Milan Pour

List of Publications by Year
in descending order

84 papers	2,119 citations	257101 24 h-index	264894 42 g-index
106 all docs	106 docs citations	106 times ranked	2842 citing authors

#	Article	IF	Citations
1	Quinazoline derivatives with antitubercular activity. Il Farmaco, 2000, 55, 725-729.	0.9	197
2	Reactive oxygen and nitrogen species in normal physiological processes. Acta Physiologica, 2010, 198, 15-35.	1.8	114
3	Synthesis and preliminary evaluation of benzimidazole derivatives as antimicrobial agents. European Journal of Medicinal Chemistry, 2002, 37, 409-418.	2.6	103
4	3-Phenyl-5-acyloxymethyl-2H,5H-furan-2-ones:â€‰ Synthesis and Biological Activity of a Novel Group of Potential Antifungal Drugs. Journal of Medicinal Chemistry, 2001, 44, 2701-2706.	2.9	71
5	Synthesis of Amaryllidaceae Constituents and Unnatural Derivatives. Angewandte Chemie - International Edition, 2016, 55, 5642-5691.	7.2	71
6	New pyridine derivatives as potential antimicrobial agents. Il Farmaco, 1999, 54, 666-672.	0.9	64
7	Synthesis and structureâ€“antifungal activity Relationships of 3-Aryl-5-alkyl-2,5-dihydrofuran-2-ones and Their Carbanalogues: further refinement of tentative pharmacophore group. Bioorganic and Medicinal Chemistry, 2003, 11, 2843-2866.	1.4	64
8	Identification and Characterization of Thiosemicarbazones with Antifungal and Antitumor Effects: Cellular Iron Chelation Mediating Cytotoxic Activity. Chemical Research in Toxicology, 2008, 21, 1878-1889.	1.7	62
9	High-performance liquid chromatographic determination of tramadol and its O-desmethylated metabolite in blood plasma. Journal of Chromatography A, 2002, 949, 11-22.	1.8	56
10	Regulating Bioactivity of Cu²⁺ Bis-1,10-phenanthroline Artificial Metallonucleases with Sterically Functionalized Pendant Carboxylates. Journal of Medicinal Chemistry, 2013, 56, 8599-8615.	2.9	55
11	Azole Antimycotics Differentially Affect Rifampicin-Induced Pregnane X Receptor-Mediated CYP3A4 Gene Expression. Drug Metabolism and Disposition, 2008, 36, 339-348.	1.7	54
12	Relationship between the Structure and Antimycobacterial Activity of Substituted Salicylanilides. Archiv Der Pharmazie, 2003, 336, 53-71.	2.1	53
13	Stereo- and regiocontrol of electrophilic additions to cyclohexene systems by neighboring groups. Competition of electronic and stereoelectronic effects and comparison of the reactivity of selected electrophiles. Journal of Organic Chemistry, 1990, 55, 5580-5589.	1.7	51
14	Tetrabutylammonium prolinate-based ionic liquids: a combined asymmetric catalysis, antimicrobial toxicity and biodegradation assessment. RSC Advances, 2013, 3, 26241.	1.7	47
15	3-Phenyl-5-methyl-2H,5H-furan-2-ones: tuning antifungal activity by varying substituents on the phenyl ring. Bioorganic and Medicinal Chemistry Letters, 2000, 10, 1893-1895.	1.0	41
16	Direct Câ^'H Arylation and Alkenylation of 1-Substituted Tetrazoles: Phosphine As Stabilizing Factor. Journal of Organic Chemistry, 2010, 75, 241-244.	1.7	41
17	A selective procedure for Î±-alkenylation of enones involving Pd-catalyzed alkenyl-alkenyl coupling and its application to a convergent and efficient synthesis of nakienone B. Tetrahedron Letters, 1996, 37, 4679-4682.	0.7	40
18	An efficient and selective synthesis of nakienone A involving a novel protocol for Î±-alkenylation of ketones via palladium-catalyzed alkenyl-alkenyl coupling. Tetrahedron Letters, 1997, 38, 525-528.	0.7	38

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19	Corner opening of cyclopropanes by mercury(II) and thallium(III) and transmetalation of the intermediate organomercurials. A novel, stereoselective approach to cyclobutanes and cyclopropanes. Journal of the American Chemical Society, 1994, 116, 186-197.	6.6	36
20	Comparative biotransformation and disposition studies of nabumetone in humans and minipigs using high-performance liquid chromatography with ultraviolet, fluorescence and mass spectrometric detection. Journal of Pharmaceutical and Biomedical Analysis, 2003, 32, 641-656.	1.4	36
21	High-performance liquid chromatographic determination of ursodeoxycholic acid after solid phase extraction of blood serum and detection-oriented derivatization. Journal of Pharmaceutical and Biomedical Analysis, 2001, 24, 937-946.	1.4	30
22	Strictly regio- and stereo-controlled Î±-alkenylation of bicyclic enone derivatives via palladium-catalyzed cross coupling and its application to a formal synthesis of (Â±)-carbacyclin. Tetrahedron, 1998, 54, 7057-7074.	1.0	29
23	Synthesis and Structure Determination of Gibberellin-Derived Antheridiogens From Fern Gametophytes of the Lygodium Genus. Australian Journal of Chemistry, 1995, 48, 427.	0.5	28
24	Antimycobacterial and Antifungal Isosters of Salicylamides. Archiv Der Pharmazie, 2003, 336, 322-335.	2.1	26
25	Antifungal 3,5-disubstituted furanones: From 5-acyloxymethyl to 5-alkylidene derivatives. Bioorganic and Medicinal Chemistry, 2010, 18, 1988-2000.	1.4	24
26	3,5-Disubstituted pyranone analogues of highly antifungally active furanones: Conversion of biological effect from antifungal to cytostatic. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 7358-7360.	1.0	23
27	Synthesis and Antimicrobial Activity of New 4-(Benzylsulfanyl)pyridine Derivatives. Collection of Czechoslovak Chemical Communications, 1999, 64, 417-434.	1.0	22
28	Investigation of the metabolism of monepantel in ovine hepatocytes by UHPLC/MS/MS. Analytical and Bioanalytical Chemistry, 2013, 405, 1705-1712.	1.9	22
29	Synthesis and biological activity of 5-alkyl-6-(alkylsulfanyl)- or 5-alkyl-6-(arylsulfanyl)pyrazine-2-carboxamides and corresponding thioamides. Il Farmaco, 2002, 57, 71-78.	0.9	21
30	Salicylanilide esterification: unexpected formation of novel seven-membered rings. Tetrahedron Letters, 2006, 47, 5007-5011.	0.7	21
31	Carbonylative lactonization via carbonyl oxygen attack: a short and selective total synthesis of uncinine and its analogues. Tetrahedron Letters, 2005, 46, 8137-8140.	0.7	20
32	Synthesis and Biological Evaluation of (E)-3-(Nitrophenyl)-1-(pyrazin-2-yl)prop-2-en-1-ones. Collection of Czechoslovak Chemical Communications, 2006, 71, 44-58.	1.0	20
33	Analytical power of LLEâ€“HPLCâ€“PDAâ€“MS/MS in drug metabolism studies: Identification of new nabumetone metabolites. Journal of Pharmaceutical and Biomedical Analysis, 2013, 80, 164-172.	1.4	20
34	Testing the Pharmacokinetic Interactions of 24 Colonic Flavonoid Metabolites with Human Serum Albumin and Cytochrome P450 Enzymes. Biomolecules, 2020, 10, 409.	1.8	20
35	A new class of prophylactic metallo-antibiotic possessing potent anti-cancer and anti-microbial properties. Dalton Transactions, 2019, 48, 8578-8593.	1.6	19
36	Corner attack on cyclopropane by thallium(III) ions. A highly stereospecific cleavage and skeletal rearrangement of 3.alpha.,5-cyclo-5.alpha.-cholestan-6.alpha.-ol. Journal of the American Chemical Society, 1990, 112, 6735-6737.	6.6	18

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37	Synthesis and Antifungal Activity Evaluation of 3-Hetaryl-2,5-dihydrofuran-2-ones. An Unusual Fragmentation of the Oxazole Ring via 2,3-Selenoxide Shift. Collection of Czechoslovak Chemical Communications, 2001, 66, 1809-1830.	1.0	18
38	In Vitro Activities of 3-(Halogenated Phenyl)-5-Acyloxymethyl- 2,5-Dihydrofuran-2-ones against Common and Emerging Yeasts and Molds. Antimicrobial Agents and Chemotherapy, 2004, 48, 873-878.	1.4	18
39	TFP as a ligand in Au(i)-catalyzed dihydropyran synthesis. Unprecedented rearrangement of dihydropyrans into cyclopentenones. Chemical Communications, 2011, 47, 9390.	2.2	18
40	Fully Substituted Pyranones via Quasi-Heterogeneous Genuinely Ligand-Free Migitaâ€“Stille Coupling of Iodoacrylates. Organic Letters, 2015, 17, 520-523.	2.4	18
41	2-(3-Methoxyphenyl)quinazoline Derivatives: A New Class of Direct Constitutive Androstane Receptor (CAR) Agonists. Journal of Medicinal Chemistry, 2016, 59, 4601-4610.	2.9	18
42	Substrate Control in the Gold(I)â€Catalyzed Cyclization of Î²â€‹Propargylamino Acrylic Esters and Further Transformations of the Resultant Dihydropyridines. Advanced Synthesis and Catalysis, 2016, 358, 2912-2922.	2.1	18
43	The unambiguous synthesis and NMR assignment of 4-alkoxy and 3-alkylquinazolines. Tetrahedron, 2013, 69, 1705-1711.	1.0	17
44	Identification of Gibberellins and 9,15-Cyclogibberellins in Developing Apple Seeds. Bioscience, Biotechnology and Biochemistry, 1996, 60, 305-308.	0.6	16
45	Investigation of the mechanism of action of 3-(4-bromophenyl)-5-acyloxymethyl-2,5-dihydrofuran-2-one against Candida albicans by flow cytometry. Bioorganic and Medicinal Chemistry Letters, 2006, 16, 2492-2495.	1.0	16
46	New Hydrophobicity Constants of Substituents in Pyrazine Rings Derived from RP-HPLC Study. Collection of Czechoslovak Chemical Communications, 2008, 73, 1-18.	1.0	16
47	Antifungal activity of a thiophene polyine from Leuzea carthamoides. FÃ¬toterapÃ¬Ã¢, 2003, 74, 288-290.	1.1	14
48	Neighboring Group Effect in Pd-Catalyzed Carbonylation Terminated by Lactonization:Â A Need for a Protective Group and/or DMFâ€. Journal of Organic Chemistry, 2004, 69, 6761-6765.	1.7	14
49	Novel bronchodilatory quinazolines and quinoxalines: Synthesis and biological evaluation. European Journal of Medicinal Chemistry, 2014, 74, 65-72.	2.6	14
50	Enantioselective Construction of Spirooxindole-Fused Cyclopentanes. Journal of Organic Chemistry, 2021, 86, 12623-12643.	1.7	13
51	Chemical Properties and Biological Activities of Cyclopentenediones: A Review. Mini-Reviews in Medicinal Chemistry, 2014, 14, 322-331.	1.1	13
52	Reductive Amination Revisited: Reduction of Aldimines with Trichlorosilane Catalyzed by Dimethylformamideâ”€Functional Group Tolerance, Scope, and Limitations. Journal of Organic Chemistry, 2022, 87, 920-943.	1.7	13
53	Disposition study of a new potential antineoplastic agent dimefluron in rats using high-performance liquid chromatography with ultraviolet and mass spectrometric detection. Journal of Pharmaceutical and Biomedical Analysis, 2005, 37, 1059-1071.	1.4	12
54	Recent advances in the transition-metal catalyzed synthesis of multisubstituted pentenolides and related pyranones. Tetrahedron Letters, 2017, 58, 263-270.	0.7	12

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55	On the relationship between the substitution pattern of thiobenzanilides and their antimycobacterial activity. Il Farmaco, 2002, 57, 777-782.	0.9	11
56	A Short Entry to Î±-Substituted Î³-Alkylidene Pentenolides. Synthesis and Preliminary Biological Evaluation of Novel Gelastatin Analogues. Journal of Organic Chemistry, 2009, 74, 703-709.	1.7	11
57	Synthesis and biological activity of desmethoxy analogues of coruscanone A. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 6062-6066.	1.0	11
58	Tandem ionic liquid antimicrobial toxicity and asymmetric catalysis study: carbonyl-ene reactions with trifluoropyruvate. Green Chemistry, 2013, 15, 2727.	4.6	11
59	Methodology for Synthesis of Enantiopure 3,5â€Disubstituted Pyrrolâ€2â€ones. European Journal of Organic Chemistry, 2015, 2015, 5414-5423.	1.2	11
60	Synthese von Inhaltsstoffen der AmaryllisgewÃchse und nichtnatÃ¼rlichen Derivaten. Angewandte Chemie, 2016, 128, 5732-5784.	1.6	11
61	Applicability of the OECD 455 in-vitro assay for determination of hERa agonistic activity of isoflavonoids. Toxicology and Applied Pharmacology, 2020, 386, 114831.	1.3	10
62	Metabolic profiling of a potential antifungal drug, 3-(4-bromophenyl)-5-acetoxymethyl-2,5-dihydrofuran-2-one, in mouse urine using high-performance liquid chromatography with UV photodiode-array and mass spectrometric detection. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2007, 853, 10-19.	1.2	9
63	Interaction of 2,6,7-Trihydroxy-Xanthene-3-Ones with Iron and Copper, and Biological Effect of the Most Active Derivative on Breast Cancer Cells and Erythrocytes. Applied Sciences (Switzerland), 2020, 10, 4846.	1.3	9
64	Pentenolide Analogues of Antifungal Butenolides: Strategies Towards 3,6-Disubstituted Pyranones and Unexpected Loss of Biological Effect. Collection of Czechoslovak Chemical Communications, 2007, 72, 1472-1498.	1.0	8
65	The permselective layer prepared onto carbon and gold surfaces by electropolymerization of phenolic cyclopentenedione-nostotrebin 6. Electrochemistry Communications, 2014, 38, 53-56.	2.3	8
66	Synthesis of New 9,15-Cyclogibberellins from Developing Apple Seeds: Confirmation of Structure for GA105 and GA108. Australian Journal of Chemistry, 1997, 50, 289.	0.5	8
67	Synthetics and structural studies on novel gibberellins. Pure and Applied Chemistry, 1998, 70, 351-354.	0.9	7
68	Structure Elucidation and Cholinesterase Inhibition Activity of Two New Minor Amaryllidaceae Alkaloids. Molecules, 2021, 26, 1279.	1.7	7
69	Cytostatic tetrazoleâ€“butenolide conjugates: linking tetrazole and butenolide rings via stille coupling and biological activity of the target substances. Collection of Czechoslovak Chemical Communications, 2009, 74, 1161-1178.	1.0	6
70	Mono and dihydroxy coumarin derivatives: Copper chelation and reduction ability. Journal of Trace Elements in Medicine and Biology, 2018, 46, 88-95.	1.5	6
71	Synthesis of 3,12-dihydroxy 9,15-cyclogibberellins. Tetrahedron, 1998, 54, 13833-13850.	1.0	5
72	Analytical Monitoring of Trinitrotoluene Metabolites in Urine by GC-MS. Part I. Semiquantitative Determination of 4-Amino-2,6-dinitrotoluene in Human Urine. Journal of Analytical Toxicology, 2005, 29, 62-65.	1.7	5

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73	Nucleophile-assisted cyclization of Î²-propargylamino acrylic compounds catalyzed by gold(<scp>i</scp>): a rapid construction of multisubstituted tetrahydropyridines and their fused derivatives. Organic Chemistry Frontiers, 2020, 7, 3356-3367.	2.3	5
74	Synthesis of 12-hydroxy 9,15-cyclogibberellins. Tetrahedron Letters, 1998, 39, 1991-1994.	0.7	4
75	Evaluation ofin Vitro antifungal activity ofN-Benzylsalicylamide derivatives. Folia Microbiologica, 2003, 48, 346-350.	1.1	4
76	Total Synthesis of Coibacinâ€…D by Using Enantioselective Allylation and Metathesis Reactions. Asian Journal of Organic Chemistry, 2016, 5, 646-651.	1.3	4
77	Reaction Outcome Critically Dependent on the Method of Workup: An Example from the Synthesis of 1-Isoquinolones. Journal of Organic Chemistry, 2021, 86, 8078-8088.	1.7	4
78	The influence of microbial isoflavonoid specific metabolites on platelets and transition metals iron and copper. Phytomedicine, 2019, 62, 152974.	2.3	3
79	Extension of the Library of Biologically Active Î³-Alkylidene Butenolides. Synthesis, 2008, 2008, 3465-3472.	1.2	2
80	Berbanine: A New Isoquinoline-Isoquinolone Alkaloid from Berberis Vulgaris (Berberidaceae). Natural Product Communications, 2013, 8, 1934578X1300800.	0.2	2
81	A New Insight into the Stereoelectronic Control of the Pd 0 â€Catalyzed Allylic Substitution: Application for the Synthesis of Multisubstituted Pyranâ€2â€ones via an Unusual 1,3â€Transposition. Chemistry - A European Journal, 2019, 25, 8053-8060.	1.7	2
82	Antimycobacterial and Antifungal Isosters of Salicylamides.. ChemInform, 2003, 34, no.	0.1	0
83	T-Cadinol Nerolidol Ether from Schisandra Chinensis. Natural Product Communications, 2008, 3, 1934578X0800300.	0.2	0
84	Novel Derivatives of Benfluron and Dimefluron Synthesis and Anticancer activity. Letters in Drug Design and Discovery, 2015, 12, 787-801.	0.4	0