JirÌ‚Ã- KuneÅ›

List of Publications by Year
in descending order

157 papers	3,127 citations	172457 29 h-index	243625 44 g-index
177 all docs	177 docs citations	177 times ranked	3573 citing authors

#	Article	IF	Citations
1	Quinazoline derivatives with antitubercular activity. Il Farmaco, 2000, 55, 725-729.	0.9	197
2	Influence of the replacement of the oxo function with the thioxo group on the antimycobacterial activity of 3-aryl-6,8-dichloro-2H-1,3-benzoxazine-2,4(3H)-diones and 3-arylquinazoline-2,4(1H,3H)-diones. Il Farmaco, 2001, 56, 803-807.	0.9	129
3	Synthesis and antimicrobial evaluation of new 2-substituted 5,7-di-tert-butylbenzoxazoles. Bioorganic and Medicinal Chemistry, 2006, 14, 5850-5865.	3.0	100
4	New groups of antimycobacterial agents: 6-chloro-3-phenyl-4-thioxo-2H-1,3-benzoxazine-2(3H)-ones and 6-chloro-3-phenyl-2H-1,3-benzoxazine-2,4(3H)-dithiones. European Journal of Medicinal Chemistry, 2000, 35, 733-741.	5.5	72
5	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.	3.0	64
6	Identification and Characterization of Thiosemicarbazones with Antifungal and Antitumor Effects: Cellular Iron Chelation Mediating Cytotoxic Activity. Chemical Research in Toxicology, 2008, 21, 1878-1889.	3.3	62
7	Synthesis and antimycobacterial evaluation of substituted pyrazinecarboxamides. European Journal of Medicinal Chemistry, 2008, 43, 1105-1113.	5.5	61
8	High-performance liquid chromatographic determination of tramadol and its O-desmethylated metabolite in blood plasma. Journal of Chromatography A, 2002, 949, 11-22.	3.7	56
9	Isoquinoline Alkaloids from Berberis vulgaris as Potential Lead Compounds for the Treatment of Alzheimerâ€™s Disease. Journal of Natural Products, 2019, 82, 239-248.	3.0	55
10	Azole Antimycotics Differentially Affect Rifampicin-Induced Pregnane X Receptor-Mediated CYP3A4 Gene Expression. Drug Metabolism and Disposition, 2008, 36, 339-348.	3.3	54
11	Relationship between the Structure and Antimycobacterial Activity of Substituted Salicylanilides. Archiv Der Pharmazie, 2003, 336, 53-71.	4.1	53
12	Quinaldine Derivatives: Preparation and Biological Activity. Medicinal Chemistry, 2005, 1, 591-599.	1.5	53
13	Rhodanineacetic Acid Derivatives as Potential Drugs: Preparation, Hydrophobic Properties and Antifungal Activity of (5-Arylalkylidene-4-oxo-2-thioxo-1,3-thiazolidin-3-yl)acetic Acids. Molecules, 2009, 14, 4197-4212.	3.8	44
14	Substituted Amides of Pyrazine-2-carboxylic acids: Synthesis and Biological Activity. Molecules, 2002, 7, 363-373.	3.8	43
15	Amaryllidaceae alkaloids from Narcissus pseudonarcissus L. cv. Dutch Master as potential drugs in treatment of Alzheimer's disease. Phytochemistry, 2019, 165, 112055.	2.9	43
16	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.	2.2	41
17	Direct Câ^'H Arylation and Alkenylation of 1-Substituted Tetrazoles: Phosphine As Stabilizing Factor. Journal of Organic Chemistry, 2010, 75, 241-244.	3.2	41
18	Alkaloids from Zephyranthes robusta <scp>Baker</scp> and Their Acetylcholinesteraseâ€•and Butyrylcholinesteraseâ€Inhibitory Activity. Chemistry and Biodiversity, 2013, 10, 1120-1127.	2.1	40

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19	Selfâ€Assembled Azaphthalocyanine Dimers with Higher Fluorescence and Singlet Oxygen Quantum Yields than the Corresponding Monomers. European Journal of Organic Chemistry, 2008, 2008, 3260-3263.	2.4	38
20	A Note on the Antitubercular Activities of 1-Aryl-5-benzylsulfanyltetrazoles. Archiv Der Pharmazie, 2005, 338, 385-389.	4.1	37
21	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.	2.8	36
22	Synthesis, Antimycobacterial, Antifungal and Photosynthesis-Inhibiting Activity of Chlorinated N-phenylpyrazine-2-carboxamides â€. Molecules, 2010, 15, 8567-8581.	3.8	36
23	Alkaloids from Narcissus poeticus cv. Pink Parasol of various structural types and their biological activity. Archives of Pharmacal Research, 2018, 41, 208-218.	6.3	35
24	Highly active antimycobacterial derivatives of benzoxazine. Bioorganic and Medicinal Chemistry, 2010, 18, 8178-8187.	3.0	34
25	Cytotoxic activities of Amaryllidaceae alkaloids against gastrointestinal cancer cells. Phytochemistry Letters, 2015, 13, 394-398.	1.2	34
26	The Oriented Development of Antituberculotics: Salicylanilides. Archiv Der Pharmazie, 2006, 339, 616-620.	4.1	33
27	Novel Pyrazine Analogs of Chalcones: Synthesis and Evaluation of Their Antifungal and Antimycobacterial Activity. Molecules, 2015, 20, 1104-1117.	3.8	32
28	Synthesis and antimycobacterial properties of N-substituted 6-amino-5-cyanopyrazine-2-carboxamides. Bioorganic and Medicinal Chemistry, 2011, 19, 1471-1476.	3.0	31
29	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.	2.8	30
30	Isoquinoline Alkaloids from Fumaria officinalis L. and Their Biological Activities Related to Alzheimer's Disease. Chemistry and Biodiversity, 2016, 13, 91-99.	2.1	30
31	Novel Halogenated Pyrazine-Based Chalcones as Potential Antimicrobial Drugs. Molecules, 2016, 21, 1421.	3.8	28
32	Antimycobacterial and Antifungal Isosters of Salicylamides. Archiv Der Pharmazie, 2003, 336, 322-335.	4.1	26
33	Synthesis, Antimycobacterial Activity and In Vitro Cytotoxicity of 5-Chloro-N-phenylpyrazine-2-carboxamides. Molecules, 2013, 18, 14807-14825.	3.8	26
34	Scalable Synthesis of Human Ultralong Chain Ceramides. Organic Letters, 2015, 17, 5456-5459.	4.6	26
35	Scoulerine affects microtubule structure, inhibits proliferation, arrests cell cycle and thus culminates in the apoptotic death of cancer cells. Scientific Reports, 2018, 8, 4829.	3.3	26
36	Substituted N-Phenylpyrazine-2-carboxamides: Synthesis and Antimycobacterial Evaluation. Molecules, 2009, 14, 4180-4189.	3.8	25

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37	Antifungal 3,5-disubstituted furanones: From 5-acyloxymethyl to 5-alkylidene derivatives. Bioorganic and Medicinal Chemistry, 2010, 18, 1988-2000.	3.0	24
38	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.	2.2	23
39	Isolation of Amaryllidaceae alkaloids from Nerine bowdenii W. Watson and their biological activities. RSC Advances, 2016, 6, 80114-80120.	3.6	23
40	Acetylcholinesterase and butyrylcholinesterase inhibitory compounds from Eschscholzia californica (Papaveraceae). Natural Product Communications, 2010, 5, 1035-8.	0.5	23
41	Synthesis and antimycobacterial evaluation of N-substituted 5-chloropyrazine-2-carboxamides. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 3589-3591.	2.2	22
42	Alkylamino derivatives of pyrazinamide: Synthesis and antimycobacterial evaluation. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 450-453.	2.2	22
43	Polynuclear Magnetic Resonance of Substituted Thiobenzanilides and Benzanilides: Transmission of Substituent Effects through the Thiocarboxamide Group. Magnetic Resonance in Chemistry, 1997, 35, 543-548.	1.9	21
44	Relationships Between the Chemical Structure of Substances and Their Antimycobacterial Activity Against Atypical Strains. Part 18. 3-Phenyl-2H-1,3-benzoxazine-2,4(3H)-diones and Isosteric 3-Phenylquinazoline-2,4(1H,3H)-diones. Collection of Czechoslovak Chemical Communications, 1999, 64, 1902-1924.	1.0	21
45	Salicylanilide esterification: unexpected formation of novel seven-membered rings. Tetrahedron Letters, 2006, 47, 5007-5011.	1.4	21
46	Evaluation of natural antioxidants of Leuzea carthamoides as a result of a screening study of 88 plant extracts from the European Asteraceae and Cichoriaceae. Journal of Enzyme Inhibition and Medicinal Chemistry, 2008, 23, 218-224.	5.2	21
47	Evaluation of natural substances from Evolvulus alsinoides L. with the purpose of determining their antioxidant potency. Journal of Enzyme Inhibition and Medicinal Chemistry, 2008, 23, 574-578.	5.2	21
48	A note to the biological activity of benzoxazine derivatives containing the thioxo group. European Journal of Medicinal Chemistry, 2010, 45, 2719-2725.	5.5	21
49	Synthesis and Characterization of (Z)-5-Arylmethylidene-rhodanines with Photosynthesis-Inhibiting Properties. Molecules, 2011, 16, 5207-5227.	3.8	21
50	Amaryllidaceae Alkaloids of Belladine-Type from Narcissus pseudonarcissus cv. Carlton as New Selective Inhibitors of Butyrylcholinesterase. Biomolecules, 2020, 10, 800.	4.0	21
51	Carbonylative lactonization via carbonyl oxygen attack: a short and selective total synthesis of uncinine and its analogues. Tetrahedron Letters, 2005, 46, 8137-8140.	1.4	20
52	Heterocyclic isosters of antimycobacterial salicylanilides. Il Farmaco, 2005, 60, 399-408.	0.9	20
53	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
54	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.	2.8	20

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55	Alkaloids of Zephyranthes citrina (Amaryllidaceae) and their implication to Alzheimer's disease: Isolation, structural elucidation and biological activity. Bioorganic Chemistry, 2021, 107, 104567.	4.1	20
56	Alkaloids from Chlidanthus fragrans and their acetylcholinesterase, butyrylcholinesterase and prolyl oligopeptidase activities. Natural Product Communications, 2013, 8, 1541-4.	0.5	20
57	Azaphthalocyanines with fused triazolo rings: formation of sterically stressed constitutional isomers. Chemical Communications, 2012, 48, 4326.	4.1	19
58	Cholinesterase and Prolyl Oligopeptidase Inhibitory Activities of Alkaloids from Argemone platyceras (Papaveraceae). Molecules, 2017, 22, 1181.	3.8	19
59	Aromatic Esters of the Crinane Amaryllidaceae Alkaloid Ambelline as Selective Inhibitors of Butyrylcholinesterase. Journal of Natural Products, 2020, 83, 1359-1367.	3.0	19
60	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
61	TFP as a ligand in Au(i)-catalyzed dihydropyran synthesis. Unprecedented rearrangement of dihydropyrans into cyclopentenones. Chemical Communications, 2011, 47, 9390.	4.1	18
62	Synthesis and antimycobacterial evaluation of pyrazinamide derivatives with benzylamino substitution. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 476-479.	2.2	18
63	Fully Substituted Pyranones via Quasi-Heterogeneous Genuinely Ligand-Free Migitaâ€“Stille Coupling of Iodoacrylates. Organic Letters, 2015, 17, 520-523.	4.6	18
64	2-(3-Methoxyphenyl)quinazoline Derivatives: A New Class of Direct Constitutive Androstane Receptor (CAR) Agonists. Journal of Medicinal Chemistry, 2016, 59, 4601-4610.	6.4	18
65	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.	4.3	18
66	3-Benzyl-2H-1,3-benzoxazine-2,4(3H)-diones, a new group of antimycobacterial compounds against potentially pathogenic strains. Il Farmaco, 2003, 58, 1137-1149.	0.9	17
67	A simple method for the preparation of 5-alkylsulfinyl-1-aryltetrazoles. Tetrahedron Letters, 2004, 45, 7955-7957.	1.4	17
68	Nâ€‹Benzylsalicylthioamides: Highly Active Potential Antituberculotics. Archiv Der Pharmazie, 2009, 342, 113-119.	4.1	17
69	The unambiguous synthesis and NMR assignment of 4-alkoxy and 3-alkylquinazolines. Tetrahedron, 2013, 69, 1705-1711.	1.9	17
70	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
71	Amaryllidaceae Alkaloids of Different Structural Types from Narcissus L. cv. Professor Einstein and Their Cytotoxic Activity. Plants, 2020, 9, 137.	3.5	16
72	Acetylcholinesterase and butyrylcholinesterase inhibitory compounds from Corydalis cava (Fumariaceae). Natural Product Communications, 2011, 6, 607-10.	0.5	16

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73	TRANSMISSION OF SUBSTITUENT EFFECTS THROUGH THE CARBOXAMIDE AND THIOCARBOXAMIDE GROUPS. Phosphorus, Sulfur and Silicon and the Related Elements, 1994, 97, 71-81.	1.6	15
74	Acetylcholinesterase and Butyrylcholinesterase Inhibitory Compounds from Corydalis Cava (Fumariaceae). Natural Product Communications, 2011, 6, 1934578X1100600.	0.5	15
75	Synthesis and Biological Evaluation of N-Alkyl-3-(alkylamino)-pyrazine-2-carboxamides. Molecules, 2015, 20, 8687-8711.	3.8	15
76	Design, synthesis and antimycobacterial activity of hybrid molecules combining pyrazinamide with a 4-phenylthiazol-2-amine scaffold. MedChemComm, 2018, 9, 685-696.	3.4	15
77	Revised NMR data for 9-O-demethylgalanthine: an alkaloid from Zephyranthes robusta (Amaryllidaceae) and its biological activity. Natural Product Communications, 2014, 9, 787-8.	0.5	15
78	New Groups of Potential Antituberculotics: 5-Alkylthio-1-aryltetrazoles. Collection of Czechoslovak Chemical Communications, 1996, 61, 791-798.	1.0	14
79	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.	3.2	14
80	Novel Regioselective Preparation of 5-Chloropyrazine-2-Carbonitrile from Pyrazine-2-Carboxamide and Coupling Study of Substituted Phenylsulfanylpyrazine- 2-Carboxylic Acid Derivatives. Current Organic Chemistry, 2005, 9, 49-60.	1.6	14
81	Synthesis and antimycobacterial evaluation of N-substituted 3-aminopyrazine-2,5-dicarbonitriles. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 1598-1601.	2.2	14
82	Alkaloids from Chlidanthus fragrans and their Acetylcholinesterase, Butyrylcholinesterase and Prolyl Oligopeptidase Activities. Natural Product Communications, 2013, 8, 1934578X1300801.	0.5	14
83	Novel bronchodilatory quinazolines and quinoxalines: Synthesis and biological evaluation. European Journal of Medicinal Chemistry, 2014, 74, 65-72.	5.5	14
84	N-Substituted 5-Amino-6-methylpyrazine-2,3-dicarbonitriles: Microwave-Assisted Synthesis and Biological Properties. Molecules, 2014, 19, 651-671.	3.8	13
85	Chalcones and their pyrazine analogs: synthesis, inhibition of aldose reductase, antioxidant activity, and molecular docking study. Monatshefte FÃ¼r Chemie, 2018, 149, 921-929.	1.8	13
86	Synthesis of N,Nâ€™-Diarylalkanediamides and Their Antimycobacterial and Antialgal Activity. Molecules, 2000, 5, 714-726.	3.8	12
87	Antimycobacterial N-pyridinylsalicylamides, isosters of salicylamides. Il Farmaco, 2004, 59, 615-625.	0.9	12
88	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.	2.8	12
89	Combination of the Topliss Approach with the Free-Wilson Analysis in the Study of Antimycobacterial Activityof 4-Alkylthiobenzanilides. Collection of Czechoslovak Chemical Communications, 1997, 62, 1503-1510.	1.0	11
90	On the relationship between the substitution pattern of thiobenzanilides and their antimycobacterial activity. Il Farmaco, 2002, 57, 777-782.	0.9	11

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91	Synthesis and in vitro antifungal activity of 4-substituted phenylguanidinium salts. Il Farmaco, 2004, 59, 443-450.	0.9	11
92	The Oriented Development of Antituberculotics (Part II): Halogenated 3-(4-Alkylphenyl)-1,3-benzoxazine-2,4-(3H)-diones. Archiv Der Pharmazie, 2007, 340, 264-267.	4.1	11
93	Synthesis and antifungal evaluation of hydroxy-3-phenyl-2H-1,3-benzoxazine-2,4(3H)-diones and their thioanalogs. Journal of Heterocyclic Chemistry, 2009, 46, 873-880.	2.6	11
94	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.	3.2	11
95	Synthesis and biological activity of desmethoxy analogues of coruscanone A. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 6062-6066.	2.2	11
96	Determination of muscle relaxants pancuronium and vecuronium bromide by capillary electrophoresis with capacitively coupled contactless conductivity detection. Electrophoresis, 2011, 32, 890-895.	2.4	11
97	Methodology for Synthesis of Enantiopure 3,5â€Disubstituted Pyrrolâ€2â€ones. European Journal of Organic Chemistry, 2015, 2015, 5414-5423.	2.4	11
98	Alkylamino derivatives of N-benzylpyrazine-2-carboxamide: synthesis and antimycobacterial evaluation. MedChemComm, 2015, 6, 1311-1317.	3.4	11
99	Preparation of 2-(4-{[4-(Quinolin-2-ylmethoxy)phenyl]sulfanyl}phenyl) Propionic Acid (VUFB 20615) and 2-Methyl-2-(4-{[4-(quinolin-2- ylmethoxy)Phenyl]sulfanyl}phenyl)Propionic Acid (VUFB 20623) as Potential Antileukotrienic Agents. Current Organic Chemistry, 2004, 8, 1235-1243.	1.6	10
100	Isolation and cholinesterase activity of Amaryllidaceae alkaloids from Nerine bowdenii. Natural Product Communications, 2011, 6, 1827-30.	0.5	10
101	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.	2.3	9
102	Synthesis of (2E)-2-methyl-3-(4-{[4-(quinolin-2-ylmethoxy)phenyl]sulfanyl}phenyl)prop-2-enoic acid (VUFB 20609) and 2-methyl-3-(4-{[4-(quinolin-2-ylmethoxy)phenyl]sulfanyl}phenyl)propanoic acid (VUFB) Tj ETQq0 0 0 rgBT /Overlock 1	2.4	9
103	Synthesis and Antimicrobial Evaluation of 6â€Alkylaminoâ€Nâ€phenylpyrazineâ€2â€carboxamides. Chemical Biology and Drug Design, 2015, 86, 674-681.	3.2	9
104	Predominant effect of connecting atom and position of substituents on azomethine nitrogensâ€™ basicity in phthalocyanines. Journal of Porphyrins and Phthalocyanines, 2016, 20, 1122-1133.	0.8	9
105	Design, Synthesis, Antimycobacterial Evaluation, and In Silico Studies of 3-(Phenylcarbamoyl)-pyrazine-2-carboxylic Acids. Molecules, 2017, 22, 1491.	3.8	9
106	Derivatives of 3-Aminopyrazine-2-carboxamides: Synthesis, Antimicrobial Evaluation, and in Vitro Cytotoxicity. Molecules, 2019, 24, 1212.	3.8	9
107	Functionalized aromatic esters of the Amaryllidaceae alkaloid haemanthamine and their in vitro and in silico biological activity connected to Alzheimerâ€™s disease. Bioorganic Chemistry, 2020, 100, 103928.	4.1	9
108	Alkaloids from Peumus boldus and their acetylcholinesterase, butyrylcholinesterase and prolyl oligopeptidase inhibition activity. Natural Product Communications, 2015, 10, 577-80.	0.5	9

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109	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
110	Highly Active Potential Antituberculotics: 3-(4-Alkylphenyl)-4-thioxo-2H-1,3-benzoxazine-2(3H)-ones and 3-(4-Alkylphenyl)-2H-1,3-benzoxazine-2,4(3H)-dihiones Substituted in Ring-B by Halogen. Archiv Der Pharmazie, 2008, 341, 800-803.	4.1	8
111	Analysis of Amaryllidaceae Alkaloids from Zephyranthes Robusta by GC-MS and Their Cholinesterase Activity. Natural Product Communications, 2010, 5, 1934578X1000500.	0.5	8
112	Corylucinine, a new Alkaloid from Corydalis cava (Fumariaceae), and its Cholinesterase Activity. Natural Product Communications, 2012, 7, 1934578X1200700.	0.5	8
113	Synthesis and Antifungal Screening of 2-{[1-(5-Alkyl/arylalkylpyrazin-2-yl)ethylidene]hydrazono}-1,3-thiazolidin-4-ones. Molecules, 2016, 21, 1592.	3.8	8
114	3-Substituted N-Benzylpyrazine-2-carboxamide Derivatives: Synthesis, Antimycobacterial and Antibacterial Evaluation. Molecules, 2017, 22, 495.	3.8	8
115	Correlation of structural parameters with antituberculotic activity in a group of 2-benzamidobenzothiazoles. Collection of Czechoslovak Chemical Communications, 1991, 56, 2978-2985.	1.0	7
116	Acetylcholinesterase and Butyrylcholinesterase Inhibitory Compounds from Eschscholzia californica (Papaveraceae). Natural Product Communications, 2010, 5, 1934578X1000500.	0.5	7
117	Synthesis and Biological Activity of Quaternary Ammonium Saltâ€Type Agents Containing Cholesterol and Terpenes. Archiv Der Pharmazie, 2014, 347, 381-386.	4.1	7
118	Conformations, equilibrium thermodynamics and rotational barriers of secondary thiobenzanilides. Tetrahedron, 2016, 72, 2072-2083.	1.9	7
119	Structure Elucidation and Cholinesterase Inhibition Activity of Two New Minor Amaryllidaceae Alkaloids. Molecules, 2021, 26, 1279.	3.8	7
120	Relations between Structure and Antituberculotic Activity of 4-Alkoxybenzoic Acids. Collection of Czechoslovak Chemical Communications, 1993, 58, 191-196.	1.0	7
121	New Groups of Potential Antituberculotics: Bis(1-aryltetrazol-5-yl) Disulfides. Structure Activity Relationship. Collection of Czechoslovak Chemical Communications, 1994, 59, 234-238.	1.0	7
122	Monoterpene indole alkaloids from Vinca minor L. (Apocynaceae): Identification of new structural scaffold for treatment of Alzheimer's disease. Phytochemistry, 2022, 194, 113017.	2.9	7
123	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
124	New Potentially Active Pyrazinamide Derivatives Synthesized Under Microwave Conditions. Molecules, 2014, 19, 9318-9338.	3.8	6
125	Revised NMR Data for 9-O-Demethylgalanthine: An Alkaloid from Zephyranthes robusta (Amaryllidaceae) and its Biological Activity. Natural Product Communications, 2014, 9, 1934578X1400900.	0.5	6
126	(Z)-3-Amino-5-(pyridin-2-ylmethylidene)-2-thioxo-1,3-thiazolidin-4-one. MolBank, 2015, 2015, M872.	0.5	6

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127	Alkaloids from Peumus boldus and their Acetylcholinesterase, Butyrylcholinesterase and Prolyl Oligopeptidase Inhibition Activity. Natural Product Communications, 2015, 10, 1934578X1501000.	0.5	6
128	Mono and dihydroxy coumarin derivatives: Copper chelation and reduction ability. Journal of Trace Elements in Medicine and Biology, 2018, 46, 88-95.	3.0	6
129	Synthesis of Unsymmetrical Sulfides Derived from Tetrazole-5-thiols. Chemistry of Heterocyclic Compounds, 2002, 38, 183-189.	1.2	5
130	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.	2.8	5
131	New antioxidant flavonoid isolated from Leuzea carthamoides. Journal of Enzyme Inhibition and Medicinal Chemistry, 2010, 25, 143-145.	5.2	5
132	Chemical Composition of Bioactive Alkaloid Extracts from Some Narcissus Species and Varieties and their Biological Activity. Natural Product Communications, 2014, 9, 1934578X1400900.	0.5	5
133	Non-catalyzed addition of heterocyclic thiols and 5-substituted-1H-tetrazoles to vinyl ethers. Tetrahedron Letters, 2017, 58, 3842-3845.	1.4	5
134	Design, Synthesis, and Biological Evaluation of Isothiosemicarbazones with Antimycobacterial Activity. Archiv Der Pharmazie, 2017, 350, 1700020.	4.1	5
135	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.	4.5	5
136	N-Pyrazinoyl Substituted Amino Acids as Potential Antimycobacterial Agentsâ€"the Synthesis and Biological Evaluation of Enantiomers. Molecules, 2020, 25, 1518.	3.8	5
137	Huprine Y â€“ Tryptophan heterodimers with potential implication to Alzheimerâ€™s disease treatment. Bioorganic and Medicinal Chemistry Letters, 2021, 43, 128100.	2.2	5
138	Amaryllidaceae Alkaloids of Norbelladine-Type as Inspiration for Development of Highly Selective Butyrylcholinesterase Inhibitors: Synthesis, Biological Activity Evaluation, and Docking Studies. International Journal of Molecular Sciences, 2021, 22, 8308.	4.1	5
139	High-performance Liquid Chromatography Analysis of Four Leuzea carthamoides Flavonoids. Journal of Chromatographic Science, 2008, 46, 162-164.	1.4	4
140	Antimycobacterial 3-phenyl-4-thioxo-2H-1,3-benzoxazine-2(3H)-ones and 3-phenyl-2H-1,3-benzoxazine-2,4(3H)-dithiones substituted on phenyl and benzoxazine moiety in position 6. Chemical Papers, 2011, 65, .	2.2	4
141	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.	3.2	4
142	Derivatives of montanine-type alkaloids and their implication for the treatment of Alzheimer's disease: Synthesis, biological activity and in silico study. Bioorganic and Medicinal Chemistry Letters, 2021, 51, 128374.	2.2	4
143	Analysis of Amaryllidaceae alkaloids from Zephyranthes robusta by GC-MS and their cholinesterase activity. Natural Product Communications, 2010, 5, 1201-4.	0.5	4
144	Isolation and Cholinesterase Activity of Amaryllidaceae Alkaloids from Nerine bowdenii. Natural Product Communications, 2011, 6, 1934578X1100601.	0.5	3

#	ARTICLE	IF	CITATIONS
145	A new group of potential antituberculotics: N-(2-pyridylmethyl)salicylamides and N-(3-pyridylmethyl)salicylamides. Chemical Papers, 2011, 65, .	2.2	2
146	Berbanine: A New Isoquinoline-Isoquinolone Alkaloid from Berberis Vulgaris (Berberidaceae). Natural Product Communications, 2013, 8, 1934578X1300800.	0.5	2
147	Design, synthesis and anti-mycobacterial evaluation of some new N-phenylpyrazine-2-carboxamides. Chemical Papers, 2015, .	2.2	2
148	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.	3.3	2
149	Microwave-Assisted Synthesis of Pyrazinamide Derivatives: The Coupling Reaction of 3-Chloropyrazine-2-Carboxamide and Ring-Substituted Anilines. Current Organic Synthesis, 2015, 12, 189-196.	1.3	2
150	Semisynthetic Derivatives of Selected Amaryllidaceae Alkaloids as a New Class of Antimycobacterial Agents. Molecules, 2021, 26, 6023.	3.8	2
151	3-Benzyl-2H-1,3-benzoxazine-2,4(3H)-diones, a New Group of Antimycobacterial Compounds Against Potentially Pathogenic Strains. ChemInform, 2004, 35, no.	0.0	1
152	(+)-Chenabinol (Revised NMR Data) and Two New Alkaloids from Berberis vulgaris and their Biological Activity. Natural Product Communications, 2015, 10, 1934578X1501001.	0.5	1
153	Synthesis and in vitro Antifungal Activity of 4-Substituted Phenylguanidinium Salts.. ChemInform, 2004, 35, no.	0.0	0
154	A Simple Method for the Preparation of 5-Alkylsulfinyl-1-aryltetrazoles.. ChemInform, 2005, 36, no.	0.0	0
155	Heterocyclic Isosters of Antimycobacterial Salicylanilides.. ChemInform, 2005, 36, no.	0.0	0
156	Preparation and antiplatelet activity of glycidic acid derivatives. Chemical Papers, 2008, 62, .	2.2	0
157	Alkaloids of Narcissus poeticus cv. Pink Parasol and their biological activity. Planta Medica, 2016, 81, S1-S381.	1.3	0