

Victor Mamane

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.

84
papers

2,618
citations

22
h-index

50
g-index

104
ext. papers

2,916
ext. citations

4
avg, IF

5.22
L-index

| # | Paper | IF | Citations |
|----|--|------|-----------|
| 84 | Comparative enantioseparation of planar chiral ferrocenes on polysaccharide-based chiral stationary phases.. <i>Chirality</i> , 2022 , | 2.1 | 2 |
| 83 | Chiral Ferrocenyl Iodotriazoles and Iodotriazoliums as Halogen Bond Donors. Synthesis, Solid State Analysis and Catalytic Properties.. <i>European Journal of Inorganic Chemistry</i> , 2022 , 2022, | 2.3 | 2 |
| 82 | Deciphering the Role of Noncovalent Interactions in the Conformations of Dibenzo-1,5-dichalcogenocines.. <i>ChemPlusChem</i> , 2022 , e202100518 | 2.8 | 0 |
| 81 | 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 |
| 80 | 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 |
| 79 | 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 |
| 78 | Convenient Access to Functionalized Non-Symmetrical Atropisomeric 4,4'-Bipyridines. <i>Compounds</i> , 2021 , 1, 58-74 | | 1 |
| 77 | 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 |
| 76 | Functionalized 4,4'-Bipyridines: Synthesis and 2D Organization on Highly Oriented Pyrolytic Graphite. <i>Journal of Organic Chemistry</i> , 2021 , 86, 3356-3366 | 4.2 | 1 |
| 75 | Chalcogen-Bonding Catalysis with Telluronium Cations. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 19281-19286 | 16.4 | 11 |
| 74 | Chalcogen-Bonding Catalysis with Telluronium Cations. <i>Angewandte Chemie</i> , 2021 , 133, 19430-19435 | 3.6 | 3 |
| 73 | Insight into the Modes of Activation of Pyridinium and Bipyridinium Salts in Non-Covalent Organocatalysis. <i>Advanced Synthesis and Catalysis</i> , 2021 , 363, 4779 | 5.6 | 3 |
| 72 | Rational Design, Synthesis, Characterization and Evaluation of Iodinated 4,4'-Bipyridines as New Transthyretin Fibrillogenesis Inhibitors. <i>Molecules</i> , 2020 , 25, | 4.8 | 8 |
| 71 | 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 |
| 70 | 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 |
| 69 | 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 |
| 68 | 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 |

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| 67 | Disubstituted Ferrocenyl Iodo- and Chalcogenoalkynes as Chiral Halogen and Chalcogen Bond Donors. <i>Organometallics</i> , 2020 , 39, 3936-3950 | 3.8 | 15 |
| 66 | Recent studies of docking and molecular dynamics simulation for liquid-phase enantioseparations. <i>Electrophoresis</i> , 2019 , 40, 1881-1896 | 3.6 | 19 |
| 65 | Borylation and rearrangement of alkynyloxiranes: a stereospecific route to substituted Enynes. <i>Beilstein Journal of Organic Chemistry</i> , 2019 , 15, 1416-1424 | 2.5 | 0 |
| 64 | Chiral Chalcogen Bond Donors Based on the 4,4'-Bipyridine Scaffold. <i>Molecules</i> , 2019 , 24, | 4.8 | 19 |
| 63 | 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 |
| 62 | Accurate control of the covalent functionalization of single-walled carbon nanotubes for the electro-enzymatically controlled oxidation of biomolecules. <i>Beilstein Journal of Nanotechnology</i> , 2018 , 9, 2750-2762 | 3 | 3 |
| 61 | 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 |
| 60 | 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 |
| 59 | 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 |
| 58 | Recent trends and applications in liquid-phase chromatography enantioseparation of atropisomers. <i>Electrophoresis</i> , 2017 , 38, 1830-1850 | 3.6 | 14 |
| 57 | Covalent functionalization of polyhedral graphitic particles synthesized by arc discharge from graphite. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 5405-5410 | 3.6 | 2 |
| 56 | Cascade Reactions Involving Aromatic N-Heterocycles: C-N Bond Formation as Key-step Towards the Synthesis of N-fused Polycyclic Heterocycles. <i>Current Organic Chemistry</i> , 2017 , 21, | 1.7 | 9 |
| 55 | Insights into halogen bond-driven enantioseparations. <i>Journal of Chromatography A</i> , 2016 , 1467, 228-238 | 4.5 | 30 |
| 54 | Mild covalent functionalization of single-walled carbon nanotubes highlighted by spectroscopic ellipsometry. <i>Carbon</i> , 2016 , 96, 557-564 | 10.4 | 3 |
| 53 | Channels with ordered water and bipyridine molecules in the porous coordination polymer {[Cu(SiF)(CHN)] ₂ CNHF ₂ HO}. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2016 , 72, 1654-1658 | 0.7 | 1 |
| 52 | Recent Contributions to Hetero Diels-Alder Reactions. <i>Current Organic Chemistry</i> , 2016 , 20, 2161-2210 | 1.7 | 53 |
| 51 | Chiral Hexahalogenated 4,4'-Bipyridines. <i>Journal of Organic Chemistry</i> , 2016 , 81, 4576-87 | 4.2 | 15 |
| 50 | Synthesis and solid-state fluorescence properties of pentacyclic 7-substituted-indeno[1',2':4,5]pyrido[2,1-a]isoindol-5-ones. <i>RSC Advances</i> , 2015 , 5, 2715-2723 | 3.7 | 4 |

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| 49 | Covalent functionalization of HiPco single-walled carbon nanotubes: differences in the oxidizing action of H ₂ SO ₄ and HNO ₃ during a soft oxidation process. <i>ChemPhysChem</i> , 2015 , 16, 2692-701 | 3-2 | 4 |
| 48 | 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 |
| 47 | Homochiral metal-organic frameworks and their application in chromatography enantioseparations. <i>Journal of Chromatography A</i> , 2014 , 1363, 11-26 | 4-5 | 67 |
| 46 | 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 |
| 45 | Chemi- vs physisorption in the radical functionalization of single-walled carbon nanotubes under microwaves. <i>Beilstein Journal of Nanotechnology</i> , 2014 , 5, 537-45 | 3 | 10 |
| 44 | 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 |
| 43 | 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 |
| 42 | Functionalized carbon nanotubes for bioelectrochemical applications: Critical influence of the linker. <i>Journal of Electroanalytical Chemistry</i> , 2013 , 707, 129-133 | 4-1 | 8 |
| 41 | Ag ₂ O mediated N-demethylation and oxidative opening of indenopyrido[2,1-a]isoindolones. Efficient access to polysubstituted 1-azafluorenones. <i>RSC Advances</i> , 2013 , 3, 19110 | 3-7 | 1 |
| 40 | Energetic analysis of the molecular packing of 5,5'-dibromo-2,2'-bis[4-(methylsulfonyl)phenyl]-4,4'-bipyridine: the role of π - π and halogen interactions. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2013 , 69, 56-60 | | |
| 39 | Highly Fluorescent, π -Extended Indenopyrido[2,1-a]isoindolone Derivatives Prepared by a Palladium-Catalysed Cascade Reaction. <i>European Journal of Organic Chemistry</i> , 2013 , 2013, 2316-2324 | 3-2 | 15 |
| 38 | Electrocatalytic effect towards NADH induced by HiPco single-walled carbon nanotubes covalently functionalized by ferrocene derivatives. <i>Materials Research Society Symposia Proceedings</i> , 2013 , 1531, 1 | | 1 |
| 37 | Optimization of the HPLC enantioseparation of 3,3'-dibromo-5,5'-disubstituted-4,4'-bipyridines using immobilized polysaccharide-based chiral stationary phases. <i>Journal of Separation Science</i> , 2013 , 36, 2993-3003 | 3-4 | 19 |
| 36 | Al(OTf) ₃ as a new efficient catalyst for the direct nucleophilic substitution of ferrocenyl alcohol substrates. Convenient preparation of ferrocenyl-PEG compounds. <i>Tetrahedron Letters</i> , 2012 , 53, 2604-2607 | 2 | 10 |
| 35 | Dehydrogenase-Based Reagentless Biosensors: Electrochemically Assisted Deposition of Sol-Gel Thin Films on Functionalized Carbon Nanotubes. <i>Electroanalysis</i> , 2012 , 24, 376-385 | 3 | 25 |
| 34 | Covalent functionalization of few-wall carbon nanotubes by ferrocene derivatives for bioelectrochemical devices. <i>Physica Status Solidi (B): Basic Research</i> , 2012 , 249, 2349-2352 | 1-3 | 10 |
| 33 | High-performance liquid chromatography enantioseparation of atropisomeric 4,4'-bipyridines on polysaccharide-type chiral stationary phases: Impact of substituents and electronic properties. <i>Journal of Chromatography A</i> , 2012 , 1251, 91-100 | 4-5 | 22 |
| 32 | Synthesis, resolution, and absolute configuration of chiral 4,4'-bipyridines. <i>Journal of Organic Chemistry</i> , 2012 , 77, 2579-83 | 4-2 | 20 |

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| 31 | Double N-arylation reaction of polyhalogenated 4,4'-bipyridines. Expedious synthesis of functionalized 2,7-diazacarbazoles. <i>Beilstein Journal of Organic Chemistry</i> , 2012 , 8, 253-8 | 2.5 | 10 |
| 30 | Few-wall carbon nanotubes covalently functionalized by ferrocene groups for bioelectrochemical devices.. <i>Materials Research Society Symposia Proceedings</i> , 2012 , 1451, 111-116 | | |
| 29 | Effects on Raman spectra of functionalisation of single walled carbon nanotubes by nitric acid. <i>Physica Status Solidi (B): Basic Research</i> , 2011 , 248, 2552-2555 | 1.3 | 3 |
| 28 | Low degree of functionalization of Single-Walled Carbon Nanotubes probed by highly sensitive characterization techniques. <i>Carbon</i> , 2011 , 49, 3010-3018 | 10.4 | 12 |
| 27 | Direct Functionalization of Benzoquinolines. <i>Letters in Organic Chemistry</i> , 2010 , 7, 90-93 | 0.6 | 3 |
| 26 | Synthesis of new pentacyclic chromophores through a highly regio- and diastereoselective cascade process. <i>Organic and Biomolecular Chemistry</i> , 2010 , 8, 4815-8 | 3.9 | 7 |
| 25 | Synthesis of polyhalogenated 4,4'-bipyridines via a simple dimerization procedure. <i>Journal of Organic Chemistry</i> , 2010 , 75, 3224-31 | 4.2 | 31 |
| 24 | The diastereoselective ortho-lithiation of Kagan's ferrocenyl acetal. Generation and reactivity of chiral 2-substituted ferrocenecarboxaldehydes. <i>Tetrahedron: Asymmetry</i> , 2010 , 21, 1019-1029 | | 21 |
| 23 | Conformational disorder in 4-(5,5'-dibromo-2'-chloro-4,4'-bipyridyl-2-yl)benzaldehyde: role of pi-pi and halogen interactions. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2010 , 66, o381-4 | | 3 |
| 22 | Direct 1,4-difunctionalization of isoquinoline. <i>Tetrahedron Letters</i> , 2009 , 50, 5716-5718 | 2 | 19 |
| 21 | Evidence of sidewall covalent functionalization of single-walled carbon nanotubes and its advantages for composite processing. <i>Carbon</i> , 2009 , 47, 411-419 | 10.4 | 52 |
| 20 | Metal-Catalyzed Cross-Coupling Reactions for Ferrocene Functionalization: Recent Applications in Synthesis, Material Science and Asymmetric Catalysis. <i>Mini-Reviews in Organic Chemistry</i> , 2008 , 5, 303-312 | 1.7 | 27 |
| 19 | Preferential functionalisation of carbon nanotubes probed by Raman spectroscopy. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2008 , 40, 2343-2346 | 3 | 6 |
| 18 | A general and efficient method for the synthesis of benzo-(iso)quinoline derivatives. <i>Tetrahedron</i> , 2008 , 64, 10699-10705 | 2.4 | 29 |
| 17 | Optical Parameter to Reveal the Interplay between Covalent Functionalization and the State of Aggregation of Single-Walled Carbon Nanotubes. <i>Journal of Physical Chemistry C</i> , 2007 , 111, 12199-12206 | 3.8 | 6 |
| 16 | Biology-oriented synthesis of stereochemically diverse natural-product-derived compound collections by iterative allylations on a solid support. <i>Chemistry - A European Journal</i> , 2007 , 13, 3305-19 | 4.8 | 59 |
| 15 | Stereoselective allylation of aldehydes on solid support and its application in biology-oriented synthesis (BIOS). <i>Tetrahedron</i> , 2007 , 63, 5754-5767 | 2.4 | 32 |
| 14 | S-Methyl 5-methylpyrazine-2-carbothioate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007 , 63, o4306-o4307 | | |

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| 13 | The methyl group as a source of structural diversity in heterocyclic chemistry: side chain functionalization of picolines and related heterocycles. <i>Journal of Organic Chemistry</i> , 2007 , 72, 7294-3004.2 | 30 |
| 12 | Stereocomplementary synthesis of a natural product-derived compound collection on a solid phase. <i>Chemical Communications</i> , 2006 , 3868-70 | 5.8 42 |
| 11 | A cascade process toward the synthesis of fused polycyclic dihydropyridines. <i>Tetrahedron Letters</i> , 2006 , 47, 2337-2340 | 2 20 |
| 10 | INDIUM-CATALYZED CYCLOISOMERIZATION: PREPARATION OF 4-METHYLPYRROLO[1,2-a]QUINOLINE. <i>Organic Syntheses</i> , 2006 , 83, 103 | 1.2 11 |
| 9 | Indium-Catalyzed Cycloisomerization: Preparation of 4-Methylpyrrolo[1,2-a]quinoline 2006 , 103-110 | 1 |
| 8 | Convenient access to new chiral ferroceno-(iso)quinolines. <i>Journal of Organic Chemistry</i> , 2005 , 70, 8220-3.2 | 33 |
| 7 | Synthesis of phenanthrenes and polycyclic heteroarenes by transition-metal catalyzed cycloisomerization reactions. <i>Chemistry - A European Journal</i> , 2004 , 10, 4556-75 | 4.8 532 |
| 6 | Platinum- and gold-catalyzed cycloisomerization reactions of hydroxylated enynes. <i>Journal of the American Chemical Society</i> , 2004 , 126, 8654-5 | 16.4 507 |
| 5 | Functionalised polyferrocene complexes: synthesis and mixed-valency properties. <i>New Journal of Chemistry</i> , 2004 , 28, 585 | 3.6 4 |
| 4 | Concise total synthesis of the aporphine alkaloid 7,7'-bisdehydro-O-methylisopiline by an InCl ₃ mediated cycloisomerization reaction. <i>Chemical Communications</i> , 2003 , 2112-3 | 5.8 111 |
| 3 | Flexible synthesis of phenanthrenes by a PtCl ₂ -catalyzed cycloisomerization reaction. <i>Journal of Organic Chemistry</i> , 2002 , 67, 6264-7 | 4.2 306 |
| 2 | Asymmetric synthesis of chiral ferrocenyl fulleropyrrolidines as potential building blocks for new materials. <i>Tetrahedron</i> , 2001 , 57, 2555-2561 | 2.4 32 |
| 1 | [2+2+2] Cyclootrimerisation of bisaryl acetylene bearing ferrocenyl units with planar chirality: synthesis of enantiopure conjugated polyferrocene complexes. <i>Journal of Organometallic Chemistry</i> , 2001 , 637-639, 84-88 | 2.3 14 |