

Miroslav Pohanka

List of Publications by Year in descending order

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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	New Uses of Melatonin as a Drug; A Review. <i>Current Medicinal Chemistry</i> , 2022, 29, 3622-3637.	2.4	8
2	A Butyrylcholinesterase Camera Biosensor Tested for Carbofuran and Paraoxon Assay. <i>International Journal of Analytical Chemistry</i> , 2022, 2022, 1-8.	1.0	1
3	Role of Caffeine in the Age-related Neurodegenerative Diseases: A Review. <i>Mini-Reviews in Medicinal Chemistry</i> , 2022, 22, 2726-2735.	2.4	3
4	Diagnoses Based on C-Reactive Protein Point-of-Care Tests. <i>Biosensors</i> , 2022, 12, 344.	4.7	6
5	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
6	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
7	COVID-19 molecular level laboratory diagnoses. <i>Bratislava Medical Journal</i> , 2021, 122, 11-17.	0.8	2
8	Glycated Hemoglobin and Methods for Its Point of Care Testing. <i>Biosensors</i> , 2021, 11, 70.	4.7	21
9	PERMANENT STRUCTURED COOPERATION OF THE EUROPEAN UNION IN THE AREA OF CBRN. <i>Military Medical Science Letters (Vojenske Zdravotnicke Listy)</i> , 2021, 90, 43-50.	0.5	0
10	Pharmacological Influencing of The Cholinergic Anti-inflammatory Pathway in Infectious Diseases and Inflammatory Pathologies. <i>Mini-Reviews in Medicinal Chemistry</i> , 2021, 21, 660-669.	2.4	3
11	A Smartphone Camera Colorimetric Assay of Acetylcholinesterase and Butyrylcholinesterase Activity. <i>Sensors</i> , 2021, 21, 1796.	3.8	8
12	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
13	Current Biomedical and Diagnostic Applications of Gold Micro and Nanoparticles. <i>Mini-Reviews in Medicinal Chemistry</i> , 2021, 21, 1085-1095.	2.4	8
14	Heat Shock Protein 60 (HSP60) detection by QCM Biosensor and Antibody Covered Gold Nanoparticles. <i>International Journal of Electrochemical Science</i> , 2021, 16, 210512.	1.3	3
15	Biosensors and Bioanalytical Devices based on Magnetic Particles: A Review. <i>Current Medicinal Chemistry</i> , 2021, 28, 2828-2841.	2.4	3
16	Glucose electrochemical biosensors: The past and current trends. <i>International Journal of Electrochemical Science</i> , 2021, 16, 210719.	1.3	9
17	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
18	Novel Trends in Electrochemical Biosensors for Early Diagnosis of Alzheimer's Disease. <i>International Journal of Analytical Chemistry</i> , 2021, 2021, 1-13.	1.0	6

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19	Point-of-care diagnosis of COVID-19 disease based on antigen tests. Bratislava Medical Journal, 2021, 122, 763-770.	0.8	2
20	Quartz Crystal Microbalance (QCM) Sensing Materials in Biosensors Development. International Journal of Electrochemical Science, 2021, 16, 211220.	1.3	11
21	Pyridostigmine bromide and its relation to Gulf War illness. Toxin Reviews, 2020, 39, 138-146.	3.4	2
22	QCM immunosensor for the determination of Staphylococcus aureus antigen. Chemical Papers, 2020, 74, 451-458.	2.2	15
23	Immunoassay of Glomalin by Quartz Crystal Microbalance Biosensor Containing Iron Oxide Nanoparticles. International Journal of Analytical Chemistry, 2020, 2020, 1-6.	1.0	4
24	D-Lactic Acid as a Metabolite: Toxicology, Diagnosis, and Detection. BioMed Research International, 2020, 2020, 1-9.	1.9	91
25	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
26	Biosensors commercial off the shelf in biological warfare attack. , 2020, , 287-300.		0
27	Immunoassay of interferon gamma by quartz crystal microbalance biosensor. Talanta, 2020, 218, 121167.	5.5	13
28	Quartz Crystal Microbalance Biosensor for Ergotamine Detection. International Journal of Electrochemical Science, 2020, 15, 4179-4187.	1.3	1
29	Glomalin - an interesting protein part of the soil organic matter. Soil and Water Research, 2020, 15, 67-74.	1.7	36
30	Colorimetric hand-held sensors and biosensors with a small digital camera as signal recorder, a review. Reviews in Analytical Chemistry, 2020, 39, 20-30.	3.2	22
31	Screen Printed Electrodes in Biosensors and Bioassays. A Review. International Journal of Electrochemical Science, 2020, 15, 11024-11035.	1.3	25
32	Diagnoses of Pathological States Based on Acetylcholinesterase and Butyrylcholinesterase. Current Medicinal Chemistry, 2020, 27, 2994-3011.	2.4	14
33	Inhibitors of Cholinesterases in Pharmacology: the Current Trends. Mini-Reviews in Medicinal Chemistry, 2020, 20, 1532-1542.	2.4	16
34	Botulinum Toxin as a Biological Warfare Agent: Poisoning, Diagnosis and Countermeasures. Mini-Reviews in Medicinal Chemistry, 2020, 20, 865-874.	2.4	3
35	Bacillus anthracis as a biological warfare agent: infection, diagnosis and countermeasures. Bratislava Medical Journal, 2020, 121, 175-181.	0.8	9
36	TERRORIST ATTACKS BY LONELY WOLFS ANDÂITSÂPREVENTION. Military Medical Science Letters (Vojenske) Tj ETQq0 0 0 rgBT /Overlo	0.5	0

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37	Current Trends in the Biosensors for Biological Warfare Agents Assay. <i>Materials</i> , 2019, 12, 2303.	2.9	47
38	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
39	Piezoelectric Immunosensor for the Determination of C-Reactive Protein. <i>International Journal of Electrochemical Science</i> , 2019, 14, 8470-8478.	1.3	12
40	Construction of a QCM Biosensor for free Hemoglobin Assay. <i>International Journal of Electrochemical Science</i> , 2019, , 5237-5246.	1.3	5
41	Biosensors and Bioassays Based on Lipases, Principles and Applications, a Review. <i>Molecules</i> , 2019, 24, 616.	3.8	50
42	QCM Biosensor for Measurement of Glycated Hemoglobin. <i>International Journal of Electrochemical Science</i> , 2019, 14, 11340-11348.	1.3	3
43	Indoxyl Acetate as a Substrate for Analysis of Lipase Activity. <i>International Journal of Analytical Chemistry</i> , 2019, 2019, 1-7.	1.0	7
44	Nanomaterials as Pseudocatalysts in the Construction of Electrochemical Nonenzymatic Sensors for Healthcare: A Review. <i>Analytical Letters</i> , 2019, 52, 1396-1417.	1.8	8
45	Antidotes Against Methanol Poisoning: A Review. <i>Mini-Reviews in Medicinal Chemistry</i> , 2019, 19, 1126-1133.	2.4	10
46	Superficially Bound Acetylcholinesterase Based on a Chitosan Matrix for Neurotoxic Compound Assay by a Photographic Technique. <i>Analytical Letters</i> , 2018, 51, 1622-1632.	1.8	3
47	Assay of Glomalin Using a Quartz Crystal Microbalance Biosensor. <i>Electroanalysis</i> , 2018, 30, 453-458.	2.9	10
48	Piezoelectric biosensor for the determination of Tumor Necrosis Factor Alpha. <i>Talanta</i> , 2018, 178, 970-973.	5.5	70
49	Iron Oxide Nanoparticles: Innovative Tool in Cancer Diagnosis and Therapy. <i>Advanced Healthcare Materials</i> , 2018, 7, 1700932.	7.6	91
50	Magnetic Particles in Electrochemical Analyses. <i>International Journal of Electrochemical Science</i> , 2018, 13, 12000-12009.	1.3	6
51	The Determination of Human Albumin by a Quartz Crystal Microbalance Immunosensor. <i>International Journal of Electrochemical Science</i> , 2018, , 8471-8480.	1.3	5
52	Oxidative stress in Alzheimer disease as a target for therapy. <i>Bratislava Medical Journal</i> , 2018, 119, 535-543.	0.8	52
53	Digital camera-based lipase biosensor for the determination of paraoxon. <i>Sensors and Actuators B: Chemical</i> , 2018, 273, 610-615.	7.8	16
54	Overview of Piezoelectric Biosensors, Immunosensors and DNA Sensors and Their Applications. <i>Materials</i> , 2018, 11, 448.	2.9	237

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55	Cold deep subduction recorded by remnants of a Paleoproterozoic carbonated slab. <i>Nature Communications</i> , 2018, 9, 2790.	12.8	75
56	Inhibition of Acetylcholinesterase and Butyrylcholinesterase by a Plant Secondary Metabolite Boldine. <i>BioMed Research International</i> , 2018, 2018, 1-5.	1.9	27
57	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
58	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
59	Oxidative stress response of rainbow trout (<i>Oncorhynchus mykiss</i>) to multiple stressors. <i>Acta Veterinaria Brno</i> , 2018, 87, 55-64.	0.5	7
60	MICROBIAL PROTEASES AND THEIR APPLICATIONS. <i>Military Medical Science Letters (Vojenske Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54)</i>	0.5	0
61	DIAGNOSIS OF AUTOIMMUNE DISEASES. <i>Military Medical Science Letters (Vojenske Zdravotnicke Listy)</i> , 2018, 87, 74-81.	0.5	0
62	Recovery of an oxidized majorite inclusion from Earth's deep asthenosphere. <i>Science Advances</i> , 2017, 3, e1601589.	10.3	33
63	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
64	Small camera as a handheld colorimetric tool in the analytical chemistry. <i>Chemical Papers</i> , 2017, 71, 1553-1561.	2.2	22
65	Oxidative Stress and Heavy Metals in Plants. <i>Reviews of Environmental Contamination and Toxicology</i> , 2017, 245, 129-156.	1.3	69
66	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
67	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
68	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
69	Anti-Parkinson Drug Biperiden Inhibits Enzyme Acetylcholinesterase. <i>BioMed Research International</i> , 2017, 2017, 1-5.	1.9	19
70	>Main streams in the Construction of Biosensors and Their Applications. <i>International Journal of Electrochemical Science</i> , 2017, 12, 7386-7403.	1.3	65
71	The Piezoelectric Biosensors: Principles and Applications, a Review. <i>International Journal of Electrochemical Science</i> , 2017, 12, 496-506.	1.3	121
72	Galantamine has impact on immunity in mice exposed to keyhole limpet hemocyanin. <i>Bratislava Medical Journal</i> , 2017, 118, 9-12.	0.8	1

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73	Biosensors Based on Semiconductors, a Review. International Journal of Electrochemical Science, 2017, 12, 6611-6621.	1.3	13
74	Sensors Based on Molecularly Imprinted Polymers. International Journal of Electrochemical Science, 2017, 12, 8082-8094.	1.3	18
75	Analytical Tools for the Determination of Antioxidants and Antioxidant Capacity in Biological Samples, Principles and Applications. Current Organic Chemistry, 2017, 21, .	1.6	2
76	Quantum Dots in the Therapy: Current Trends and Perspectives. Mini-Reviews in Medicinal Chemistry, 2017, 17, 650-656.	2.4	27
77	Electrochemical Biosensors based on Acetylcholinesterase and Butyrylcholinesterase. A Review. International Journal of Electrochemical Science, 2016, 11, 7440-7452.	1.3	16
78	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
79	Voltammetric Biosensor Based on a Modified Chitosan Membrane Enzyme Peroxidase. International Journal of Electrochemical Science, 2016, , 10391-10406.	1.3	5
80	Electrochemical Determination of Activity of Acetylcholinesterase Immobilized on Magnetic Particles. International Journal of Electrochemical Science, 2016, 11, 4840-4849.	1.3	10
81	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
82	Colorimetric Glucose Assay Based on Magnetic Particles Having Pseudo-peroxidase Activity and Immobilized Glucose Oxidase. Molecular Biotechnology, 2016, 58, 373-380.	2.4	9
83	Evaluation of the benefit of the bispyridinium compound MB327 for the antidotal treatment of nerve agent-poisoned mice. Toxicology Mechanisms and Methods, 2016, 26, 334-339.	2.7	11
84	Biosensors for the Diagnosis of Celiac Disease: Current Status and Future Perspectives. Molecular Biotechnology, 2016, 58, 381-392.	2.4	8
85	Three-Dimensional Printing in Analytical Chemistry: Principles and Applications. Analytical Letters, 2016, 49, 2865-2882.	1.8	29
86	Portable colorimetric biosensor based on acetylcholinesterase for assay of nerve agents. Toxicology Letters, 2016, 258, S321.	0.8	0
87	Colorimetric sensor based on bubble wrap and camera phone for glucose determination. Journal of Applied Biomedicine, 2016, 14, 315-319.	1.7	9
88	Colorimetric sol gel based biosensor platform for determination of reduced glutathione. Sensors and Actuators B: Chemical, 2016, 236, 442-449.	7.8	9
89	TRPV currents and their role in the nociception and neuroplasticity. Neuropeptides, 2016, 57, 1-8.	2.2	22
90	Caffeine and cardiovascular diseases: critical review of current research. European Journal of Nutrition, 2016, 55, 1331-1343.	3.9	67

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91	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
92	Toxicology and the biological role of methanol and ethanol: Current view. <i>Biomedical Papers of the Medical Faculty of the University Palacky&#x0301;, Olomouc, Czechoslovakia</i> , 2016, 160, 54-63.	0.6	41
93	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
94	Celecoxib is an inhibitor of enzyme acetylcholinesterase. <i>Neuroendocrinology Letters</i> , 2016, 37, 118-122.	0.2	0
95	Phone camera detection of glucose blood level based on magnetic particles entrapped inside bubble wrap. <i>Neuroendocrinology Letters</i> , 2016, 37, 132-138.	0.2	3
96	Smartphone-based colorimetric detection of glutathione. <i>Neuroendocrinology Letters</i> , 2016, 37, 139-143.	0.2	2
97	Caffeine can influence tularemia pathogenesis in a mouse model. <i>Toxicology Letters</i> , 2015, 238, S218.	0.8	0
98	The Spectrum of Differences between Childhood and Adulthood Celiac Disease. <i>Nutrients</i> , 2015, 7, 8733-8751.	4.1	49
99	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
100	The perspective of caffeine and caffeine derived compounds in therapy. <i>Bratislava Medical Journal</i> , 2015, 116, 520-530.	0.8	22
101	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
102	Biosensors for Blood Glucose and Diabetes Diagnosis: Evolution, Construction, and Current Status. <i>Analytical Letters</i> , 2015, 48, 2509-2532.	1.8	43
103	Toxicity of cyanobacterial secondary metabolites. <i>Reviews in Medical Microbiology</i> , 2015, 26, 59-64.	0.9	0
104	Evaluation of 2,6-dichlorophenolindophenol acetate as a substrate for acetylcholinesterase activity assay. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2015, 30, 796-799.	5.2	8
105	Determination of acetylcholinesterase and butyrylcholinesterase activity without dilution of biological samples. <i>Chemical Papers</i> , 2015, 69, .	2.2	5
106	Biosensors containing acetylcholinesterase and butyrylcholinesterase as recognition tools for detection of various compounds. <i>Chemical Papers</i> , 2015, 69, .	2.2	23
107	Caffeine downregulates antibody production in a mouse model. <i>Journal of Applied Biomedicine</i> , 2015, 13, 1-6.	1.7	8
108	Melatonin Regulates Oxidative Stress Initiated by Freund’s Complete Adjuvant. <i>Acta Medica (Hradec) Tj ETQq0,0,0 rgBT /Q</i> ^{Overlock 1}	0,5	2

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109	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
110	Mixture toxicity of microcystin-LR, paraoxon and bromadiolone in <i>Xenopus laevis</i> embryos. <i>Neuroendocrinology Letters</i> , 2015, 36 Suppl 1, 114-9.	0.2	0
111	Caffeine alters oxidative homeostasis in the body of BALB/c mice. <i>Bratislava Medical Journal</i> , 2014, 115, 699-703.	0.8	4
112	Flow Injection Analysis with Electrochemical Detection for Rapid Identification of Platinum-Based Cytostatics and Platinum Chlorides in Water. <i>International Journal of Environmental Research and Public Health</i> , 2014, 11, 1715-1724.	2.6	2
113	Inhibitors of Acetylcholinesterase and Butyrylcholinesterase Meet Immunity. <i>International Journal of Molecular Sciences</i> , 2014, 15, 9809-9825.	4.1	186
114	Oxidative stress and liver damage in birds exposed to diclofenac and lead. <i>Acta Veterinaria Brno</i> , 2014, 83, 299-304.	0.5	13
115	Postponed effect of neostigmine on oxidative homeostasis. <i>Interdisciplinary Toxicology</i> , 2014, 7, 134-138.	1.0	0
116	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
117	Copper, aluminum, iron and calcium inhibit human acetylcholinesterase in vitro. <i>Environmental Toxicology and Pharmacology</i> , 2014, 37, 455-459.	4.0	33
118	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
119	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
120	Effect of caffeine on oxidative homeostasis in BALB/c mouse model. <i>Toxicology Letters</i> , 2014, 229, S181.	0.8	0
121	Novel tacrine/acridine anticholinesterase inhibitors with piperazine and thiourea linkers. <i>International Journal of Biological Macromolecules</i> , 2014, 70, 435-439.	7.5	38
122	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
123	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
124	The Effects of Caffeine on the Cholinergic System. <i>Mini-Reviews in Medicinal Chemistry</i> , 2014, 14, 543-549.	2.4	16
125	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
126	Cholinesterases in Biorecognition and Biosensors Construction: A Review. <i>Analytical Letters</i> , 2013, 46, 1849-1868.	1.8	56

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127	Lead toxicosis of captive vultures: case description and responses to chelation therapy. <i>BMC Veterinary Research</i> , 2013, 9, 11.	1.9	31
128	Chromogenic detection of Sarin by discolouring decomplexation of a metal coordination complex. <i>Chemical Communications</i> , 2013, 49, 8946.	4.1	32
129	HI-6 modulates immunization efficacy in a BALB/c mouse model. <i>Environmental Toxicology and Pharmacology</i> , 2013, 36, 801-806.	4.0	2
130	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
131	Acute toxoplasmosis – etiological factor for development of Hodgkin's lymphoma?. <i>Scandinavian Journal of Infectious Diseases</i> , 2013, 45, 953-956.	1.5	1
132	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
133	Role of oxidative stress in infectious diseases. A review. <i>Folia Microbiologica</i> , 2013, 58, 503-513.	2.3	114
134	Impact of melatonin on immunity: a review. <i>Open Medicine (Poland)</i> , 2013, 8, 369-376.	1.3	11
135	An Acetylcholinesterase-Based Chronoamperometric Biosensor for Fast and Reliable Assay of Nerve Agents. <i>Sensors</i> , 2013, 13, 11498-11506.	3.8	30
136	Caffeine Inhibits Acetylcholinesterase, But Not Butyrylcholinesterase. <i>International Journal of Molecular Sciences</i> , 2013, 14, 9873-9882.	4.1	87
137	Sulfur mustard induced oxidative stress and its alteration using asoxime (HI-6). <i>Interdisciplinary Toxicology</i> , 2013, 6, 198-202.	1.0	7
138	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
139	Spectrophotometric Assay of Aflatoxin B1 Using Acetylcholinesterase Immobilized on Standard Microplates. <i>Analytical Letters</i> , 2013, 46, 1306-1315.	1.8	19
140	Butyrylcholinesterase as a biochemical marker. <i>Bratislava Medical Journal</i> , 2013, 114, 726-734.	0.8	38
141	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
142	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
143	Alzheimer's Disease and Oxidative Stress: A Review. <i>Current Medicinal Chemistry</i> , 2013, 21, 356-364.	2.4	181
144	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

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145	A Resurrection of 7-MEOTA: A Comparison with Tacrine. <i>Current Alzheimer Research</i> , 2013, 10, 893-906.	1.4	92
146	Tacrine alters antibodies level in <i>Francisella tularensis</i> -infected mice. <i>Neuroendocrinology Letters</i> , 2013, 34 Suppl 2, 134-7.	0.2	0
147	Alpha7 Nicotinic Acetylcholine Receptor Is a Target in Pharmacology and Toxicology. <i>International Journal of Molecular Sciences</i> , 2012, 13, 2219-2238.	4.1	145
148	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
149	Antioxidants Countermeasures Against Sulfur Mustard. <i>Mini-Reviews in Medicinal Chemistry</i> , 2012, 12, 742-748.	2.4	28
150	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
151	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
152	Planar Ni(II) 1,2-dithiolenes involving tridentate P-donor ligands. <i>Journal of Coordination Chemistry</i> , 2012, 65, 156-164.	2.2	1
153	The progress in the cholinesterase quantification methods. <i>Expert Opinion on Drug Discovery</i> , 2012, 7, 1207-1223.	5.0	55
154	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
155	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
156	Would be Melatonin Suitable for Obesity Treatment?. <i>Journal of Obesity & Weight Loss Therapy</i> , 2012, 02, .	0.1	0
157	Acetylcholinesterase based assay of eleven organophosphorus pesticides: finding of assay limitations. <i>International Journal of Environmental Analytical Chemistry</i> , 2012, 92, 125-132.	3.3	7
158	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
159	Acetylcholinesterase inhibitors: a patent review (2008 – present). <i>Expert Opinion on Therapeutic Patents</i> , 2012, 22, 871-886.	5.0	127
160	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
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