of Chemical Crystallography</i> , 2007 , 37, 537-541	0.5	1
37	Synthesis and Evaluation of Blends Formed by Polymeric Crown Ethers and a Fullerene-Containing Primary Ammonium Salt in Organic Thin Films. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2007 , 15, 367-378	1.8	1
36	Macrocycles as Precursors for Organic Nanotubes. <i>Current Organic Synthesis</i> , 2007 , 4, 59-80	1.9	68
35	Axially Chiral Catenanes and Electron-Deficient Receptors. <i>Chemistry - A European Journal</i> , 2006 , 3, 463-481	4.8	37
34	Molecular Recognition by Synthetic Multifunctional Pores in Practice: Are Structural Studies Really Helpful?. <i>Advanced Functional Materials</i> , 2006 , 16, 169-179	15.6	44
33	The depth of molecular recognition: voltage-sensitive blockage of synthetic multifunctional pores with refined architecture. <i>Chemical Communications</i> , 2005 , 4798-800	5.8	23
32	Synthetic multifunctional pores that open and close in response to chemical stimulation. <i>Bioorganic and Medicinal Chemistry</i> , 2005 , 13, 5171-80	3.4	36
31	Synthesis and Solubility Properties of Methanofullerenes Containing Primary Ammonium Ion Functionalities. <i>European Journal of Organic Chemistry</i> , 2005 , 2005, 4322-4327	3.2	4
30	C2 symmetrical double chromophores: cooperativity effects in lanthanide ion complexation. <i>Organic and Biomolecular Chemistry</i> , 2004 , 2, 1764-9	3.9	8
29	Thermal and conductivity properties of poly(ethylene glycol)-based cyclopolymers. <i>Journal of Materials Chemistry</i> , 2004 , 14, 2524		11

28	Supramolecular self-assembly of fibres. <i>Current Opinion in Solid State and Materials Science</i> , 2004 , 8, 157-163	12
27	Methanofullerenes from Macrocyclic Malonates. <i>European Journal of Organic Chemistry</i> , 2003 , 2003, 374-384	3.2 15
26	Cyclopolymers as Liquid Membrane Carriers. <i>Macromolecules</i> , 2003 , 36, 8894-8897	5.5 18
25	Rigid optically-active D2 and D3 macrocycles. <i>Organic and Biomolecular Chemistry</i> , 2003 , 1, 3261-2	3.9 12
24	Fullerene Ylidene Malonate Supramolecular Triads. <i>European Journal of Organic Chemistry</i> , 2002 , 2002, 3385-3392	3.2 24
23	A soluble polymer-bound Evanschitzky auxiliary: synthesis, characterization and use in cycloaddition reactions. <i>Tetrahedron: Asymmetry</i> , 2002 , 13, 333-337	33
22	Malonate crown ethers as building blocks for novel D-pi-A chromophores. <i>Organic Letters</i> , 2002 , 4, 23-6	6.2 35
21	Design, Synthesis, and Characterization of Carbon-Rich Cyclopolymers for 193 nm Microlithography. <i>Chemistry of Materials</i> , 2001 , 13, 4136-4146	9.6 33
20	Microlithographic Assessment of a Novel Family of Transparent and Etch-Resistant Chemically Amplified 193-nm Resists Based on Cyclopolymers. <i>Chemistry of Materials</i> , 2001 , 13, 4147-4153	9.6 35
19	Novel Design of Carbon-Rich Polymers for 193 nm Microlithography: Adamantane-Containing Cyclopolymers. <i>Advanced Materials</i> , 2000 , 12, 347-351	24 22
18	Design of photoresists with reduced environmental impact. II. Water-soluble resists based on photocrosslinking of poly(2-isopropenyl-2-oxazoline). <i>Journal of Polymer Science Part A</i> , 1999 , 37, 1225-1236	2.5 27
17	Diastereoselective Self-Assembly of [2]Catenanes. <i>European Journal of Organic Chemistry</i> , 1999 , 1999, 995-1004	3.2 34
16	Unique polymers via radical diene cyclization: polyspiroborbornanes and their application to 193 nm microlithography. <i>Chemical Communications</i> , 1999 , 1587-1588	5.8 10
15	Novel Organic Resists for Nanoscale Imaging. From Chemically Amplified Cycloaliphatic Resists to Dendrimer Monolayer.. <i>Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi]</i> , 1999 , 12, 405-416	0.7 4
14	. <i>European Journal of Organic Chemistry</i> , 1998 , 1998, 983-986	3.2 17
13	Self-Assembling Cyclophanes and Catenanes Possessing Elements of Planar Chirality. <i>Chemistry - A European Journal</i> , 1998 , 4, 299-310	4.8 35
12	Cyclophanes and [2]Catenanes as Ligands for Transition Metal Complexes: Synthesis, Structure, Absorption Spectra, and Excited State and Electrochemical Properties. <i>Chemistry - A European Journal</i> , 1998 , 4, 590-607	4.8 52
11	Constitutionally Asymmetric and Chiral [2]Pseudorotaxanes1. <i>Journal of the American Chemical Society</i> , 1998 , 120, 920-931	16.4 44

10	Design and Preliminary Studies of Environmentally Enhanced Water-Castable, Water-Developable Positive Tone Resists: Model and Feasibility Studies. <i>ACS Symposium Series</i> , 1998 , 262-275	0.4	1
9	Positive- and negative-tone water-processable photoresists: a progress report 1998 , 3333, 245		4
8	Design of a positive-tone water-soluble resist 1997 , 3049, 437		3
7	Molecular and Supramolecular Synthesis with Dibenzofuran-Containing Systems. <i>Chemistry - A European Journal</i> , 1997 , 3, 1136-1150	4.8	38
6	Enantioselective Recognition of Amino Acids by Axially-Chiral pi-Electron-Deficient Receptors. <i>Journal of Organic Chemistry</i> , 1996 , 61, 7234-7235	4.2	33
5	Chromatography of mechanically interlocked molecular compounds. <i>Analytical Chemistry</i> , 1996 , 68, 3879-3881	7.8	4
4	Solvent effect as the result of frontier molecular orbital interaction. VII. The retro-diels-alder reaction.. <i>Tetrahedron</i> , 1992 , 48, 1667-1674	2.4	29
3	A Donor Polymer with a Good Compromise between Efficiency and Sustainability for Organic Solar Cells. <i>Advanced Energy and Sustainability Research</i> , 2100069	1.6	8
2	Anthradithiophene-based organic semiconductors through regiodirected double annulations. <i>Journal of Materials Chemistry C</i> ,	7.1	9
1	Blue light driven free-radical polymerization using arylazo sulfones as initiators. <i>Polymer Chemistry</i> ,	4.9	1