

Antal Csmpai

List of Publications by Year in descending order

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docs citations

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| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Highly Enantioselective Conjugate Addition of Nitromethane to Chalcones Using Bifunctional Cinchona Organocatalysts. <i>Organic Letters</i> , 2005, 7, 1967-1969. | 4.6 | 959 |
| 2 | Synthesis, Structure, and in vitro Antitumor Activity of Some Glycoside Derivatives of Ferrocenyl-Chalcones and Ferrocenyl-Pyrazolines. <i>ChemMedChem</i> , 2006, 1, 1119-1125. | 3.2 | 78 |
| 3 | Thiourea Derivatives as Brønsted Acid Organocatalysts. <i>ACS Catalysis</i> , 2016, 6, 4379-4387. | 11.2 | 74 |
| 4 | Synthesis, IR-, NMR-, DFT and X-ray study of ferrocenyl heterocycles from thiosemicarbazones. Part 21: Study on ferrocenes. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 5621-5632. | 1.8 | 46 |
| 5 | Green tea polyphenol tailors cell adhesivity of RGD displaying surfaces: multicomponent models monitored optically. <i>Scientific Reports</i> , 2017, 7, 42220. | 3.3 | 46 |
| 6 | Ferrocene-cinchona hybrids with triazolyl-chalcone linkers act as pro-oxidants and sensitize human cancer cell lines to paclitaxel. <i>Metallomics</i> , 2017, 9, 1132-1141. | 2.4 | 35 |
| 7 | Acylation of mono-, bis- and tris- Cinchona-Based Amines Containing Ferrocene or Organic Residues: Synthesis, Structure and in Vitro Antitumor Activity on Selected Human Cancer Cell Lines. <i>Molecules</i> , 2012, 17, 2316-2329. | 3.8 | 26 |
| 8 | Stereoselective Synthesis and Modelling-Driven Optimisation of Carane-Based Aminodiols and 1,3-Oxazines as Catalysts for the Enantioselective Addition of Diethylzinc to Benzaldehyde. <i>Chemistry - A European Journal</i> , 2016, 22, 7163-7173. | 3.3 | 26 |
| 9 | Synthesis, spectroscopy, X-ray analysis and in vitro antiproliferative effect of ferrocenylmethylene-hydrazinylpyridazin-3(2H)-ones and related ferroceno[d]pyridazin-1(2H)-ones. <i>Journal of Organometallic Chemistry</i> , 2013, 743, 130-138. | 1.8 | 25 |
| 10 | Ethyl-(Triphenylphosphoranylidene)amino-ferrocenylacrylate as a Starting Material for [2+2] Cycloadditions, Including the Aza-Wittig Reaction. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 717-723. | 2.4 | 24 |
| 11 | Mechanistic investigations of a bifunctional squaramide organocatalyst in asymmetric Michael reaction and observation of stereoselective retro-Michael reaction. <i>RSC Advances</i> , 2015, 5, 95079-95086. | 3.6 | 24 |
| 12 | Structure and mechanism of hydrolysis of diaryl(acylamino)(chloro)-4-sulfanes and diaryl(acylamino)sulfonium salts. <i>Perkin Transactions II RSC</i> , 2001, , 339-349. | 1.1 | 21 |
| 13 | (E)-3-(2-Alkyl-10H-phenothiazin-3-yl)-1-arylprop-2-en-1-ones: preparative, IR, NMR and DFT study on their substituent-dependent reactivity in hydrazinolysis and sonication-assisted oxidation with copper(ii)nitrate. <i>Organic and Biomolecular Chemistry</i> , 2006, 4, 4375-4386. | 2.8 | 21 |
| 14 | Synthesis, NMR, IR spectroscopic and X-ray study of novel [pyridazin-3(2H)-one-6-yl]ferrocenes and related ferrocenophane derivatives. Study on ferrocenes. Part 14. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 802-810. | 1.8 | 20 |
| 15 | Synthesis, ring transformations, IR-, NMR and DFT study of heterocycles with two ferrocenyl units. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 3732-3741. | 1.8 | 20 |
| 16 | Synthesis, structure and in vitro cytostatic activity of ferrocene-cinchona hybrids. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 946-949. | 2.2 | 20 |
| 17 | Convenient RCM-Mediated Synthesis and Spectroscopic Study of Novel Ferrocenyl-Substituted 2,5,8,9-Tetrahydro-3H-imidazo[1,2-a][1,3]diazepin-3-ones. <i>European Journal of Organic Chemistry</i> , 2002, 2002, 3801-3806. | 2.4 | 19 |
| 18 | Synthesis, IR-, NMR- and X-ray investigations on some novel N-hetaryl-dihydro-pyrazolyl ferrocenes. Study on ferrocenes, part 16. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 4018-4026. | 1.8 | 19 |

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|----|--|-----|-----------|
| 19 | Detection of plasmin based on specific peptide substrate using acoustic transducer. <i>Sensors and Actuators B: Chemical</i> , 2016, 223, 591-598. | 7.8 | 18 |
| 20 | An efficient iminophosphorane-mediated synthesis, NMR-IR spectroscopic and X-ray study of novel ferrocenylimidazole derivatives. <i>Journal of Organometallic Chemistry</i> , 2001, 634, 122-130. | 1.8 | 17 |
| 21 | 2,3-Dihydroimidazo[1,2-b]ferroceno[d]pyridazines and a 3,4-dihydro-2H-pyrimido[1,2-b]ferroceno[d]pyridazine: Synthesis, structure and in vitro antiproliferation activity on selected human cancer cell lines. <i>Journal of Organometallic Chemistry</i> , 2014, 750, 41-48. | 1.8 | 17 |
| 22 | Electrochemical and Photometric Detection of Plasmin by Specific Peptide Substrate. <i>Electroanalysis</i> , 2015, 27, 789-798. | 2.9 | 16 |
| 23 | Stereoselective synthesis and application of tridentate aminodiols derived from (+)-pulegone. <i>Tetrahedron: Asymmetry</i> , 2016, 27, 480-486. | 1.8 | 14 |
| 24 | N-ferrocenylpyridazinones and new organic analogues: Synthesis, cyclic voltammetry, DFT analysis and in vitro antiproliferative activity associated with ROS-generation. <i>Tetrahedron</i> , 2017, 73, 6181-6192. | 1.9 | 14 |
| 25 | Iterative Coupling of Two Different Enones by Nitromethane Using Bifunctional Thiourea Organocatalysts. Stereocontrolled Assembly of Cyclic and Acyclic Structures. <i>Journal of Organic Chemistry</i> , 2015, 80, 8990-8996. | 3.2 | 13 |
| 26 | DNMR, DFT and preparative study on the conformation of (Z)-4,5,6,7-tetrahydropyrazolo[1,5-e]benzo[g][1,5]diazonin-8-ones and (Z)-4,5-dihydropyrazolo[1,5-d]benzo[f][1,4]diazocin-7(6H)-ones. <i>Tetrahedron</i> , 2008, 64, 10837-10848. | 1.9 | 12 |
| 27 | Protoflavone-Chalcone Hybrids Exhibit Enhanced Antitumor Action through Modulating Redox Balance, Depolarizing the Mitochondrial Membrane, and Inhibiting ATR-Dependent Signaling. <i>Antioxidants</i> , 2020, 9, 519. | 5.1 | 12 |
| 28 | Synthesis of New C-3 Substituted Kynurenic Acid Derivatives. <i>Molecules</i> , 2020, 25, 937. | 3.8 | 12 |
| 29 | Novel ring transformations of condensed [1,2,4]triazolo[4,3-b]pyridazine-6(5H)-one-3(2H)-thiones effected by dialkyl-acetylenedicarboxylates. <i>Tetrahedron</i> , 2001, 57, 7191-7198. | 1.9 | 11 |
| 30 | Iodine-catalyzed stepwise [4+2] cycloaddition of phenothiazine- and ferrocene-containing Schiff bases with DHP promoted by microwave irradiation. <i>Tetrahedron</i> , 2010, 66, 9938-9944. | 1.9 | 11 |
| 31 | Ferrocene-Containing Impiridone (ONC201) Hybrids: Synthesis, DFT Modelling, In Vitro Evaluation, and Structure-Activity Relationships. <i>Molecules</i> , 2018, 23, 2248. | 3.8 | 11 |
| 32 | Synthesis and structure of planar chiral ferroceno[d]pyridazinones, the first representatives of a novel class of fused metallocenes. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 1626-1631. | 1.8 | 10 |
| 33 | Comparative evaluation of a Pictet-Spengler protocol in microwave-assisted conversions of tryptamine with aryl- and carboxyaryl aldehydes: role of ring strain in cyclocondensation of the primarily formed carboxyaryl-substituted β -carboline. <i>Monatshfte für Chemie</i> , 2013, 144, 1381-1387. | 1.8 | 10 |
| 34 | Synthesis, spectral- and theoretical study, x-ray analysis, and antiproliferative activity of 4,5-dihydrobenzoferrroceno[1,2-d][1,2,3]selenadiazole and its benzo-fused analogue. <i>Journal of Organometallic Chemistry</i> , 2018, 863, 70-76. | 1.8 | 10 |
| 35 | Synthesis, Structure and In Vitro Cytotoxic Activity of Novel Cinchona-Chalcone Hybrids with 1,4-Disubstituted- and 1,5-Disubstituted 1,2,3-Triazole Linkers. <i>Molecules</i> , 2019, 24, 4077. | 3.8 | 10 |
| 36 | Selective Synthesis and Cycloaddition Reactions of New Azomethine Imines Containing a 1,2,4-Triazine Ring. <i>European Journal of Organic Chemistry</i> , 2005, 2005, 3553-3561. | 2.4 | 9 |

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|----|--|-----|-----------|
| 37 | Reactions of Levulinic Acid with Norbornane/ene Amino Acids and Diamines. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 1318-1322. | 2.4 | 8 |
| 38 | Copper(ii) complexes of amino acid derivatives of the bis(imidazol-2-yl)methyl residue. <i>New Journal of Chemistry</i> , 2004, 28, 727-734. | 2.8 | 8 |
| 39 | Study on medium ring heterocycles: synthesis and structure of novel condensed pyrazolo[1,4]diazocinones including single enantiomers. <i>Tetrahedron</i> , 2011, 67, 2979-2990. | 1.9 | 8 |
| 40 | Chelate Structure of a Dirhodium-Amino Acid Complex Identified by Chiroptical and NMR Spectroscopy. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 3020-3027. | 2.0 | 8 |
| 41 | Selectivity of methylation of some new [1,2,3]triazolo[4,5-d]pyridazines and structure elucidation by ^1H - ^{15}N NMR spectroscopy. <i>Journal of Molecular Structure</i> , 2002, 616, 73-78. | 3.6 | 7 |
| 42 | Macrocyclic Double Ferrocenes, Their Stereostructure, and an IR and NMR Spectroscopic, X-ray Crystallographic, and Conformational and Dynamic Investigation. <i>European Journal of Organic Chemistry</i> , 2005, 2005, 1659-1664. | 2.4 | 6 |
| 43 | An unexpected isomerization of 1,3-benzothiazine and isoquinoline-condensed β -lactams. <i>Journal of Molecular Structure</i> , 2010, 983, 54-61. | 3.6 | 6 |
| 44 | Regio- and Stereoselective Synthesis of Bicyclic Limonene-Based Chiral Aminodiols and Spirooxazolidines. <i>Chemistry - A European Journal</i> , 2018, 24, 13607-13615. | 3.3 | 6 |
| 45 | Synthetic- and DFT modelling studies on regioselective modified Mannich reactions of hydroxy-KYNA derivatives. <i>RSC Advances</i> , 2021, 11, 543-554. | 3.6 | 6 |
| 46 | Synthesis and Stereostructure of Saturated Isoindolone-Fused Hetero Tri-, Tetra-, and Pentacyclic Compounds. <i>Monatshefte für Chemie</i> , 2004, 135, 1519-1527. | 1.8 | 5 |
| 47 | Novel Crizotinib-GnRH conjugates revealed the significance of lysosomal trapping in GnRH-based drug delivery systems. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5590. | 4.1 | 5 |
| 48 | 2,3-Dihydroferroceno[3,4]pyrrolo[2,1-b]thiazol-5(8b)-ones: Synthesis, Structure and DFT Study on the Mechanism of Chemo- and Diastereoselective Annulations of (Sp)-2-Formylferrocenecarbonyl Fluoride and (Sp)-2-Formylferrocenecarboxylic Acid. <i>Molecules</i> , 2021, 26, 1420. | 3.8 | 5 |
| 49 | Substituent-dependent asymmetric induction in the ring transformation of 2,3-dihydroimidazo[2,1-a]phthalazin-4-ium-6-olates effected by acetic and propionic anhydrides. <i>Tetrahedron</i> , 1997, 53, 7021-7034. | 1.9 | 4 |
| 50 | Preparative and theoretical study on chain length-dependence and substrate selectivity in the cycloalkylation of condensed [1,2,4]triazolo[4,3-b]pyridazine-6(5H)-one-3(2H)-thiones. <i>Tetrahedron</i> , 2002, 58, 8963-8972. | 1.9 | 4 |
| 51 | Alkyloximes and Imines via Silyl Carbamates. <i>Synthetic Communications</i> , 2011, 41, 914-924. | 2.1 | 4 |
| 52 | 2-Arylidenerroceno[e]cyclohexanones and related 3-aryl-3a,4,5-tetrahydroferroceno[g]indazoles: Synthesis, NMR-, DFT- and X-ray analysis. <i>Journal of Organometallic Chemistry</i> , 2013, 726, 79-87. | 1.8 | 4 |
| 53 | Investigation of the Antitumor Effects of Tamoxifen and Its Ferrocene-Linked Derivatives on Pancreatic and Breast Cancer Cell Lines. <i>Pharmaceuticals</i> , 2022, 15, 314. | 3.8 | 4 |
| 54 | Reduction and N-Alkylation of β -Methylene-indolines with Sodium Cyanoborohydride in Carboxylic Acids. <i>Synthetic Communications</i> , 1994, 24, 701-707. | 2.1 | 3 |

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|----|---|-----|-----------|
| 55 | Preparation of Hydroxy-Substituted Hexahydrophthalazinones from Cyclohexane- and Norbornanelactones or Ketallactones. <i>Monatshefte für Chemie</i> , 2002, 133, 241-248. | 1.8 | 3 |
| 56 | Synthesis, Structural Elucidation, Cyclic Voltammetry, and Theoretical Modelling of 2-ferrocenyl-4-benzothiazines and 2-aryl-4-ferrocenyl-1,3-thiazines. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 511-520. | | 3 |
| 57 | Synthesis, structure and <i>in vitro</i> antiproliferative effects of alkyne-linked 1,2,4-thiadiazole hybrids including erlotinib- and ferrocene-containing derivatives. <i>RSC Advances</i> , 2021, 11, 28685-28697. | 3.6 | 3 |
| 58 | The Synergistic Activity of Bortezomib and TIC10 against A2058 Melanoma Cells. <i>Pharmaceuticals</i> , 2021, 14, 820. | 3.8 | 3 |
| 59 | One-step ring-closure procedure for 4,5-dihydro-1,3-thiazino[5,4-b]indole derivatives with Lawesson's reagent. The fifth dihydro-1,3-thiazino[5,4-b]indole isomer. <i>Journal of Heterocyclic Chemistry</i> , 2011, 48, 1079-1084. | 2.6 | 2 |
| 60 | Stereoselective Synthesis and Applications of Pinane-Based Chiral 1,4-Amino Alcohol Derivatives. <i>Synthesis</i> , 2022, 54, 3831-3844. | 2.3 | 2 |
| 61 | Synthesis and Antiproliferative Activity of Novel Imipridone-Ferrocene Hybrids with Triazole and Alkyne Linkers. <i>Pharmaceuticals</i> , 2022, 15, 468. | 3.8 | 2 |
| 62 | Hydrogen-Bonding Network Anchors the Cyclic Form of Sugar Arylhydrazones. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 3419-3426. | 2.4 | 1 |
| 63 | Novel Polycondensed Partly Saturated \hat{I}^2 -Carbolines Including Ferrocene Derivatives: Synthesis, DFT-Supported Structural Analysis, Mechanism of Some Diastereoselective Transformations and a Preliminary Study of their <i>In Vitro</i> Antiproliferative Effects. <i>Molecules</i> , 2020, 25, 1599. | 3.8 | 1 |
| 64 | Synthetic and DFT Modeling Studies on Suzuki-Miyaura Reactions of 4,5-Dibromo-2-methylpyridazin-3(2H)-one with Ferrocene Boronates, Accompanied by Hydrodebromination and a Novel Bridge-Forming Annulation <i>In Vitro</i> Cytotoxic Activity of the Ferrocenyl-Pyridazinone Products. <i>Catalysts</i> , 2022, 12, 578. | 3.5 | 0 |