

Miroslav Pohanka

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1823115/publications.pdf>

Version: 2024-02-01

282
papers

6,384
citations

87888

38
h-index

106344

65
g-index

306
all docs

306
docs citations

306
times ranked

7674
citing authors

#	ARTICLE	IF	CITATIONS
1	CHOLINESTERASES, A TARGET OF PHARMACOLOGY AND TOXICOLOGY. Biomedical Papers of the Medical Faculty of the University Palacký Olomouc, Czechoslovakia, 2011, 155, 219-223.	0.6	281
2	Electrochemical biosensors - principles and applications. Journal of Applied Biomedicine, 2008, 6, 57-64.	1.7	248
3	Overview of Piezoelectric Biosensors, Immunosensors and DNA Sensors and Their Applications. Materials, 2018, 11, 448.	2.9	237
4	Inhibitors of Acetylcholinesterase and Butyrylcholinesterase Meet Immunity. International Journal of Molecular Sciences, 2014, 15, 9809-9825.	4.1	186
5	Alzheimer's Disease and Oxidative Stress: A Review. Current Medicinal Chemistry, 2013, 21, 356-364.	2.4	181
6	Alpha7 Nicotinic Acetylcholine Receptor Is a Target in Pharmacology and Toxicology. International Journal of Molecular Sciences, 2012, 13, 2219-2238.	4.1	145
7	Acetylcholinesterase inhibitors: a patent review (2008 - present). Expert Opinion on Therapeutic Patents, 2012, 22, 871-886.	5.0	127
8	Assessment of Acetylcholinesterase Activity Using Indoxylacetate and Comparison with the Standard Ellman's Method. International Journal of Molecular Sciences, 2011, 12, 2631-2640.	4.1	125
9	The Piezoelectric Biosensors: Principles and Applications, a Review. International Journal of Electrochemical Science, 2017, 12, 496-506.	1.3	121
10	Role of oxidative stress in infectious diseases. A review. Folia Microbiologica, 2013, 58, 503-513.	2.3	114
11	A Resurrection of 7-MEOTA: A Comparison with Tacrine. Current Alzheimer Research, 2013, 10, 893-906.	1.4	92
12	Iron Oxide Nanoparticles: Innovative Tool in Cancer Diagnosis and Therapy. Advanced Healthcare Materials, 2018, 7, 1700932.	7.6	91
13	D-Lactic Acid as a Metabolite: Toxicology, Diagnosis, and Detection. BioMed Research International, 2020, 2020, 1-9.	1.9	91
14	Caffeine Inhibits Acetylcholinesterase, But Not Butyrylcholinesterase. International Journal of Molecular Sciences, 2013, 14, 9873-9882.	4.1	87
15	Cold deep subduction recorded by remnants of a Paleoproterozoic carbonated slab. Nature Communications, 2018, 9, 2790.	12.8	75
16	Colorimetric dipstick for assay of organophosphate pesticides and nerve agents represented by paraoxon, sarin and VX. Talanta, 2010, 81, 621-624.	5.5	70
17	Piezoelectric biosensor for the determination of Tumor Necrosis Factor Alpha. Talanta, 2018, 178, 970-973.	5.5	70
18	Progress of Biosensors Based on Cholinesterase Inhibition. Current Medicinal Chemistry, 2009, 16, 1790-1798.	2.4	69

#	ARTICLE	IF	CITATIONS
19	Oxidative Stress and Heavy Metals in Plants. <i>Reviews of Environmental Contamination and Toxicology</i> , 2017, 245, 129-156.	1.3	69
20	Caffeine and cardiovascular diseases: critical review of current research. <i>European Journal of Nutrition</i> , 2016, 55, 1331-1343.	3.9	67
21	>Main streams in the Construction of Biosensors and Their Applications. <i>International Journal of Electrochemical Science</i> , 2017, 12, 7386-7403.	1.3	65
22	Synthesis and in vitro evaluation of N-alkyl-7-methoxytacrine hydrochlorides as potential cholinesterase inhibitors in Alzheimer disease. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 6093-6095.	2.2	63
23	Alzheimer's disease and related neurodegenerative disorders: implication and counteracting of melatonin. <i>Journal of Applied Biomedicine</i> , 2011, 9, 185-196.	1.7	58
24	Cholinesterases in Biorecognition and Biosensors Construction: A Review. <i>Analytical Letters</i> , 2013, 46, 1849-1868.	1.8	56
25	Improvement of acetylcholinesterase-based assay for organophosphates in way of identification by reactivators. <i>Talanta</i> , 2008, 77, 451-454.	5.5	55
26	The progress in the cholinesterase quantification methods. <i>Expert Opinion on Drug Discovery</i> , 2012, 7, 1207-1223.	5.0	55
27	Copper and copper nanoparticles toxicity and their impact on basic functions in the body. <i>Bratislava Medical Journal</i> , 2019, 120, 397-409.	0.8	55
28	Mycotoxin Assays Using Biosensor Technology: A Review. <i>Drug and Chemical Toxicology</i> , 2007, 30, 253-261.	2.3	53
29	Oxidative stress in Alzheimer disease as a target for therapy. <i>Bratislava Medical Journal</i> , 2018, 119, 535-543.	0.8	52
30	Biosensors and Bioassays Based on Lipases, Principles and Applications, a Review. <i>Molecules</i> , 2019, 24, 616.	3.8	50
31	The Spectrum of Differences between Childhood and Adulthood Celiac Disease. <i>Nutrients</i> , 2015, 7, 8733-8751.	4.1	49
32	Amperometric Biosensors for Real Time Assays of Organophosphates. <i>Sensors</i> , 2008, 8, 5303-5312.	3.8	47
33	Current Trends in the Biosensors for Biological Warfare Agents Assay. <i>Materials</i> , 2019, 12, 2303.	2.9	47
34	Bacillus anthracis, Francisella tularensis and Yersinia pestis. The most important bacterial warfare agents – review. <i>Folia Microbiologica</i> , 2009, 54, 263-272.	2.3	46
35	Oxidative stress after sulfur mustard intoxication and its reduction by melatonin: efficacy of antioxidant therapy during serious intoxication. <i>Drug and Chemical Toxicology</i> , 2011, 34, 85-91.	2.3	46
36	Biosensors for Biological Warfare Agent Detection. <i>Defence Science Journal</i> , 2007, 57, 185-193.	0.8	46

#	ARTICLE	IF	CITATIONS
37	Mono-oxime bisquaternary acetylcholinesterase reactivators with prop-1,3-diyl linkageâ€”Preparation, in vitro screening and molecular docking. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 754-762.	3.0	44
38	Biosensors for Blood Glucose and Diabetes Diagnosis: Evolution, Construction, and Current Status. <i>Analytical Letters</i> , 2015, 48, 2509-2532.	1.8	43
39	Diagnosis of tularemia using piezoelectric biosensor technology. <i>Talanta</i> , 2007, 71, 981-985.	5.5	42
40	Toxicology and the biological role of methanol and ethanol: Current view. <i>Biomedical Papers of the Medical Faculty of the University Palacky&#x0301;</i> , Olomouc, Czechoslovakia, 2016, 160, 54-63.	0.6	41
41	Ferric Reducing Antioxidant Power and Square Wave Voltammetry for Assay of Low Molecular Weight Antioxidants in Blood Plasma: Performance and Comparison of Methods. <i>Sensors</i> , 2009, 9, 9094-9103.	3.8	38
42	Monooximeâ€”monocarbamoyl Bispyridinium Xyleneâ€”Linked Reactivators of Acetylcholinesteraseâ€”Synthesis, In vitro and Toxicity Evaluation, and Docking Studies. <i>ChemMedChem</i> , 2010, 5, 247-254.	3.2	38
43	Butyrylcholinesterase as a biochemical marker. <i>Bratislava Medical Journal</i> , 2013, 114, 726-734.	0.8	38
44	Novel tacrine/acridine anticholinesterase inhibitors with piperazine and thiourea linkers. <i>International Journal of Biological Macromolecules</i> , 2014, 70, 435-439.	7.5	38
45	Preparation and in vitro screening of symmetrical bispyridinium cholinesterase inhibitors bearing different connecting linkageâ€”initial study for Myasthenia gravis implications. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 1763-1766.	2.2	36
46	Passive diffusion of acetylcholinesterase oxime reactivators through the bloodâ€”brain barrier: Influence of molecular structure. <i>Toxicology in Vitro</i> , 2010, 24, 1838-1844.	2.4	36
47	Ascorbic Acid: An Old Player with a Broad Impact on Body Physiology Including Oxidative Stress Suppression and Immunomodulation: A Review. <i>Mini-Reviews in Medicinal Chemistry</i> , 2012, 12, 35-43.	2.4	36
48	Glomalin - an interesting protein part of the soil organic matter. <i>Soil and Water Research</i> , 2020, 15, 67-74.	1.7	36
49	Monoclonal and polyclonal antibodies production - preparation of potent biorecognition element. <i>Journal of Applied Biomedicine</i> , 2009, 7, 115-121.	1.7	36
50	Therapeutical strategies for anxiety and anxiety-like disorders using plant-derived natural compounds and plant extracts. <i>Biomedicine and Pharmacotherapy</i> , 2017, 95, 437-446.	5.6	35
51	Sulfur mustard causes oxidative stress and depletion of antioxidants in muscles, livers, and kidneys of Wistar rats. <i>Drug and Chemical Toxicology</i> , 2013, 36, 270-276.	2.3	34
52	Flavonoid Profile of Saskatoon Berries (<i>Amelanchier alnifolia</i> Nutt.) and Their Health Promoting Effects. <i>Molecules</i> , 2013, 18, 12571-12586.	3.8	34
53	Preparation and in vitro screening of symmetrical bis-isoquinolinium cholinesterase inhibitors bearing various connecting linkage â€” Implications for early Myasthenia gravis treatment. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 811-818.	5.5	33
54	Copper, aluminum, iron and calcium inhibit human acetylcholinesterase in vitro. <i>Environmental Toxicology and Pharmacology</i> , 2014, 37, 455-459.	4.0	33

#	ARTICLE	IF	CITATIONS
55	Photography by Cameras Integrated in Smartphones as a Tool for Analytical Chemistry Represented by an Butyrylcholinesterase Activity Assay. <i>Sensors</i> , 2015, 15, 13752-13762.	3.8	33
56	Recovery of an oxidized majorite inclusion from Earth's deep asthenosphere. <i>Science Advances</i> , 2017, 3, e1601589.	10.3	33
57	Piezoelectric immunosensor for the direct and rapid detection of <i>Francisella tularensis</i> . <i>Folia Microbiologica</i> , 2007, 52, 325-330.	2.3	32
58	Preparation of the Pyridinium Salts Differing in the Length of the N-Alkyl Substituent. <i>Molecules</i> , 2010, 15, 1967-1972.	3.8	32
59	Chromogenic detection of Sarin by discolouring decomplexation of a metal coordination complex. <i>Chemical Communications</i> , 2013, 49, 8946.	4.1	32
60	<i>Mycoplasma gallisepticum</i> infection in the grey partridge <i>Perdix perdix</i> : outbreak description, histopathology, biochemistry and antioxidant parameters. <i>BMC Veterinary Research</i> , 2011, 7, 34.	1.9	31
61	Lead toxicosis of captive vultures: case description and responses to chelation therapy. <i>BMC Veterinary Research</i> , 2013, 9, 11.	1.9	31
62	Piezoelectric Immunosensor for <i>Francisella tularensis</i> Detection Using Immunoglobulin M in a Limiting Dilution. <i>Analytical Letters</i> , 2005, 38, 411-422.	1.8	30
63	Cholinesterase Biosensor Construction – A Review. <i>Protein and Peptide Letters</i> , 2008, 15, 795-798.	0.9	30
64	Sulfur mustard induced oxidative stress and its alteration by epigallocatechin gallate. <i>Toxicology Letters</i> , 2011, 201, 105-109.	0.8	30
65	An Acetylcholinesterase-Based Chronoamperometric Biosensor for Fast and Reliable Assay of Nerve Agents. <i>Sensors</i> , 2013, 13, 11498-11506.	3.8	30
66	Acetylcholinesterase Based Dipsticks with Indoxylacetate as a Substrate for Assay of Organophosphates and Carbamates. <i>Analytical Letters</i> , 2012, 45, 367-374.	1.8	29
67	Three-Dimensional Printing in Analytical Chemistry: Principles and Applications. <i>Analytical Letters</i> , 2016, 49, 2865-2882.	1.8	29
68	Diagnosis of Intoxication by the Organophosphate VX: Comparison Between an Electrochemical Sensor and Ellman's Photometric Method. <i>Sensors</i> , 2008, 8, 5229-5237.	3.8	28
69	Antioxidants Countermeasures Against Sulfur Mustard. <i>Mini-Reviews in Medicinal Chemistry</i> , 2012, 12, 742-748.	2.4	28
70	Spectrophotometric methods based on 2,6-dichloroindophenol acetate and indoxylacetate for butyrylcholinesterase activity assay in plasma. <i>Talanta</i> , 2013, 106, 281-285.	5.5	28
71	Could oxime HI-6 really be considered as "broad-spectrum" antidote?. <i>Journal of Applied Biomedicine</i> , 2009, 7, 143-149.	1.7	28
72	Inhibition of Acetylcholinesterase and Butyrylcholinesterase by a Plant Secondary Metabolite Boldine. <i>BioMed Research International</i> , 2018, 2018, 1-5.	1.9	27

#	ARTICLE	IF	CITATIONS
73	Quantum Dots in the Therapy: Current Trends and Perspectives. <i>Mini-Reviews in Medicinal Chemistry</i> , 2017, 17, 650-656.	2.4	27
74	Oxime K027: novel low-toxic candidate for the universal reactivator of nerve agent- and pesticide-inhibited acetylcholinesterase. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2010, 25, 509-512.	5.2	26
75	Voltammetric assay of butyrylcholinesterase in plasma samples and its comparison to the standard spectrophotometric test. <i>Talanta</i> , 2014, 119, 412-416.	5.5	26
76	Screen Printed Electrodes in Biosensors and Bioassays. A Review. <i>International Journal of Electrochemical Science</i> , 2020, 15, 11024-11035.	1.3	25
77	Nerve Agents Assay Using Cholinesterase Based Biosensor. <i>Electroanalysis</i> , 2009, 21, 1177-1182.	2.9	24
78	Prophylaxis and Post-exposure Treatment of Intoxications Caused by Nerve Agents and Organophosphorus Pesticides. <i>Mini-Reviews in Medicinal Chemistry</i> , 2013, 13, 2102-2115.	2.4	24
79	Amperometric Biosensor for Evaluation of Competitive Cholinesterase Inhibition by the Reactivator HIâ€6. <i>Analytical Letters</i> , 2007, 40, 2351-2359.	1.8	23
80	Biosensors containing acetylcholinesterase and butyrylcholinesterase as recognition tools for detection of various compounds. <i>Chemical Papers</i> , 2015, 69, .	2.2	23
81	Piezoelectric Biosensor for a Simple Serological Diagnosis of Tularemia in Infected European Brown Hares (<i>Lepus europaeus</i>). <i>Sensors</i> , 2007, 7, 2825-2834.	3.8	22
82	Serological Diagnosis of Tularemia in Mice Using the Amperometric Immunosensor. <i>Electroanalysis</i> , 2007, 19, 2507-2512.	2.9	22
83	The perspective of caffeine and caffeine derived compounds in therapy. <i>Bratislava Medical Journal</i> , 2015, 116, 520-530.	0.8	22
84	TRPV currents and their role in the nociception and neuroplasticity. <i>Neuropeptides</i> , 2016, 57, 1-8.	2.2	22
85	Small camera as a handheld colorimetric tool in the analytical chemistry. <i>Chemical Papers</i> , 2017, 71, 1553-1561.	2.2	22
86	Colorimetric hand-held sensors and biosensors with a small digital camera as signal recorder, a review. <i>Reviews in Analytical Chemistry</i> , 2020, 39, 20-30.	3.2	22
87	Labelâ€Free Piezoelectric Immunosensor for Rapid Assay of <i>Escherichia coli</i> . <i>Journal of Immunoassay and Immunochemistry</i> , 2007, 29, 70-79.	1.1	21
88	Rapid Characterization of Monoclonal Antibodies using the Piezoelectric Immunosensor. <i>Sensors</i> , 2007, 7, 341-353.	3.8	21
89	Macrophage-Assisted Inflammation and Pharmacological Regulation of the Cholinergic Anti-Inflammatory Pathway. <i>Current Medicinal Chemistry</i> , 2011, 18, 539-551.	2.4	21
90	Glycated Hemoglobin and Methods for Its Point of Care Testing. <i>Biosensors</i> , 2021, 11, 70.	4.7	21

#	ARTICLE	IF	CITATIONS
91	Automated assay of the potency of natural antioxidants using pipetting robot and spectrophotometry. <i>Journal of Applied Biomedicine</i> , 2012, 10, 155-167.	1.7	20
92	Point-of-Care Diagnoses and Assays Based on Lateral Flow Test. <i>International Journal of Analytical Chemistry</i> , 2021, 2021, 1-9.	1.0	20
93	Tularemia induces different biochemical responses in BALB/c mice and common voles. <i>BMC Infectious Diseases</i> , 2009, 9, 101.	2.9	19
94	Combined exposure to cyanobacterial biomass, lead and the Newcastle virus enhances avian toxicity. <i>Science of the Total Environment</i> , 2010, 408, 4984-4992.	8.0	19
95	Spectrophotometric Assay of Aflatoxin B1 Using Acetylcholinesterase Immobilized on Standard Microplates. <i>Analytical Letters</i> , 2013, 46, 1306-1315.	1.8	19
96	Anti-Parkinson Drug Biperiden Inhibits Enzyme Acetylcholinesterase. <i>BioMed Research International</i> , 2017, 2017, 1-5.	1.9	19
97	Possibility of Acetylcholinesterase Overexpression in Alzheimer Disease Patients after Therapy with Acetylcholinesterase Inhibitors. <i>Acta Medica (Hradec Kralove)</i> , 2015, 58, 37-42.	0.5	19
98	Chemical warfare agents. <i>Exs</i> , 2010, , 543-558.	1.4	18
99	Sensors Based on Molecularly Imprinted Polymers. <i>International Journal of Electrochemical Science</i> , 2017, 12, 8082-8094.	1.3	18
100	Chemical warfare agents. <i>Exs</i> , 2010, 100, 543-58.	1.4	18
101	Effect of five acetylcholinesterase reactivators on tabun-intoxicated rats: induction of oxidative stress versus reactivation efficacy. <i>Journal of Applied Toxicology</i> , 2009, 29, 483-488.	2.8	17
102	Novel Bisquaternary Oximes' Reactivation of Acetylcholinesterase and Butyrylcholinesterase Inhibited by Paraoxon. <i>Molecules</i> , 2009, 14, 4915-4921.	3.8	17
103	Effect of Several New and Currently Available Oxime Cholinesterase Reactivators on Tabun-intoxicated Rats. <i>International Journal of Molecular Sciences</i> , 2008, 9, 2243-2252.	4.1	16
104	Reactivation of Human Acetylcholinesterase and Butyrylcholinesterase Inhibited by Leptophos-Oxon with Different Oxime Reactivators in Vitro. <i>International Journal of Molecular Sciences</i> , 2010, 11, 2856-2863.	4.1	16
105	Preparation, in vitro screening and molecular modelling of symmetrical 4-tert-butylpyridinium cholinesterase inhibitors' Analogues of SAD-128. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 150-154.	2.2	16
106	Evaluation of Antioxidant Activity, Polyphenolic Compounds, Amino Acids and Mineral Elements of Representative Genotypes of <i>Lonicera edulis</i> . <i>Molecules</i> , 2014, 19, 6504-6523.	3.8	16
107	Electrochemical Biosensors based on Acetylcholinesterase and Butyrylcholinesterase. A Review. <i>International Journal of Electrochemical Science</i> , 2016, 11, 7440-7452.	1.3	16
108	Digital camera-based lipase biosensor for the determination of paraoxon. <i>Sensors and Actuators B: Chemical</i> , 2018, 273, 610-615.	7.8	16

#	ARTICLE	IF	CITATIONS
109	Aflatoxin Assay Using an Amperometric Sensor Strip and Acetylcholinesterase as Recognition Element. <i>Sensor Letters</i> , 2008, 6, 450-453.	0.4	16
110	The Effects of Caffeine on the Cholinergic System. <i>Mini-Reviews in Medicinal Chemistry</i> , 2014, 14, 543-549.	2.4	16
111	Inhibitors of Cholinesterases in Pharmacology: the Current Trends. <i>Mini-Reviews in Medicinal Chemistry</i> , 2020, 20, 1532-1542.	2.4	16
112	Photometric microplate assay for estimation of the efficacy of paraoxon-inhibited acetylcholinesterase reactivation. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2008, 23, 781-784.	5.2	15
113	QCM immunosensor for the determination of Staphylococcus aureus antigen. <i>Chemical Papers</i> , 2020, 74, 451-458.	2.2	15
114	Shift of oxidants and antioxidants levels in rats as a reaction to exposure to sulfur mustard. <i>Journal of Applied Toxicology</i> , 2009, 29, 643-647.	2.8	14
115	Cholinesterase based amperometric biosensors for assay of anticholinergic compounds. <i>Interdisciplinary Toxicology</i> , 2009, 2, 52-4.	1.0	14
116	Synthesis and In Vitro Evaluation of New Tacrine Derivates-Bis-Alkylene Linked 7-MEOTA. <i>Letters in Organic Chemistry</i> , 2010, 7, 327-331.	0.5	14
117	Testicular toxicity of cyanobacterial biomass in Japanese quails. <i>Harmful Algae</i> , 2011, 10, 612-618.	4.8	14
118	Biochemical responses and oxidative stress in Francisella tularensis infection: a European brown hare model. <i>Acta Veterinaria Scandinavica</i> , 2011, 53, 2.	1.6	14
119	Pharmacokinetics of acetylcholinesterase reactivator K203 and consequent evaluation of low molecular weight antioxidants/markers of oxidative stress. <i>Journal of Applied Biomedicine</i> , 2012, 10, 71-78.	1.7	14
120	Diagnoses of Pathological States Based on Acetylcholinesterase and Butyrylcholinesterase. <i>Current Medicinal Chemistry</i> , 2020, 27, 2994-3011.	2.4	14
121	Investigation of oxidative stress in blood, brain, kidney, and liver after oxime antidote HI-6 application in a mouse experimental model. <i>Drug and Chemical Toxicology</i> , 2011, 34, 255-260.	2.3	13
122	Oxidative stress and liver damage in birds exposed to diclofenac and lead. <i>Acta Veterinaria Brno</i> , 2014, 83, 299-304.	0.5	13
123	Electrochemical Methods for Study of Influence of Selenium Nanoparticles on Antioxidant Status of Rats. <i>International Journal of Electrochemical Science</i> , 0, , 2799-2824.	1.3	13
124	Changes in the oxidative stress/anti-oxidant system after exposure to sulfur mustard and antioxidant strategies in the therapy, a review. <i>Toxicology Mechanisms and Methods</i> , 2017, 27, 408-416.	2.7	13
125	Construction of an Acetylcholinesterase Sensor Based on Synthesized Paramagnetic Nanoparticles, a Simple Tool for Neurotoxic Compounds Assay. <i>Sensors</i> , 2017, 17, 676.	3.8	13
126	Biosensors Based on Semiconductors, a Review. <i>International Journal of Electrochemical Science</i> , 2017, 12, 6611-6621.	1.3	13

#	ARTICLE	IF	CITATIONS
127	Immunoassay of interferon gamma by quartz crystal microbalance biosensor. <i>Talanta</i> , 2020, 218, 121167.	5.5	13
128	Evaluation of Immunoglobulin Production during Tularaemia Infection in BALB/c Mouse Model. <i>Acta Veterinaria Brno</i> , 2007, 76, 579-584.	0.5	13
129	Detection of Aflatoxins in Capsicum Spice Using an Electrochemical Immunosensor. <i>Analytical Letters</i> , 2008, 41, 2344-2353.	1.8	12
130	Effect of Seven Newly Synthesized and Currently Available Oxime Cholinesterase Reactivators on Cyclosarin-Intoxicated Rats. <i>International Journal of Molecular Sciences</i> , 2009, 10, 3065-3075.	4.1	12
131	Square wave voltammetry on screen printed electrodes: comparison to ferric reducing antioxidant power in plasma from model laboratory animal (Grey Partridge) and comparison to standard antioxidants. <i>Journal of Applied Biomedicine</i> , 2011, 9, 103-109.	1.7	12
132	Preparation and performance of a colorimetric biosensor using acetylcholinesterase and indoxylacetate for assay of nerve agents and drugs. <i>Interdisciplinary Toxicology</i> , 2014, 7, 215-218.	1.0	12
133	Acetylcholinesterase Inhibitors Assay Using Colorimetric pH Sensitive Strips and Image Analysis by a Smartphone. <i>International Journal of Analytical Chemistry</i> , 2017, 2017, 1-8.	1.0	12
134	Piezoelectric Immunosensor for the Determination of C-Reactive Protein. <i>International Journal of Electrochemical Science</i> , 2019, 14, 8470-8478.	1.3	12
135	Changes of rat plasma total low molecular weight antioxidant level after tabun exposure and consequent treatment by acetylcholinesterase reactivators. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2011, 26, 93-97.	5.2	11
136	Asoxime (HI-6) impact on dogs after one and tenfold therapeutic doses: Assessment of adverse effects, distribution, and oxidative stress. <i>Environmental Toxicology and Pharmacology</i> , 2011, 32, 75-81.	4.0	11
137	Metrifonate alters antioxidant levels and caspase activity in cerebral cortex of Wistar rats. <i>Toxicology Mechanisms and Methods</i> , 2011, 21, 585-590.	2.7	11
138	Impact of melatonin on immunity: a review. <i>Open Medicine (Poland)</i> , 2013, 8, 369-376.	1.3	11
139	Evaluation of the benefit of the bispyridinium compound MB327 for the antidotal treatment of nerve agent-poisoned mice. <i>Toxicology Mechanisms and Methods</i> , 2016, 26, 334-339.	2.7	11
140	QCM biosensor for Prostate Specific Antigen assay using antibody " gold particle conjugate. <i>International Journal of Electrochemical Science</i> , 2021, 16, 21051.	1.3	11
141	Adsorption of Copper in Soil and its Dependence on Physical and Chemical Properties. <i>Acta Universitatis Agriculturae Et Silviculturae Mendelianae Brunensis</i> , 2018, 66, 219-224.	0.4	11
142	Vaccination to Alzheimer Disease. Is it a Promising Tool or a Blind Way?. <i>Current Medicinal Chemistry</i> , 2016, 23, 1432-1441.	2.4	11
143	Quartz Crystal Microbalance (QCM) Sensing Materials in Biosensors Development. <i>International Journal of Electrochemical Science</i> , 2021, 16, 211220.	1.3	11
144	Current and emerging assays for Francisella tularensis detection: a review. <i>Veterinari Medicina</i> , 2008, 53, 585-594.	0.6	10

#	ARTICLE	IF	CITATIONS
145	Susceptibility of selected murine and microtine species to infection by a wild strain of <i>Francisella tularensis</i> subsp. <i>holarctica</i> . <i>Veterinarni Medicina</i> , 2009, 54, 64-74.	0.6	10
146	Acute poisoning with sarin causes alteration in oxidative homeostasis and biochemical markers in Wistar rats. <i>Journal of Applied Biomedicine</i> , 2012, 10, 187-193.	1.7	10
147	Toxicological scoring of Alzheimer's disease drug huperzine in a guinea pig model. <i>Toxicology Mechanisms and Methods</i> , 2012, 22, 231-235.	2.7	10
148	Tularemia progression accompanied with oxidative stress and antioxidant alteration in spleen and liver of BALB/c mice. <i>Journal of Microbiology</i> , 2012, 50, 401-408.	2.8	10
149	Investigating the influence of taurine on thiol antioxidant status in Wistar rats with a multi-analytical approach. <i>Journal of Applied Biomedicine</i> , 2014, 12, 97-110.	1.7	10
150	Low molecular weight precursor applicable for Alzheimer disease drugs synthesis (AChE and BChE) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 <i>Biomedicine</i> , 2014, 12, 285-290.	1.7	10
151	Attenuation of radiation-induced gastrointestinal damage by epidermal growth factor and bone marrow transplantation in mice. <i>International Journal of Radiation Biology</i> , 2015, 91, 703-714.	1.8	10
152	Electrochemical Determination of Activity of Acetylcholinesterase Immobilized on Magnetic Particles. <i>International Journal of Electrochemical Science</i> , 2016, 11, 4840-4849.	1.3	10
153	Assay of Glomalin Using a Quartz Crystal Microbalance Biosensor. <i>Electroanalysis</i> , 2018, 30, 453-458.	2.9	10
154	Sarin Assay using Acetylcholinesterases and Electrochemical Sensor Strip. <i>Defence Science Journal</i> , 2009, 59, 300-304.	0.8	10
155	Antidotes Against Methanol Poisoning: A Review. <i>Mini-Reviews in Medicinal Chemistry</i> , 2019, 19, 1126-1133.	2.4	10
156	Evaluation of Aflatoxin B1 - Acetylcholinesterase Dissociation Kinetic Using the Amperometric Biosensor Technology: Prospect for Toxicity Mechanism. <i>Protein and Peptide Letters</i> , 2010, 17, 340-342.	0.9	9
157	The preparation, <i>in vitro</i> screening and molecular docking of symmetrical bisquaternary cholinesterase inhibitors containing a but-(2E)-en-1,4-diyl connecting linkage. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2011, 26, 245-253.	5.2	9
158	Colorimetric Glucose Assay Based on Magnetic Particles Having Pseudo-peroxidase Activity and Immobilized Glucose Oxidase. <i>Molecular Biotechnology</i> , 2016, 58, 373-380.	2.4	9
159	Colorimetric sensor based on bubble wrap and camera phone for glucose determination. <i>Journal of Applied Biomedicine</i> , 2016, 14, 315-319.	1.7	9
160	Colorimetric sol gel based biosensor platform for determination of reduced glutathione. <i>Sensors and Actuators B: Chemical</i> , 2016, 236, 442-449.	7.8	9
161	Fast and simple glucose assay based on filter paper as enzymes carrier using phone camera detection. <i>Chemical Papers</i> , 2018, 72, 2719-2728.	2.2	9
162	Glucose electrochemical biosensors: The past and current trends. <i>International Journal of Electrochemical Science</i> , 2021, 16, 210719.	1.3	9

#	ARTICLE	IF	CITATIONS
163	Bacillus anthracis as a biological warfare agent: infection, diagnosis and countermeasures. Bratislava Medical Journal, 2020, 121, 175-181.	0.8	9
164	Sensor System Based on Acetylcholinesterase in Homogenous Phase for Analysis of Paraoxon. Analytical Letters, 2008, 41, 2214-2223.	1.8	8
165	Evaluation of Cholinesterase Activities During in Vivo Intoxication Using an Electrochemical Sensor Strip "Correlation With Intoxication Symptoms. Sensors, 2009, 9, 3627-3634.	3.8	8
166	Reactivation of Human Brain Homogenate Cholinesterases Inhibited by Tabun using Newly Developed Oximes K117 and K127. Basic and Clinical Pharmacology and Toxicology, 2009, 105, 207-210.	2.5	8
167	In vitro identification of novel acetylcholinesterase reactivators. Toxin Reviews, 2009, 28, 238-244.	3.4	8
168	In Vitro Screening of Blood-Brain Barrier Penetration of Monoquaternary Acetylcholinesterase Reactivators. Analytical Letters, 2010, 43, 1516-1524.	1.8	8
169	Evaluation of 2,6-dichlorophenolindophenol acetate as a substrate for acetylcholinesterase activity assay. Journal of Enzyme Inhibition and Medicinal Chemistry, 2015, 30, 796-799.	5.2	8
170	Caffeine downregulates antibody production in a mouse model. Journal of Applied Biomedicine, 2015, 13, 1-6.	1.7	8
171	Color Change of Phenol Red by Integrated Smart Phone Camera as a Tool for the Determination of Neurotoxic Compounds. Sensors, 2016, 16, 1212.	3.8	8
172	Biosensors for the Diagnosis of Celiac Disease: Current Status and Future Perspectives. Molecular Biotechnology, 2016, 58, 381-392.	2.4	8
173	Nanomaterials as Pseudocatalysts in the Construction of Electrochemical Nonenzymatic Sensors for Healthcare: A Review. Analytical Letters, 2019, 52, 1396-1417.	1.8	8
174	A Smartphone Camera Colorimetric Assay of Acetylcholinesterase and Butyrylcholinesterase Activity. Sensors, 2021, 21, 1796.	3.8	8
175	Current Biomedical and Diagnostic Applications of Gold Micro and Nanoparticles. Mini-Reviews in Medicinal Chemistry, 2021, 21, 1085-1095.	2.4	8
176	Biological warfare agents. Exs, 2010, , 559-578.	1.4	8
177	New Uses of Melatonin as a Drug; A Review. Current Medicinal Chemistry, 2022, 29, 3622-3637.	2.4	8
178	New performance of biosensor technology for Alzheimer's disease drugs: in vitro comparison of tacrine and 7-methoxytacrine. Neuroendocrinology Letters, 2008, 29, 755-8.	0.2	8
179	Pralidoxime—the gold standard of acetylcholinesterase reactivators—reactivation in vitro efficacy. Bratislava Medical Journal, 2010, 111, 502-4.	0.8	8
180	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

#	ARTICLE	IF	CITATIONS
181	Acetylcholinesterase based assay of eleven organophosphorus pesticides: finding of assay limitations. International Journal of Environmental Analytical Chemistry, 2012, 92, 125-132.	3.3	7
182	Electrochemistry of copper(II) induced complexes in mycorrhizal maize plant tissues. Journal of Hazardous Materials, 2012, 203-204, 257-263.	12.4	7
183	Effect of selenium in organic and inorganic form on liver, kidney, brain and muscle of Wistar rats. Open Chemistry, 2012, 10, 1442-1451.	1.9	7
184	Sulfur mustard induced oxidative stress and its alteration using asoxime (HI-6). Interdisciplinary Toxicology, 2013, 6, 198-202.	1.0	7
185	Indoxyl Acetate as a Substrate for Analysis of Lipase Activity. International Journal of Analytical Chemistry, 2019, 2019, 1-7.	1.0	7
186	Oxidative stress response of rainbow trout (<i>Oncorhynchus mykiss</i>) to multiple stressors. Acta Veterinaria Brno, 2018, 87, 55-64.	0.5	7
187	Magnetic Particles in Electrochemical Analyses. International Journal of Electrochemical Science, 2018, 13, 12000-12009.	1.3	6
188	Novel Trends in Electrochemical Biosensors for Early Diagnosis of Alzheimer's Disease. International Journal of Analytical Chemistry, 2021, 2021, 1-13.	1.0	6
189	The effect of HI-6 on cholinesterases and on the cholinergic system of the rat bladder. Neuroendocrinology Letters, 2008, 29, 759-62.	0.2	6
190	Diagnoses Based on C-Reactive Protein Point-of-Care Tests. Biosensors, 2022, 12, 344.	4.7	6
191	<i>In vitro</i> reactivation 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
192	Development of new antidotes of organophosphate intoxications: Oxime-assisted reactivation of dimethoxy- and diethoxy-phosphorylated human butyrylcholinesterase for construction of pseudo catalytic bioscavengers. Toxicology Letters, 2009, 189, S216.	0.8	5
193	Voltammetric Biosensor Based on Acetylcholinesterase and Different Immobilization Protocols: A Simple Tool for Toxic Organophosphate Assay. Analytical Letters, 2011, 44, 1254-1264.	1.8	5
194	Progress in Antidotes (Acetylcholinesterase Reactivators) Against Organophosphorus Pesticides. , 0, , .		5
195	Determination of acetylcholinesterase and butyrylcholinesterase activity without dilution of biological samples. Chemical Papers, 2015, 69, .	2.2	5
196	Voltammetric Biosensor Based on a Modified Chitosan Membrane Enzyme Peroxidase. International Journal of Electrochemical Science, 2016, , 10391-10406.	1.3	5
197	The Determination of Human Albumin by a Quartz Crystal Microbalance Immunosensor. International Journal of Electrochemical Science, 2018, , 8471-8480.	1.3	5
198	Construction of a QCM Biosensor for free Hemoglobin Assay. International Journal of Electrochemical Science, 2019, , 5237-5246.	1.3	5

#	ARTICLE	IF	CITATIONS
199	Electrochemical Immunosensor for Detection of Francisella Tularensis. , 2005, , 221-232.		5
200	ELISA Detection of Francisella tularensis using Polyclonal and Monoclonal Antibodies. Defence Science Journal, 2008, 58, 698-702.	0.8	5
201	Piezoelectric Immunosensor for the Determination of Immunoglobulin G. International Journal of Electrochemical Science, 0, , 8784-8791.	1.3	5
202	CARBAMATE INSECTICIDES IN THE CZECH REPUBLIC: HEALTH AND ENVIRONMENTAL IMPACTS. Military Medical Science Letters (Vojenske Zdravotnicke Listy), 2012, 81, 2-8.	0.5	5
203	Galantamine effect on tularemia pathogenesis in a BALB/c mouse model. Iranian Biomedical Journal, 2012, 16, 156-61.	0.7	5
204	Planar Ni(II) 1,2-dithiolenes involving bidentate P-donor ligands. Polyhedron, 2009, 28, 3565-3569.	2.2	4
205	Novel Acetylcholinesterase Reactivator " Oxime K048 " Reactivation Activity In Vitro. Medicinal Chemistry, 2010, 6, 1-5.	1.5	4
206	Modulation of Tularemia Disease Progress by the Bisquaternary Pyridinium Oxime HI-6. Acta Veterinaria Brno, 2010, 79, 443-448.	0.5	4
207	Diagnosis of tularemia using biochemical, immunochemical and molecular methods: a review. Veterinarni Medicina, 2011, 56, 453-461.	0.6	4
208	Caffeine alters oxidative homeostasis in the body of BALB/c mice. Bratislava Medical Journal, 2014, 115, 699-703.	0.8	4
209	Immunoassay of Glomalin by Quartz Crystal Microbalance Biosensor Containing Iron Oxide Nanoparticles. International Journal of Analytical Chemistry, 2020, 2020, 1-6.	1.0	4
210	New Bisquaternary Isoquinolinium Inhibitors of Brain Cholinesterases - Synthesis and Anticholinesterase Activity. Letters in Drug Design and Discovery, 2010, 7, 1-4.	0.7	4
211	Potency of HI-6 to Reactivate Cyclosarin, Soman and Tabun Inhibited Acetylcholinesterase " In Vivo Study. Letters in Drug Design and Discovery, 2010, 7, 516-520.	0.7	4
212	ON THE UNIVERSALITY OF OXIME HLÅŕ-7 - ANTIDOTE FOR CASE OF THE NERVE AGENT POISONING. Military Medical Science Letters (Vojenske Zdravotnicke Listy), 2011, 80, 80-84.	0.5	4
213	Development of promising oximes against nerve agent and/or pesticide intoxication. Main Group Chemistry, 2010, 9, 355-361.	0.8	3
214	The ability of combinations of oximes to increase the reactivating and therapeutic efficacy of antidotal treatment of sarin poisoning in rats and mice. Toxicology Letters, 2011, 205, S128.	0.8	3
215	Freund's complete adjuvant effect on BALB/c mice: an insight into inflammation and oxidative stress after immunity challenge. Bratislava Medical Journal, 2016, 117, 268-271.	0.8	3
216	Superficially Bound Acetylcholinesterase Based on a Chitosan Matrix for Neurotoxic Compound Assay by a Photographic Technique. Analytical Letters, 2018, 51, 1622-1632.	1.8	3

#	ARTICLE	IF	CITATIONS
217	QCM Biosensor for Measurement of Glycated Hemoglobin. International Journal of Electrochemical Science, 2019, 14, 11340-11348.	1.3	3
218	Piezoelectric Immunosensor for Tissue Transglutaminase Antibodies Determination for Celiac Disease Diagnostic and Comparison with ELISA Method. International Journal of Electrochemical Science, 2020, , 5154-5165.	1.3	3
219	Pharmacological Influencing of The Cholinergic Anti-inflammatory Pathway in Infectious Diseases and Inflammatory Pathologies. Mini-Reviews in Medicinal Chemistry, 2021, 21, 660-669.	2.4	3
220	Heat Shock Protein 60 (HSP60) detection by QCM Biosensor and Antibody Covered Gold Nanoparticles. International Journal of Electrochemical Science, 2021, 16, 210512.	1.3	3
221	Biosensors and Bioanalytical Devices based on Magnetic Particles: A Review. Current Medicinal Chemistry, 2021, 28, 2828-2841.	2.4	3
222	Amperometric Biosensor for Pesticide Methamidophos Assay. Acta Medica (Hradec Kralove), 2007, 50, 239-241.	0.5	3
223	Botulinum Toxin as a Biological Warfare Agent: Poisoning, Diagnosis and Countermeasures. Mini-Reviews in Medicinal Chemistry, 2020, 20, 865-874.	2.4	3
224	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
225	Optimization of acetylcholinesterase immobilization onto screen printed platinum electrode. Journal of Applied Biomedicine, 2008, 6, 27-30.	1.7	3
226	REACTIVATION POTENCY OF THE ACETYLCHOLINESTERASE REACTIVATOR OBIDOXIME IS LIMITED. Biomedical Papers of the Medical Faculty of the University Palacký, Olomouc, Czechoslovakia, 2009, 153, 259-262.	0.6	3
227	Neostigmine modulates tularemia progression in BALB/c mice. African Journal of Pharmacy and Pharmacology, 2012, 6, .	0.3	3
228	Huperzine induces alteration in oxidative balance and antioxidants in a guinea pig model. Neuroendocrinology Letters, 2011, 32 Suppl 1, 95-100.	0.2	3
229	Phone camera detection of glucose blood level based on magnetic particles entrapped inside bubble wrap. Neuroendocrinology Letters, 2016, 37, 132-138.	0.2	3
230	Role of Caffeine in the Age-related Neurodegenerative Diseases: A Review. Mini-Reviews in Medicinal Chemistry, 2022, 22, 2726-2735.	2.4	3
231	Pesticide sorption in typical Central European soils evaluated using a photometric microplate assay based on acetylcholinesterase inhibition. Journal of Applied Biomedicine, 2010, 8, 41-46.	1.7	2
232	HI-6 modulates immunization efficacy in a BALB/c mouse model. Environmental Toxicology and Pharmacology, 2013, 36, 801-806.	4.0	2
233	Flow Injection Analysis with Electrochemical Detection for Rapid Identification of Platinum-Based Cytostatics and Platinum Chlorides in Water. International Journal of Environmental Research and Public Health, 2014, 11, 1715-1724.	2.6	2
234	Pyridostigmine bromide and its relation to Gulf War illness. Toxin Reviews, 2020, 39, 138-146.	3.4	2

#	ARTICLE	IF	CITATIONS
235	Colorimetric Method for the Determination of Proteins Using Immobilized Microbial Protease and a Smartphone Camera. <i>Analytical Letters</i> , 2021, 54, 1023-1037.	1.8	2
236	COVID-19 molecular level laboratory diagnoses. <i>Bratislava Medical Journal</i> , 2021, 122, 11-17.	0.8	2
237	Melatonin Regulates Oxidative Stress Initiated by Freund's Complete Adjuvant. <i>Acta Medica (Hradec Kralove)</i> , 2007, 50, 239-41.	0.5	2
238	Analytical Tools for the Determination of Antioxidants and Antioxidant Capacity in Biological Samples, Principles and Applications. <i>Current Organic Chemistry</i> , 2017, 21, .	1.6	2
239	Acetylcholine and an acetylcholinesterase inhibitor neostigmine can aggravate tularemia progress in BALB/c mice. <i>Interdisciplinary Toxicology</i> , 2012, 5, 21-24.	1.0	2
240	Point-of-care diagnosis of COVID-19 disease based on antigen tests. <i>Bratislava Medical Journal</i> , 2021, 122, 763-770.	0.8	2
241	Amperometric biosensor for pesticide methamidophos assay. <i>Acta Medica (Hradec Kralove)</i> , 2007, 50, 239-41.	0.5	2
242	Assessment of low-molecular-weight antioxidants in <i>Francisella tularensis</i> infected hosts: comparison of two rodents with different susceptibility to tularemia. <i>Neuroendocrinology Letters</i> , 2009, 30 Suppl 1, 186-91.	0.2	2
243	Effects of cyanobacterial biomass on avian reproduction: a Japanese quail model. <i>Neuroendocrinology Letters</i> , 2009, 30 Suppl 1, 205-10.	0.2	2
244	Modulation of ionising radiation generated oxidative stress by HI-6 (asoxime) in a laboratory rat model. <i>Neuroendocrinology Letters</i> , 2010, 31 Suppl 2, 62-8.	0.2	2
245	Melatonin influences antioxidant homeostasis and basal metabolism in the BALB/c mouse model. <i>Neuroendocrinology Letters</i> , 2012, 33 Suppl 3, 183-9.	0.2	2
246	Smartphone-based colorimetric detection of glutathione. <i>Neuroendocrinology Letters</i> , 2016, 37, 139-143.	0.2	2
247	Preparation and In Vitro Evaluation of Monoquaternary Inhibitors of Brain Cholinesterases. <i>Letters in Organic Chemistry</i> , 2009, 6, 500-503.	0.5	1
248	Variation of Cholinesterase-Based Biosensor Sensitivity to Inhibition by Organophosphate Due To Ionizing Radiation. <i>Sensors</i> , 2009, 9, 5580-5589.	3.8	1
249	Inhibition of blood and tissue cholinesterases by soman in guinea pigs in vivo. <i>Journal of Applied Biomedicine</i> , 2011, 9, 35-41.	1.7	1
250	Planar Ni(II) 1,2-dithiolenes involving tridentate P-donor ligands. <i>Journal of Coordination Chemistry</i> , 2012, 65, 156-164.	2.2	1
251	Acute toxoplasmosis – etiological factor for development of Hodgkin's lymphoma?. <i>Scandinavian Journal of Infectious Diseases</i> , 2013, 45, 953-956.	1.5	1
252	Galantamine has impact on immunity in mice exposed to keyhole limpet hemocyanin. <i>Bratislava Medical Journal</i> , 2017, 118, 9-12.	0.8	1

#	ARTICLE	IF	CITATIONS
253	Quartz Crystal Microbalance Biosensor for Ergotamine Detection. <i>International Journal of Electrochemical Science</i> , 2020, 15, 4179-4187.	1.3	1
254	The Determination of Lipase Activity by Measuring pH Using ion-Sensitive Field-effect Transistor. <i>International Journal of Electrochemical Science</i> , 2021, 16, 210760.	1.3	1
255	Biosensors for Detection of Francisella Tularensis and Diagnosis of Tularemia. , 0, , .		1
256	Organs of BALB/c mice can be injured in course of tularemia. <i>Biomedical Papers of the Medical Faculty of the University Palacky&#x0301;, Olomouc, Czechoslovakia</i> , 2014, 158, 557-561.	0.6	1
257	Effect of Intramuscular Injection on Oxidative Homeostasis in Laboratory Guinea Pig Model. <i>Acta Medica (Hradec Kralove)</i> , 2016, 59, 59-63.	0.5	1
258	A Butyrylcholinesterase Camera Biosensor Tested for Carbofuran and Paraoxon Assay. <i>International Journal of Analytical Chemistry</i> , 2022, 2022, 1-8.	1.0	1
259	Aflatoxin assay using an acetylcholinesterase based biosensor. <i>Toxicology Letters</i> , 2008, 180, S73.	0.8	0
260	Effect of 10 oxime cholinesterase reactivators on cyclosarin-intoxicated rats. <i>Toxicology Letters</i> , 2009, 189, S213-S214.	0.8	0
261	New Bisquaternary Isoquinolinium Inhibitors of Brain Cholinesterases - Synthesis and Anticholinesterase Activity. <i>Letters in Drug Design and Discovery</i> , 2010, 7, 1-4.	0.7	0
262	TLC analysis of twelve different salts of oxime HI-6 â€” Reactivator of nerve agent inhibited AChE. <i>Journal of Planar Chromatography - Modern TLC</i> , 2011, 24, 105-107.	1.2	0
263	Would be Melatonin Suitable for Obesity Treatment?. <i>Journal of Obesity & Weight Loss Therapy</i> , 2012, 02, .	0.1	0
264	Tacrine can suppress immune response to tularemia in BALB/c mouse model. <i>Journal of Applied Biomedicine</i> , 2013, 11, 187-193.	1.7	0
265	Melatonin changes tularemia progression in a BALB/c mouse model. <i>African Journal of Pharmacy and Pharmacology</i> , 2013, 7, 1917-1923.	0.3	0
266	Postponed effect of neostigmine on oxidative homeostasis. <i>Interdisciplinary Toxicology</i> , 2014, 7, 134-138.	1.0	0
267	Effect of caffeine on oxidative homeostasis in BALB/c mouse model. <i>Toxicology Letters</i> , 2014, 229, S181.	0.8	0
268	Caffeine can influence tularemia pathogenesis in a mouse model. <i>Toxicology Letters</i> , 2015, 238, S218.	0.8	0
269	Toxicity of cyanobacterial secondary metabolites. <i>Reviews in Medical Microbiology</i> , 2015, 26, 59-64.	0.9	0
270	Portable colorimetric biosensor based on acetylcholinesterase for assay of nerve agents. <i>Toxicology Letters</i> , 2016, 258, S321.	0.8	0

#	ARTICLE	IF	CITATIONS
271	Biosensors commercial off the shelf in biological warfare attack. , 2020, , 287-300.		0
272	ANTIOXIDANTS IN PATIENTS LIVING WITH HIV ON ANTIRETROVIRALS. Military Medical Science Letters (Vojenske Zdravotnicke Listy), 0, , .	0.5	0
273	PERMANENT STRUCTURED COOPERATION OF THE EUROPEAN UNION IN THE AREA OF CBRN. Military Medical Science Letters (Vojenske Zdravotnicke Listy), 2021, 90, 43-50.	0.5	0
274	In vitro Screening of Oxime Reactivators on the Model of Paraoxon-inhibited Acetylcholinesterase-SAR Study. Bulletin of the Korean Chemical Society, 2010, 31, 1609-1614.	1.9	0
275	MICROBIAL PROTEASES AND THEIR APPLICATIONS. Military Medical Science Letters (Vojenske) Tj ETQq1 1 0.784314,rgBT /Oyerlock 10	0.5	0
276	DIAGNOSIS OF AUTOIMMUNE DISEASES. Military Medical Science Letters (Vojenske Zdravotnicke Listy), 2018, 87, 74-81.	0.5	0
277	TERRORIST ATTACKS BY LONELY WOLFS AND ITS PREVENTION. Military Medical Science Letters (Vojenske) Tj ETQq1 1 0.784314 rgBT	0.5	0
278	METHODS OF IMMOBILIZATION OF MICROBIAL ENZYMES ON SOLID SURFACES AND THEIR USE. Military Medical Science Letters (Vojenske Zdravotnicke Listy), 0, , .	0.5	0
279	Biochemical insight into soman intoxication and treatment with atropine, HI-6, trimedoxime, and K203 in a rat model. Bratislava Medical Journal, 2011, 112, 539-44.	0.8	0
280	Tacrine alters antibodies level in Francisella tularensis-infected mice. Neuroendocrinology Letters, 2013, 34 Suppl 2, 134-7.	0.2	0
281	Mixture toxicity of microcystin-LR, paraoxon and bromadiolone in Xenopus laevis embryos. Neuroendocrinology Letters, 2015, 36 Suppl 1, 114-9.	0.2	0
282	Celecoxib is an inhibitor of enzyme acetylcholinesterase. Neuroendocrinology Letters, 2016, 37, 118-122.	0.2	0