Daniel Jun

List of Publications by Year
in descending order

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278 papers	6,117 citations	71102 41 h-index	123424 61 g-index
284 all docs	284 docs citations	284 times ranked	4697 citing authors

#	Article	IF	Citations
1	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
2	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
3	Development of versatile and potent monoquaternary reactivators of acetylcholinesterase. Archives of Toxicology, 2021, 95, 985-1001.	4.2	7
4	Tacrine â€“ Benzothiazoles: Novel class of potential multitarget anti-AlzheimeÅ•s drugs dealing with cholinergic, amyloid and mitochondrial systems. Bioorganic Chemistry, 2021, 107, 104596.	4.1	17
5	(Â±)-BIGI-3h: Pentatarget-Directed Ligand combining Cholinesterase, Monoamine Oxidase, and Glycogen Synthase Kinase 3Î² Inhibition with Calcium Channel Antagonism and Antiaggregating Properties for Alzheimerâ€™s Disease. ACS Chemical Neuroscience, 2021, 12, 1328-1342.	3.5	21
6	Synthesis of New Biscoumarin Derivatives, In Vitro Cholinesterase Inhibition, Molecular Modelling and Antiproliferative Effect in A549 Human Lung Carcinoma Cells. International Journal of Molecular Sciences, 2021, 22, 3830.	4.1	3
7	Huprine Y â€“ Tryptophan heterodimers with potential implication to Alzheimerâ€™s disease treatment. Bioorganic and Medicinal Chemistry Letters, 2021, 43, 128100.	2.2	5
8	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
9	Synthesis and Decontamination Effect on Chemical and Biological Agents of Benzoxonium-Like Salts. Toxics, 2021, 9, 222.	3.7	2
10	Pursuing the Complexity of Alzheimerâ€™s Disease: Discovery of Fluoren-9-Amines as Selective Butyrylcholinesterase Inhibitors and N-Methyl-d-Aspartate Receptor Antagonists. Biomolecules, 2021, 11, 3.	4.0	4
11	Oxime K074 â€“ in vitro and in silico reactivation of acetylcholinesterase inhibited by nerve agents and pesticides. Toxin Reviews, 2020, 39, 157-166.	3.4	5
12	Synthesis, inÂvitro screening and molecular docking of isoquinolinium-5-carbaldoximes as acetylcholinesterase and butyrylcholinesterase reactivators. Journal of Enzyme Inhibition and Medicinal Chemistry, 2020, 35, 478-488.	5.2	15
13	Encapsulation of oxime K027 into cucurbit[7]uril: In vivo evaluation of safety, absorption, brain distribution and reactivation effectiveness. Toxicology Letters, 2020, 320, 64-72.	0.8	10
14	Simple validated method of LCâ€“MS/MS determination of BZ agent in rat plasma samples. Drug Testing and Analysis, 2020, 12, 431-438.	2.6	4
15	Cysteine-Targeted Insecticides against A. gambiae Acetylcholinesterase Are Neither Selective nor Reversible Inhibitors. ACS Medicinal Chemistry Letters, 2020, 11, 65-71.	2.8	11
16	The wide-spectrum antimicrobial effect of novel N-alkyl monoquaternary ammonium salts and their mixtures; the QSAR study against bacteria. European Journal of Medicinal Chemistry, 2020, 206, 112584.	5.5	22
17	Discovery of novel berberine derivatives with balanced cholinesterase and prolyl oligopeptidase inhibition profile. European Journal of Medicinal Chemistry, 2020, 203, 112593.	5.5	24
18	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

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19	Monitoring of blood cholinesterase activity in workers exposed to nerve agents. , 2020, , 1035-1045.		0
20	Other toxic chemicals as potential chemical warfare agents. , 2020, , 403-412.		1
21	Benzothiazolyl Ureas are Low Micromolar and Uncompetitive Inhibitors of 17Î²-HSD10 with Implications to Alzheimerâ€™s Disease Treatment. International Journal of Molecular Sciences, 2020, 21, 2059.	4.1	14
22	Global impact of chemical warfare agents used before and after 1945. , 2020, , 27-36.		1
23	Pharmacological prophylaxis against nerve agent poisoning: experimental studies and practical implications. , 2020, , 1091-1101.		0
24	Donepezil and Rivastigmine: Pharmacokinetic Profile and Brain-targeting After Intramuscular Administration in Rats. Iranian Journal of Pharmaceutical Research, 2020, 19, 95-102.	0.5	4
25	DEFINITION OF THE TARGET POPULATION FOR EXTERNAL PACEMAKER AS A KEY ASPECT IN SUCCESSFUL MEDICAL DEVICE HTA PROCESS. Military Medical Science Letters (Vojenske Zdravotnicke Listy), 2020, 89, 99-107.	0.5	0
26	Is It the Twilight of BACE1 Inhibitors?. Current Neuropharmacology, 2020, 19, 61-77.	2.9	15
27	OPCW BIOMEDICAL PROFICIENCY TEST IN THE LABORATORY OF ANALYTICAL CHEMISTRY AT THE DEPARTMENT OFÂTOXICOLOGY AND MILITARY PHARMACY. Military Medical Science Letters (Vojenske) Tj ETQq1 1 0.784314 rgBT /Ove		
28	Molecular modeling studies on the interactions of aflatoxin B1 and its metabolites with the peripheral anionic site of human acetylcholinesterase. Journal of Biomolecular Structure and Dynamics, 2019, 37, 2041-2048.	3.5	16
29	Exploring Structure-Activity Relationship in Tacrine-Squaramide Derivatives as Potent Cholinesterase Inhibitors. Biomolecules, 2019, 9, 379.	4.0	23
30	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
31	Pharmacological and toxicological in vitro and in vivo effect of higher doses of oxime reactivators. Toxicology and Applied Pharmacology, 2019, 383, 114776.	2.8	5
32	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
33	Surface screening, molecular modeling and in vitro studies on the interactions of aflatoxin M1 and human enzymes acetyl- and butyrylcholinesterase. Chemico-Biological Interactions, 2019, 308, 113-119.	4.0	4
34	In Vitro and In Silico Acetylcholinesterase Inhibitory Activity of Thalictricavine and Canadine and Their Predicted Penetration across the Blood-Brain Barrier. Molecules, 2019, 24, 1340.	3.8	23
35	Novel tacrine-tryptophan hybrids: Multi-target directed ligands as potential treatment for Alzheimer's disease. European Journal of Medicinal Chemistry, 2019, 168, 491-514.	5.5	75
36	Inhalation of molecular hydrogen prevents ischemia-reperfusion liver damage during major liver resection. Annals of Translational Medicine, 2019, 7, 774-774.	1.7	11

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37	Oxime K203: a drug candidate for the treatment of tabun intoxication. Archives of Toxicology, 2019, 93, 673-691.	4.2	19
38	Synthesis and biological assessment of KojoTacrines as new agents for Alzheimerâ€™s disease therapy. Journal of Enzyme Inhibition and Medicinal Chemistry, 2019, 34, 163-170.	5.2	19
39	Novel quinazolin-4-one derivatives as potentiating agents of doxorubicin cytotoxicity. Bioorganic Chemistry, 2019, 82, 204-210.	4.1	2
40	Cytotoxicity of acetylcholinesterase reactivators evaluated in vitro and its relation to their structure. Drug and Chemical Toxicology, 2019, 42, 252-256.	2.3	22
41	N-alkylated Tacrine Derivatives as Potential Agents in Alzheimerâ€™s Disease Therapy. Current Alzheimer Research, 2019, 16, 333-343.	1.4	5
42	Oxidative stress in organophosphate poisoning: role of standard antidotal therapy. Journal of Applied Toxicology, 2018, 38, 1058-1070.	2.8	56
43	Synthesis, Biological Assessment and Molecular Modeling of Racemic QuinoPyranoTacrines for Alzheimer's Disease Therapy. ChemistrySelect, 2018, 3, 461-466.	1.5	10
44	Profiling donepezil template into multipotent hybrids with antioxidant properties. Journal of Enzyme Inhibition and Medicinal Chemistry, 2018, 33, 583-606.	5.2	44
45	The influence of modulators of acetylcholinesterase on the resistance of mice against soman and on the effectiveness of antidotal treatment of soman poisoning in mice. Journal of Applied Biomedicine, 2018, 16, 10-14.	1.7	4
46	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
47	Purin-6-one and pyrrolo[2,3-d]pyrimidin-4-one derivatives as potentiating agents of doxorubicin cytotoxicity. Future Medicinal Chemistry, 2018, 10, 2029-2038.	2.3	2
48	Molecular Modeling Studies on the Interactions of Aflatoxin B1 and Its Metabolites with Human Acetylcholinesterase. Part II: Interactions with the Catalytic Anionic Site (CAS). Toxins, 2018, 10, 389.	3.4	5
49	Novel Group of AChE Reactivatorsâ€”Synthesis, In Vitro Reactivation and Molecular Docking Study. Molecules, 2018, 23, 2291.	3.8	13
50	Synthesis, Biological Evaluation, and Docking Studies of Novel Bisquaternary Aldoxime Reactivators on Acetylcholinesterase and Butyrylcholinesterase Inhibited by Paraoxon. Molecules, 2018, 23, 1103.	3.8	11
51	Simultaneous determination of malondialdehyde and 3â€nitrotyrosine in cultured human hepatoma cells by liquid chromatographyâ€“mass spectrometry. Biomedical Chromatography, 2018, 32, e4349.	1.7	12
52	A newly developed oxime K203 is the most effective reactivator of tabun-inhibited acetylcholinesterase. BMC Pharmacology & Toxicology, 2018, 19, 8.	2.4	53
53	Development of small bisquaternary cholinesterase inhibitors as drugs for pre-treatment of nerve agent poisonings. Drug Design, Development and Therapy, 2018, Volume 12, 505-512.	4.3	4
54	In vitro and in silico Evaluation of Non-Quaternary Reactivators of AChE as Antidotes of Organophosphorus Poisoning - a New Hope or a Blind Alley?. Medicinal Chemistry, 2018, 14, 281-292.	1.5	19

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55	Activity of cholinesterases in a young and healthy middle-European population: Relevance for toxicology, pharmacology and clinical praxis. Toxicology Letters, 2017, 277, 24-31.	0.8	20
56	Synthesis, in vitro acetylcholinesterase inhibitory activity and molecular docking of new acridine-coumarin hybrids. International Journal of Biological Macromolecules, 2017, 104, 333-338.	7.5	21
57	Progress in acetylcholinesterase reactivators and in the treatment of organophosphorus intoxication: a patent review (2006â€“2016). Expert Opinion on Therapeutic Patents, 2017, 27, 971-985.	5.0	28
58	Development of information andÂmanagement system for laboratory based on open source licensed software withÂsecurity logs extension. Journal of Intelligent and Fuzzy Systems, 2017, 32, 1497-1508.	1.4	2
59	Bis-isoquinolinium and bis-pyridinium acetylcholinesterase inhibitors: in vitro screening of probes for novel selective insecticides. RSC Advances, 2017, 7, 39279-39291.	3.6	6
60	Prolyl oligopeptidase and its role in the organism: attention to the most promising and clinically relevant inhibitors. Future Medicinal Chemistry, 2017, 9, 1015-1038.	2.3	48
61	Novel Tacrine-Scutellarin Hybrids as Multipotent Anti-Alzheimerâ€™s Agents: Design, Synthesis and Biological Evaluation. Molecules, 2017, 22, 1006.	3.8	32
62	Cholinesterase and Prolyl Oligopeptidase Inhibitory Activities of Alkaloids from Argemone platyceras (Papaveraceae). Molecules, 2017, 22, 1181.	3.8	19
63	Development of 2-Methoxyhuprine as Novel Lead for Alzheimerâ€™s Disease Therapy. Molecules, 2017, 22, 1265.	3.8	26
64	Acetylcholinesterase Inhibitors and Drugs Acting on Muscarinic Receptors- Potential Crosstalk of Cholinergic Mechanisms During Pharmacological Treatment. Current Neuropharmacology, 2017, 15, 637-653.	2.9	21
65	HLÃ¶-7 - A REVIEW OF ACETYLCHOLINESTERASE REACTIVATOR AGAINST ORGANOPHOSPHOROUS INTOXICATION. Military Medical Science Letters (Vojenske Zdravotnicke Listy), 2017, 86, 70-83.	0.5	2
66	Design, Synthesis and in vitro Evaluation of Indolotacrine Analogues as Multitargetâ€Directed Ligands for the Treatment of Alzheimer's Disease. ChemMedChem, 2016, 11, 1264-1269.	3.2	35
67	Device Security Implementation Model based on Internet of Things for a Laboratory Environment. IFAC-PapersOnLine, 2016, 49, 419-424.	0.9	8
68	A 7-methoxytacrineâ€“4-pyridinealdoxime hybrid as a novel prophylactic agent with reactivation properties in organophosphate intoxication. Toxicology Research, 2016, 5, 1012-1016.	2.1	22
69	Targeting copper(II)-induced oxidative stress and the acetylcholinesterase system in Alzheimer's disease using multifunctional tacrine-coumarin hybrid molecules. Journal of Inorganic Biochemistry, 2016, 161, 52-62.	3.5	63
70	SAR study to find optimal cholinesterase reactivator against organophosphorous nerve agents and pesticides. Archives of Toxicology, 2016, 90, 2831-2859.	4.2	75
71	In vitro characterization of acetylcholinesterase reactivators: The cytotoxicity and oxidative stress induction. Toxicology Letters, 2016, 258, S126-S127.	0.8	0
72	Biological mechanisms of sulfur mustard toxicity: Dose and time-dependent study. Toxicology Letters, 2016, 258, S254-S255.	0.8	0

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73	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
74	Isolation of Amaryllidaceae alkaloids from Nerine bowdenii W. Watson and their biological activities. RSC Advances, 2016, 6, 80114-80120.	3.6	23
75	The Antioxidant Additive Approach for Alzheimerâ€™s Disease Therapy: New Ferulic (Lipoic) Acid Plus Melatonin Modified Tacrines as Cholinesterases Inhibitors, Direct Antioxidants, and Nuclear Factor (Erythroid-Derived 2)-Like 2 Activators. Journal of Medicinal Chemistry, 2016, 59, 9967-9973.	6.4	83
76	Synthesis, antimicrobial evaluation and molecular modeling of 5-hydroxyisoquinolinium salt series; the effect of the hydroxyl moiety. Bioorganic and Medicinal Chemistry, 2016, 24, 841-848.	3.0	15
77	Novel caffeine derivatives with antiproliferative activity. RSC Advances, 2016, 6, 32534-32539.	3.6	12
78	Application of Artificial Neural Networks in Condition Based Predictive Maintenance. Studies in Computational Intelligence, 2016, , 75-86.	0.9	17
79	Small Molecules Targeting Ataxia Telangiectasia and Rad3-Related (ATR) Kinase: An Emerging way to Enhance Existing Cancer Therapy. Current Cancer Drug Targets, 2016, 16, 200-208.	1.6	11
80	TRISOXIME - a Bulky Trisquaternary Reactivator of Acetylcholinesterase. Letters in Drug Design and Discovery, 2016, 13, 372-375.	0.7	1
81	Preparation of 7â€Methoxy Tacrine Dimer Analogs and Their In vitro/In silico Evaluation as Potential Cholinesterase Inhibitors. Bulletin of the Korean Chemical Society, 2015, 36, 1654-1660.	1.9	9
82	Novel Cholinesterase Reactivators. , 2015, , 1071-1087.		4
83	7-Methoxytacrine-p-Anisidine Hybrids as Novel Dual Binding Site Acetylcholinesterase Inhibitors for Alzheimerâ€™s Disease Treatment. Molecules, 2015, 20, 22084-22101.	3.8	35
84	Cholinergic properties ofÂnew 7-methoxytacrine-donepezil derivatives. General Physiology and Biophysics, 2015, 34, 189-200.	0.9	17
85	Pharmacological Prophylaxis Against Nerve Agent Poisoning. , 2015, , 979-987.		2
86	Design, synthesis and in vitro testing of 7-methoxytacrine-amantadine analogues: a novel cholinesterase inhibitors for the treatment of Alzheimerâ€™s disease. Medicinal Chemistry Research, 2015, 24, 2645-2655.	2.4	28
87	The biomedical data collecting system. , 2015, , .		2
88	Global Impact of Chemical Warfare Agents Used Before and After 1945. , 2015, , 17-25.		2
89	Other Toxic Chemicals as Potential Chemical Warfare Agents. , 2015, , 337-345.		3
90	Isoquinoline alkaloids as prolyl oligopeptidase inhibitors. FÃ¬toterapÃ¬Ã¢, 2015, 103, 192-196.	2.2	23

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91	Tacrineâ€“Trolox Hybrids: A Novel Class of Centrally Active, Nonhepatotoxic Multi-Target-Directed Ligands Exerting Anticholinesterase and Antioxidant Activities with Low In Vivo Toxicity. Journal of Medicinal Chemistry, 2015, 58, 8985-9003.	6.4	121
92	Development of Information and Management System for Laboratory Based on Open Source Licensed Software. Lecture Notes in Computer Science, 2015, , 377-387.	1.3	6
93	Phosphatidylinositol 3-Kinase (PI3K) and Phosphatidylinositol 3-Kinase-Related Kinase (PIKK) Inhibitors: Importance of the Morpholine Ring. Journal of Medicinal Chemistry, 2015, 58, 41-71.	6.4	122
94	Universality of Oxime K203 for Reactivation of Nerve Agent-Inhibited AChE. Medicinal Chemistry, 2015, 11, 683-686.	1.5	7
95	Impact of tacrine and 7-methoxytacrine on gastric myoelectrical activity assessed using electrogastrography in experimental pigs. Neuroendocrinology Letters, 2015, 36 Suppl 1, 150-5.	0.2	2
96	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
97	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
98	Evaluation of the antioxidant activity of several naturally occurring coumarins and their synthesized analogues by â€œferric reducing antioxidant powerâ€•assay. Journal of Enzyme Inhibition and Medicinal Chemistry, 2014, 29, 49-54.	5.2	13
99	Tannins and their Influence on Health. , 2014, , 159-208.		25
100	Pharmacotherapy of Alzheimerâ€™s Disease: Current State and Future Perspectives. , 2014, , 3-39.		5
101	Trithiocyanurate Complexes of Iron, Manganese and Nickel and Their Anticholinesterase Activity. Molecules, 2014, 19, 4338-4354.	3.8	8
102	In vitro evaluation of reactivating efficacy of newly developed oximes for preparation of â€œpseudocatalytic scavengerâ€•based on butyrylcholinesterase. Toxicology Letters, 2014, 229, S167-S168.	0.8	0
103	The system of instant access to the life biomedical data. , 2014, , .		2
104	From Pyridinium-based to Centrally Active Acetylcholinesterase Reactivators. Mini-Reviews in Medicinal Chemistry, 2014, 14, 215-221.	2.4	44
105	The development of ataxia telangiectasia mutated kinase inhibitors. Mini-Reviews in Medicinal Chemistry, 2014, 14, 1-1.	2.4	18
106	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
107	Chemical composition of bioactive alkaloid extracts from some Narcissus species and varieties and their biological activity. Natural Product Communications, 2014, 9, 1151-5.	0.5	9
108	The summary on non-reactivation cholinergic properties of oxime reactivators: the interaction with muscarinic and nicotinic receptors. Archives of Toxicology, 2013, 87, 711-719.	4.2	31

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109	Preparation, in vitro evaluation and molecular modelling of pyridiniumâ€“quinolinium/isoquinolinium non-symmetrical bisquaternary cholinesterase inhibitors. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 6663-6666.	2.2	11
110	Hyaluronidase: Its effects on HI-6 dichloride and dimethanesulphonate pharmacokinetic profile in pigs. Toxicology Letters, 2013, 220, 167-171.	0.8	6
111	Alkaloids from Chlidanthus fragrans and their Acetylcholinesterase, Butyrylcholinesterase and Prolyl Oligopeptidase Activities. Natural Product Communications, 2013, 8, 1934578X1300801.	0.5	14
112	Prophylaxis and Post-exposure Treatment of Intoxications Caused by Nerve Agents and Organophosphorus Pesticides. Mini-Reviews in Medicinal Chemistry, 2013, 13, 2102-2115.	2.4	24
113	A Resurrection of 7-MEOTA: A Comparison with Tacrine. Current Alzheimer Research, 2013, 10, 893-906.	1.4	92
114	SCREENING OF BLOOD-BRAIN BARRIER PENETRATION USING THE IMMOBILIZED ARTIFICIAL MEMBRANE PHOSPHATIDYLCHOLINE COLUMN CHROMATOGRAPHY AT THE PHYSIOLOGICAL PH. Military Medical Science Letters (Vojenske Zdravotnicke Listy), 2013, 82, 55-62.	0.5	1
115	SELECTIVE MONITORING OF ENZYMATIC ACTIVITY OF ACETYLCHOLINESTERASE BY FLOW INJECTION ANALYSIS WITH MASS SPECTROMETRIC DETECTION. Military Medical Science Letters (Vojenske Zdravotnicke Listy), 2013, 82, 120-125.	0.5	0
116	Intravenous application of HI-6 salts (dichloride and dimethansulphonate) in pigs: comparison with pharmacokinetics profile after intramuscular administration. Neuroendocrinology Letters, 2013, 34 Suppl 2, 74-8.	0.2	0
117	Impact of paraoxon followed by acetylcholinesterase reactivator HI-6 on gastric myoelectric activity in experimental pigs. Neuroendocrinology Letters, 2013, 34 Suppl 2, 79-83.	0.2	4
118	Alkaloids from Chlidanthus fragrans and their acetylcholinesterase, butyrylcholinesterase and prolyl oligopeptidase activities. Natural Product Communications, 2013, 8, 1541-4.	0.5	20
119	The interaction of standard oxime reactivators with hemicholinium-3 sensitive choline carriers. Toxicology Letters, 2012, 212, 315-319.	0.8	7
120	The effect of oxime reactivators on muscarinic receptors: Functional and binding examinations. Environmental Toxicology and Pharmacology, 2011, 31, 364-370.	4.0	17
121	Organophosphate hydrolases as catalytic bioscavengers of organophosphorus nerve agents. Toxicology Letters, 2011, 206, 14-23.	0.8	49
122	TLC analysis of twelve different salts of oxime HI-6 â€" Reactivator of nerve agent inhibited AChE. Journal of Planar Chromatography - Modern TLC, 2011, 24, 105-107.	1.2	0
123	In Vitro Ability of Currently Available Oximes to Reactivate Organophosphate Pesticide-Inhibited Human Acetylcholinesterase and Butyrylcholinesterase. International Journal of Molecular Sciences, 2011, 12, 2077-2087.	4.1	25
124	ON THE UNIVERSALITY OF OXIME HLÃ¶-7 - ANTIDOTE FOR CASE OF THE NERVE AGENT POISONING. Military Medical Science Letters (Vojenske Zdravotnicke Listy), 2011, 80, 80-84.	0.5	4
125	HUMAN SERUM BUTYRYLCHOLINESTERASE AS A PROPHYLAXIS AGAINST RUSSIAN VX. Military Medical Science Letters (Vojenske Zdravotnicke Listy), 2011, 80, 97-102.	0.5	0
126	Synthesis and In Vitro Evaluation of N-(Bromobut-3-en-2-yl)-7-methoxy-1,2,3,4-tetrahydroacridin-9-amine as a Cholinesterase Inhibitor with Regard to Alzheimer's Disease Treatment. Molecules, 2010, 15, 8804-8812.	3.8	22

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127	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 ETQq1 1 0.784314 rgBT /Overlock	1.4	1
128	Fluctuation in the ergosterol and deoxynivalenol content in barley and malt during malting process. Analytical and Bioanalytical Chemistry, 2010, 397, 109-114.	3.7	14
129	Pseudo-catalytic scavenging: Searching for a suitable reactivator of phosphorylated butyrylcholinesterase. Chemico-Biological Interactions, 2010, 187, 167-171.	4.0	53
130	Preparation and characterization of methoxy polyethylene glycol-conjugated phosphotriesterase as a potential catalytic bioscavenger against organophosphate poisoning. Chemico-Biological Interactions, 2010, 187, 380-383.	4.0	19
131	New Bisquaternary Isoquinolinium Inhibitors of Brain Cholinesterases - Synthesis and Anticholinesterase Activity. Letters in Drug Design and Discovery, 2010, 7, 1-4.	0.7	0
132	High-Performance Liquid Chromatography Analysis of By-Products and Intermediates Arising During the Synthesis of the Acetylcholinesterase Reactivator HI-6. Journal of Chromatographic Science, 2010, 48, 694-696.	1.4	11
133	Characterization of the anticholinergic properties of obidoxime; functional examinations of the rat atria and the urinary bladder. Toxicology Mechanisms and Methods, 2010, 20, 428-433.	2.7	10
134	Reactivation of Human Acetylcholinesterase and Butyrylcholinesterase Inhibited by Leptophos-Oxon with Different Oxime Reactivators in Vitro. International Journal of Molecular Sciences, 2010, 11, 2856-2863.	4.1	16
135	Cholinesterase Reactivators as Prophylactics Against Nerve Agents. Current Bioactive Compounds, 2010, 6, 2-8.	0.5	10
136	The effect of trimedoxime on acetylcholinesterase and on the cholinergic system of the rat bladder. Journal of Applied Biomedicine, 2010, 8, 87-92.	1.7	3
137	Novel acetylcholinesterase reactivator K112 and its cholinergic properties. Biomedicine and Pharmacotherapy, 2010, 64, 541-545.	5.6	12
138	Reactivation of VX-inhibited AChE by novel oximes having two oxygen atoms in the linker. Environmental Toxicology and Pharmacology, 2010, 30, 85-87.	4.0	7
139	Influence of the Acetylcholinesterase Active Site Protonation on Omega Loop and Active Site Dynamics. Journal of Biomolecular Structure and Dynamics, 2010, 28, 393-403.	3.5	43
140	New antioxidant flavonoid isolated from Leuzea carthamoides. Journal of Enzyme Inhibition and Medicinal Chemistry, 2010, 25, 143-145.	5.2	5
141	A comparison of tabun-inhibited rat brain acetylcholinesterase reactivation by three oximes (HI-6,) Tj ETQq1 1 0.784314 rgBT /Overlock Enzyme Inhibition and Medicinal Chemistry, 2010, 25, 790-797.	5.2	6
142	Oxime K027: novel low-toxic candidate for the universal reactivator of nerve agent- and pesticide-inhibited acetylcholinesterase. Journal of Enzyme Inhibition and Medicinal Chemistry, 2010, 25, 509-512.	5.2	26
143	Why acetylcholinesterase reactivators do not work in butyrylcholinesterase. Journal of Enzyme Inhibition and Medicinal Chemistry, 2010, 25, 318-322.	5.2	14
144	New Bisquaternary Isoquinolinium Inhibitors of Brain Cholinesterases - Synthesis and Anticholinesterase Activity. Letters in Drug Design and Discovery, 2010, 7, 1-4.	0.7	4

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145	Novel Nucleophilic Compounds with Oxime Group as Reactivators of Paraoxon-Inhibited Cholinesterases. Letters in Drug Design and Discovery, 2010, 7, 260-264.	0.7	3
146	In vitroreactivation of trichlorfon-inhibited butyrylcholinesterase using HI-6, obidoxime, pralidoxime and K048. Journal of Enzyme Inhibition and Medicinal Chemistry, 2009, 24, 680-683.	5.2	5
147	Preparation and In Vitro Evaluation of Monoquaternary Inhibitors of Brain Cholinesterases. Letters in Organic Chemistry, 2009, 6, 500-503.	0.5	1
148	Effect of acetylcholinesterase oxime-type reactivators K-48 and HI-6 on human liver microsomal cytochromes P450 invitro. Chemico-Biological Interactions, 2009, 180, 449-453.	4.0	6
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