

Antal Csmpai

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8190051/publications.pdf>

Version: 2024-02-01

64
papers

1,851
citations

430874

18
h-index

265206

42
g-index

66
all docs

66
docs citations

66
times ranked

2093
citing authors

#	ARTICLE	IF	CITATIONS
1	Stereoselective Synthesis and Applications of Pinane-Based Chiral 1,4-Amino Alcohol Derivatives. <i>Synthesis</i> , 2022, 54, 3831-3844.	2.3	2
2	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
3	Synthesis and Antiproliferative Activity of Novel Imipridone-Ferrocene Hybrids with Triazole and Alkyne Linkers. <i>Pharmaceuticals</i> , 2022, 15, 468.	3.8	2
4	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 In Vitro Cytotoxic Activity of the Ferrocenyl-Pyridazinone Products. <i>Catalysts</i> , 2022, 12, 578.	3.5	0
5	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
6	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
7	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
8	The Synergistic Activity of Bortezomib and TIC10 against A2058 Melanoma Cells. <i>Pharmaceuticals</i> , 2021, 14, 820.	3.8	3
9	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
10	Synthesis of New C-3 Substituted Kynurenic Acid Derivatives. <i>Molecules</i> , 2020, 25, 937.	3.8	12
11	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 In Vitro Antiproliferative Effects. <i>Molecules</i> , 2020, 25, 1599.	3.8	1
12	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
13	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
14	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
15	Ferrocene-Containing Imipridone (ONC201) Hybrids: Synthesis, DFT Modelling, In Vitro Evaluation, and Structure-Activity Relationships. <i>Molecules</i> , 2018, 23, 2248.	3.8	11
16	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
17	Green tea polyphenol tailors cell adhesivity of RGD displaying surfaces: multicomponent models monitored optically. <i>Scientific Reports</i> , 2017, 7, 42220.	3.3	46
18	Synthesis, Structural Elucidation, Cyclic Voltammetry, and Theoretical Modelling of 2-Ferrocenyl-4-hydroxybenzo[1,3]thiazines and 2-Aryl-4-hydroxyferroceno[1,3]thiazines. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 511-520.		3

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	Hydrogen Bonding Network Anchors the Cyclic Form of Sugar Arylhydrazones. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 3419-3426.	2.4	1
22	Stereoselective synthesis and application of tridentate aminodiols derived from (+)-pulegone. <i>Tetrahedron: Asymmetry</i> , 2016, 27, 480-486.	1.8	14
23	Thiourea Derivatives as Brønsted Acid Organocatalysts. <i>ACS Catalysis</i> , 2016, 6, 4379-4387.	11.2	74
24	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
25	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
26	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
27	Electrochemical and Photometric Detection of Plasmin by Specific Peptide Substrate. <i>Electroanalysis</i> , 2015, 27, 789-798.	2.9	16
28	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
29	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
30	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
31	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
32	2-Arylideneferroceno[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
33	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
34	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
35	Acylated 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
36	Alkyloximes and Imines via Silyl Carbamates. <i>Synthetic Communications</i> , 2011, 41, 914-924.	2.1	4

#	ARTICLE	IF	CITATIONS
37	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
38	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
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	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
41	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
42	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
43	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
44	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
45	(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
46	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
47	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
48	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
49	Highly Enantioselective Conjugate Addition of Nitromethane to Chalcones Using Bifunctional Cinchona Organocatalysts. <i>Organic Letters</i> , 2005, 7, 1967-1969.	4.6	959
50	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
51	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
52	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
53	Ethyl- β -(Triphenylphosphoranylidene)amino- β -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
54	Reactions of Levulinic Acid with Norbornene/Amino Acids and Diamines. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 1318-1322.	2.4	8

#	ARTICLE	IF	CITATIONS
55	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
56	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
57	Preparation of Hydroxy-Substituted Hexahydrophthalazinones from Cyclohexane- and Norbornanelactones or Ketallactones. <i>Monatshefte für Chemie</i> , 2002, 133, 241-248.	1.8	3
58	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
59	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
60	Structure and mechanism of hydrolysis of diaryl(acylamino)(chloro)- β -4-sulfanes and diaryl(acylamino)sulfonium salts. <i>Perkin Transactions II RSC</i> , 2001, , 339-349.	1.1	21
61	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
62	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
63	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
64	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