

Paola Peluso

List of Publications by Year in Descending Order

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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.

58
papers

755
citations

16
h-index

23
g-index

68
ext. papers

932
ext. citations

3.5
avg, IF

4.56
L-index

#	Paper	IF	Citations
58	Comparative enantioseparation of planar chiral ferrocenes on polysaccharide-based chiral stationary phases.. <i>Chirality</i> , 2022 ,	2.1	2
57	Chiral Ferrocenyl Iodobenzotriazoles and Iodobenzotriazoliums as Halogen Bond Donors. Synthesis, Solid State Analysis and Catalytic Properties.. <i>European Journal of Inorganic Chemistry</i> , 2022 , 2022,	2.3	2
56	Exploring interaction modes between polysaccharide-based selectors and biologically active 4,4'-bipyridines by experimental and computational analysis. <i>Journal of Chromatography Open</i> , 2022 , 2, 100030		1
55	Unravelling functions of halogen substituents in the enantioseparation of halogenated planar chiral ferrocenes on polysaccharide-based chiral stationary phases: experimental and electrostatic potential analyses.. <i>Journal of Chromatography A</i> , 2022 , 1673, 463097	4.5	0
54	Enantioseparations of polyhalogenated 4,4'-bipyridines on polysaccharide-based chiral stationary phases and molecular dynamics simulations of selector-selectand interactions. <i>Electrophoresis</i> , 2021 , 42, 1853-1863	3.6	3
53	Separation of tetrahydrozoline enantiomers in capillary electrophoresis with cyclodextrin-type chiral selectors and investigation of chiral recognition mechanisms. <i>Journal of Chromatography A</i> , 2021 , 1643, 462084	4.5	3
52	Native and substituted cyclodextrins as chiral selectors for capillary electrophoresis enantioseparations: Structures, features, application, and molecular modeling. <i>Electrophoresis</i> , 2021 , 42, 1676-1708	3.6	10
51	Convenient Access to Functionalized Non-Symmetrical Atropisomeric 4,4'-Bipyridines. <i>Compounds</i> , 2021 , 1, 58-74		1
50	The molecular bases of chiral recognition in 2-(benzylsulfinyl)benzamide enantioseparation. <i>Analytica Chimica Acta</i> , 2021 , 1141, 194-205	6.6	15
49	Enantioseparation of 5,5'-Dibromo-2,2'-Dichloro-3-Selanyl-4,4'-Bipyridines on Polysaccharide-Based Chiral Stationary Phases: Exploring Chalcogen Bonds in Liquid-Phase Chromatography. <i>Molecules</i> , 2021 , 26,	4.8	6
48	Complexation of daclatasvir by single isomer methylated β -cyclodextrins studied by capillary electrophoresis, NMR spectroscopy and mass spectrometry. <i>Carbohydrate Polymers</i> , 2021 , 273, 118486	10.3	5
47	Synthesis of Click BOX ligands and preliminary results on their application in the asymmetric copper catalysed Henry reaction of o-methoxybenzaldehyde. <i>Results in Chemistry</i> , 2021 , 3, 100122	2.1	
46	Rational Design, Synthesis, Characterization and Evaluation of Iodinated 4,4'-Bipyridines as New Transthyretin Fibrillogenesis Inhibitors. <i>Molecules</i> , 2020 , 25,	4.8	8
45	Comparative enantioseparation of chiral 4,4'-bipyridine derivatives on coated and immobilized amylose-based chiral stationary phases. <i>Journal of Chromatography A</i> , 2020 , 1625, 461303	4.5	11
44	Noncovalent interactions in high-performance liquid chromatography enantioseparations on polysaccharide-based chiral selectors. <i>Journal of Chromatography A</i> , 2020 , 1623, 461202	4.5	27
43	Halogen bond in separation science: A critical analysis across experimental and theoretical results. <i>Journal of Chromatography A</i> , 2020 , 1616, 460788	4.5	13
42	Factors Impacting π -and π -Hole Regions as Revealed by the Electrostatic Potential and Its Source Function Reconstruction: The Case of 4,4'-Bipyridine Derivatives. <i>Molecules</i> , 2020 , 25,	4.8	6

41	Disubstituted Ferrocenyl Iodo- and Chalcogenoalkynes as Chiral Halogen and Chalcogen Bond Donors. <i>Organometallics</i> , 2020 , 39, 3936-3950	3.8	15
40	Recent studies of docking and molecular dynamics simulation for liquid-phase enantioseparations. <i>Electrophoresis</i> , 2019 , 40, 1881-1896	3.6	19
39	Chiral Chalcogen Bond Donors Based on the 4,4'-Bipyridine Scaffold. <i>Molecules</i> , 2019 , 24,	4.8	19
38	Polysaccharide-based chiral stationary phases as halogen bond acceptors: A novel strategy for detection of stereoselective H-bonds in solution. <i>Journal of Separation Science</i> , 2018 , 41, 1247-1256	3.4	27
37	Halogen bond in high-performance liquid chromatography enantioseparations: Description, features and modelling. <i>Journal of Chromatography A</i> , 2018 , 1563, 71-81	4.5	22
36	Enantioseparation of fluorinated 3-arylthio-4,4'-bipyridines: Insights into chalcogen and H-bonds in high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2018 , 1567, 119-129	4.5	16
35	Silver(I) coordination polymers with 3,3',5,5'-tetrasubstituted 4,4'-bipyridine ligands: towards new porous chiral materials. <i>RSC Advances</i> , 2017 , 7, 7358-7367	3.7	11
34	Recent trends and applications in liquid-phase chromatography enantioseparation of atropisomers. <i>Electrophoresis</i> , 2017 , 38, 1830-1850	3.6	14
33	Insights into halogen bond-driven enantioseparations. <i>Journal of Chromatography A</i> , 2016 , 1467, 228-238	4.5	30
32	Channels with ordered water and bipyridine molecules in the porous coordination polymer {[Cu(SiF)(CHN)] ₂ CNH ₂ HO}. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2016 , 72, 1654-1658	0.7	1
31	Chiral Hexahalogenated 4,4'-Bipyridines. <i>Journal of Organic Chemistry</i> , 2016 , 81, 4576-87	4.2	15
30	Synthesis and Enantiomeric Separation of a Novel Spiroketal Derivative: A Potent Human Telomerase Inhibitor with High in Vitro Anticancer Activity. <i>Journal of Medicinal Chemistry</i> , 2016 , 59, 9140-9149	8.3	7
29	Liquid chromatography enantioseparations of halogenated compounds on polysaccharide-based chiral stationary phases: role of halogen substituents in molecular recognition. <i>Chirality</i> , 2015 , 27, 667-84	2.1	28
28	Homochiral metal-organic frameworks and their application in chromatography enantioseparations. <i>Journal of Chromatography A</i> , 2014 , 1363, 11-26	4.5	67
27	High-performance liquid chromatography enantioseparation of polyhalogenated 4,4'-bipyridines on polysaccharide-based chiral stationary phases under multimodal elution. <i>Journal of Separation Science</i> , 2014 , 37, 2481-9	3.4	11
26	Insights into the impact of shape and electronic properties on the enantioseparation of polyhalogenated 4,4'-bipyridines on polysaccharide-type selectors. Evidence of stereoselective halogen bonding interactions. <i>Journal of Chromatography A</i> , 2014 , 1345, 182-92	4.5	30
25	Lithiation of prochiral 2,2'-dichloro-5,5'-dibromo-4,4'-bipyridine as a tool for the synthesis of chiral polyhalogenated 4,4'-bipyridines. <i>Journal of Organic Chemistry</i> , 2013 , 78, 7683-9	4.2	13
24	Comparative HPLC enantioseparation of thirty-six aromatic compounds on four columns of the Lux series: impact of substituents, shapes and electronic properties. <i>Chirality</i> , 2013 , 25, 709-18	2.1	16

- 23 Optimization of the HPLC enantioseparation of 3,3'-dibromo-5,5'-disubstituted-4,4'-bipyridines using immobilized polysaccharide-based chiral stationary phases. *Journal of Separation Science*, **2013**, 36, 2993-3003 3.4 19
- 22 High-performance liquid chromatography enantioseparation of atropisomeric 4,4'-bipyridines on polysaccharide-type chiral stationary phases: Impact of substituents and electronic properties. *Journal of Chromatography A*, **2012**, 1251, 91-100 4.5 22
- 21 Synthesis, resolution, and absolute configuration of chiral 4,4'-bipyridines. *Journal of Organic Chemistry*, **2012**, 77, 2579-83 4.2 20
- 20 High-Performance Liquid Chromatographic Enantioseparation of Atropisomeric Biphenyls on Seven Chiral Stationary Phases. *Current Organic Chemistry*, **2011**, 15, 1208-1229 1.7 12
- 19 High performance liquid chromatographic enantioseparation of chiral bridged polycyclic compounds on chiralcel OD-H and chiralpak OT(+). *Chirality*, **2009**, 21, 507-18 2.1 5
- 18 Conversion of β -substituted bicyclo[2.2.1] (Z)-vinylsulfones to the corresponding (E)-allylsulfones. *Tetrahedron Letters*, **2006**, 47, 2253-2256 2 3
- 17 Rhodium catalyzed hydroformylation of 2-phenylsulfonylbicyclo[2.2.1] alkenes: effect of the phenylsulfonyl group. *Tetrahedron Letters*, **2006**, 47, 2569-2572 2 12
- 16 Desymmetrization of meso 7-aza-2,3-bis(phenylsulfonyl) bicyclo[2.2.1]hept-2-ene: a re-examination. Kinetic resolution of racemic 3-arylsulfonyl-7-aza-2-bromobicyclo[2.2.1]hepta-2,5-dienes. *Tetrahedron Letters*, **2006**, 47, 4015-4018 2 4
- 15 Selective Amination of Cyanuric Chloride in the Presence of 18-Crown-6. *European Journal of Organic Chemistry*, **2002**, 2002, 1551-1555 3.2 13
- 14 Synthesis of 2-Mono- and 2,3-Disubstituted Polycyclic Alkenes. *European Journal of Organic Chemistry*, **2002**, 2002, 4024-4031 3.2 11
- 13 Role of Copper in the Stereoselective Metal-Promoted Cyclotrimerisation of Polycyclic Alkenes. *European Journal of Organic Chemistry*, **2002**, 2002, 4032-4036 3.2 5
- 12 Observations on the alkylation of β acetalic carbanions: monoalkylation versus dialkylation and elimination. *Tetrahedron*, **2001**, 57, 4461-4465 2.4 10
- 11 anti-Selective Heck-type cyclotrimerization of polycyclic bromoalkenes. *Tetrahedron Letters*, **2001**, 42, 3515-3518 2 26
- 10 Enantiomeric Discrimination in a Reiterative Domino Coupling Process: CuI-mediated Syn Cyclotrimerization of Racemic Polycyclic Trimethylstannyl Bromonorbornadienes. *Angewandte Chemie*, **2001**, 113, 4210-4213 3.6 1
- 9 Enantiomeric Discrimination in a Reiterative Domino Coupling Process: Cu-mediated Syn Cyclotrimerization of Racemic Polycyclic Trimethylstannyl Bromonorbornadienes. *Angewandte Chemie - International Edition*, **2001**, 40, 4086-4089 16.4 16
- 8 IMPROVED SELECTIVE SYNTHESIS OF (Z)- AND (E)-1,2-BIS(PHENYLSULFONYL)-CHLOROETHYLENE. *Synthetic Communications*, **2001**, 31, 27-32 1.7 4
- 7 Crystal structure of 2,2'-bis(phenylsulfonyl)-2a-chlorobicyclo[2.2.1]hepta-5-ene, C₇H₇(SO₂C₆H₅)₂Cl. *Zeitschrift Fur Kristallographie - New Crystal Structures*, **2000**, 215, 33-34 0.2
- 6 Li⁺ and Na⁺ switch of enantioselectivity in the desymmetrisation of polycyclic bis(phenylsulfonyl)alkenes by chiral alcohols. *Tetrahedron Letters*, **2000**, 41, 7263-7266 2 9

5	Crystal structure of 3,4,5-triphenyl-3-(phenylsulfonyl)-1R-[1,2-(4R*,5R*)-spiro]bicyclo[2.2.1]hept-5-ene-2,2[1,3]dioxolane, [(C ₆ H ₅ SO ₂)C ₇ H ₇][C ₂ H ₂ O ₂ (C ₆ H ₅) ₂]. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2000 , 215, 231-232	0.2	
4	Stereochemistry of the cyclotrimerisation of enantiopure polycyclic bromostannylalkenes: Mechanistic considerations on the coupling of alkenyl stannanes by copper(II) nitrate. <i>Tetrahedron Letters</i> , 1999 , 40, 8185-8188	2	20
3	Enantioselective synthesis of polycyclic ketones by desymmetrisation of bis(phenylsulfonyl)alkenes with chiral alcoholates. Control of the absolute configuration by a simple modification of the chiral auxiliary. <i>Tetrahedron Letters</i> , 1999 , 40, 8705-8709	2	15
2	1,3,5-Triazine multiselectors: New tools for chiral discrimination. <i>Chirality</i> , 1997 , 9, 113-121	2.1	19
1	Selective Mono- or Dialkoxylation of 2,4,6-Trichloro-1,3,5-triazine in Solid-Liquid Phase Transfer Conditions. <i>Synthetic Communications</i> , 1994 , 24, 2153-2158	1.7	35