

Eugenie Nepovimova

List of Publications by Year in descending order

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Version: 2024-02-01

171
papers

5,478
citations

87401

40
h-index

129628

63
g-index

172
all docs

172
docs citations

172
times ranked

5818
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent advances in the concept of paraprobiotics: Nutraceutical/functional properties for promoting children health. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 3943-3958.	5.4	15
2	Hypothesis: JNK signaling is a therapeutic target of neurodegenerative diseases. <i>Alzheimer's and Dementia</i> , 2022, 18, 152-158.	0.4	22
3	Signal transducer and activator of transcription 3 signaling in tumor immune evasion. , 2022, 230, 107969.		28
4	Millennium Nutrient N,N-Dimethylglycine (DMG) and its Effectiveness in Autism Spectrum Disorders. <i>Current Medicinal Chemistry</i> , 2022, 29, 2632-2651.	1.2	2
5	MicroRNA regulates the toxicological mechanism of four mycotoxins in vivo and in vitro. <i>Journal of Animal Science and Biotechnology</i> , 2022, 13, 37.	2.1	8
6	<i>Bacillus velezensis</i> A2 Inhibited the Cecal Inflammation Induced by Zearalenone by Regulating Intestinal Flora and Short-Chain Fatty Acids. <i>Frontiers in Nutrition</i> , 2022, 9, 806115.	1.6	9
7	Phytoremediation of heavy metal pollution: Hotspots and future prospects. <i>Ecotoxicology and Environmental Safety</i> , 2022, 234, 113403.	2.9	47
8	Toxic mechanisms of the trichothecenes T-2 toxin and deoxynivalenol on protein synthesis. <i>Food and Chemical Toxicology</i> , 2022, 164, 113044.	1.8	14
9	Ethnomedicinal plants used for the treatment of neurodegenerative diseases in Himachal Pradesh, India in Western Himalaya. <i>Journal of Ethnopharmacology</i> , 2022, 293, 115318.	2.0	9
10	Procyanidins inhibit zearalenone-induced apoptosis and oxidative stress of porcine testis cells through activation of Nrf2 signaling pathway. <i>Food and Chemical Toxicology</i> , 2022, 165, 113061.	1.8	11
11	Medicinal, nutritional, and nutraceutical potential of <i>Sparassis crispa</i> s. lat.: a review. <i>IMA Fungus</i> , 2022, 13, 8.	1.7	8
12	Theoretical assessment of the performances of commercial oximes on the reactivation of acetylcholinesterase inhibited by the nerve agent A-242 (novichok). <i>Food and Chemical Toxicology</i> , 2022, 165, 113084.	1.8	11
13	Contemporary mTOR inhibitor scaffolds to diseases breakdown: A patent review (2015â€“2021). <i>European Journal of Medicinal Chemistry</i> , 2022, 238, 114498.	2.6	16
14	Hypoxia-inducible factors: master regulators of hypoxic tumor immune escape. <i>Journal of Hematology and Oncology</i> , 2022, 15, .	6.9	112
15	Antibiotics and Antibiotic Resistance- Flipsides of the Same Coin. <i>Current Pharmaceutical Design</i> , 2022, 28, 2312-2329.	0.9	11
16	Are the current commercially available oximes capable of reactivating acetylcholinesterase inhibited by the nerve agents of the A-series?. <i>Archives of Toxicology</i> , 2022, 96, 2559-2572.	1.9	10
17	Deoxynivalenol and its modified forms: key enzymes, inter-individual and interspecies differences in metabolism. <i>Drug Metabolism Reviews</i> , 2022, 54, 331-342.	1.5	1
18	Mycorrhizal inoculation impact on <i>Acorus calamus</i> L. - An ethnomedicinal plant of western Himalaya and its in silico studies for anti-inflammatory potential. <i>Journal of Ethnopharmacology</i> , 2021, 265, 113353.	2.0	8

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19	The role of hypoxia-inducible factor 1 in tumor immune evasion. <i>Medicinal Research Reviews</i> , 2021, 41, 1622-1643.	5.0	157
20	2-Propargylamino-naphthoquinone derivatives as multipotent agents for the treatment of Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2021, 211, 113112.	2.6	19
21	Searching for potential drugs against SARS-CoV-2 through virtual screening on several molecular targets. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, , 1-14.	2.0	5
22	Design, synthesis, <i>in silico</i> studies and <i>in vitro</i> evaluation of isatin-pyridine oximes hybrids as novel acetylcholinesterase reactivators. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2021, 36, 1369-1376.	2.5	10
23	Aflatoxin Detoxification Using Microorganisms and Enzymes. <i>Toxins</i> , 2021, 13, 46.	1.5	52
24	Optimization of Tilmicosin-Loaded Nanostructured Lipid Carriers Using Orthogonal Design for Overcoming Oral Administration Obstacle. <i>Pharmaceutics</i> , 2021, 13, 303.	2.0	3
25	Tacrine – Benzothiazoles: Novel class of potential multitarget anti-Alzheimer's drugs dealing with cholinergic, amyloid and mitochondrial systems. <i>Bioorganic Chemistry</i> , 2021, 107, 104596.	2.0	17
26	Chemistry and Toxicology of Major Bioactive Substances in <i>Inocybe</i> Mushrooms. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2218.	1.8	24
27	The trichothecene neosolanol stimulates an emetic response through neuropeptide Y2 and serotonin 3 receptors in mink. <i>Toxicology</i> , 2021, 452, 152718.	2.0	1
28	Determination of Colistin B in Chicken Muscle and Egg Using Ultra-High-Performance Liquid Chromatography-Tandem Mass Spectrometry. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 2651.	1.2	11
29	Computational evidence for nitro derivatives of quinoline and quinoline N-oxide as low-cost alternative for the treatment of SARS-CoV-2 infection. <i>Scientific Reports</i> , 2021, 11, 6397.	1.6	11
30	Plant Prebiotics and Their Role in the Amelioration of Diseases. <i>Biomolecules</i> , 2021, 11, 440.	1.8	47
31	Rapamycin: Drug Repurposing in SARS-CoV-2 Infection. <i>Pharmaceutics</i> , 2021, 14, 217.	1.7	26
32	Hypoxia, oxidative stress, and immune evasion: a trinity of the trichothecenes T-2 toxin and deoxynivalenol (DON). <i>Archives of Toxicology</i> , 2021, 95, 1899-1915.	1.9	42
33	Back Cover Image, Volume 41, Issue 3. <i>Medicinal Research Reviews</i> , 2021, 41, iv.	5.0	0
34	Biomarkers of deoxynivalenol (DON) and its modified form DON-3-glucoside (DON-3G) in humans. <i>Trends in Food Science and Technology</i> , 2021, 110, 551-558.	7.8	14
35	Seed Priming and Coating by Nano-Scale Zinc Oxide Particles Improved Vegetative Growth, Yield and Quality of Fodder Maize (<i>Zea mays</i>). <i>Agronomy</i> , 2021, 11, 729.	1.3	49
36	Hybrid Materials Based on Magnetic Iron Oxides with Benzothiazole Derivatives: A Plausible Potential Spectroscopy Probe. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3980.	1.8	7

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37	Potential Usage of Edible Mushrooms and Their Residues to Retrieve Valuable Supplies for Industrial Applications. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 427.	1.5	28
38	Conifers Phytochemicals: A Valuable Forest with Therapeutic Potential. <i>Molecules</i> , 2021, 26, 3005.	1.7	26
39	<i>Bacillus amyloliquefaciens</i> B10 can alleviate liver apoptosis and oxidative stress induced by aflatoxin B1. <i>Food and Chemical Toxicology</i> , 2021, 151, 112124.	1.8	42
40	Applications of Fruit Polyphenols and Their Functionalized Nanoparticles Against Foodborne Bacteria: A Mini Review. <i>Molecules</i> , 2021, 26, 3447.	1.7	24
41	Combined Effect of Deoxynivalenol (DON) and Porcine Circovirus Type 2 (Pcv2) on Inflammatory Cytokine mRNA Expression. <i>Toxins</i> , 2021, 13, 422.	1.5	5
42	<i>Bacillus amyloliquefaciens</i> B10 can alleviate aflatoxin B1-induced kidney oxidative stress and apoptosis in mice. <i>Ecotoxicology and Environmental Safety</i> , 2021, 218, 112286.	2.9	23
43	Exosome/Liposome-like Nanoparticles: New Carriers for CRISPR Genome Editing in Plants. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7456.	1.8	37
44	Deoxynivalenol (Vomitoxin)-Induced Anorexia Is Induced by the Release of Intestinal Hormones in Mice. <i>Toxins</i> , 2021, 13, 512.	1.5	10
45	Neuropharmacology of Cevimeline and Muscarinic Drugs—Focus on Cognition and Neurodegeneration. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8908.	1.8	4
46	Hypothesis: Long non-coding RNA is a potential target of mycotoxins. <i>Food and Chemical Toxicology</i> , 2021, 155, 112397.	1.8	5
47	<i>Bacillus amyloliquefaciens</i> B10 inhibits aflatoxin B1-induced cecal inflammation in mice by regulating their intestinal flora. <i>Food and Chemical Toxicology</i> , 2021, 156, 112438.	1.8	15
48	The role of mTOR in age-related diseases. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2021, 36, 1678-1692.	2.5	31
49	Nanotechnology Interventions in the Management of COVID-19: Prevention, Diagnosis and Virus-Like Particle Vaccines. <i>Vaccines</i> , 2021, 9, 1129.	2.1	26
50	Agroinfiltration Mediated Scalable Transient Gene Expression in Genome Edited Crop Plants. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10882.	1.8	21
51	Effect of drug metabolism in the treatment of SARS-CoV-2 from an entirely computational perspective. <i>Scientific Reports</i> , 2021, 11, 19998.	1.6	6
52	Phytoantioxidant Functionalized Nanoparticles: A Green Approach to Combat Nanoparticle-Induced Oxidative Stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-20.	1.9	20
53	Marine Invertebrate Peptides: Antimicrobial Peptides. <i>Frontiers in Microbiology</i> , 2021, 12, 785085.	1.5	25
54	Interaction of synthesized nitrogen enriched graphene quantum dots with novel anti-Alzheimer's™s drugs: spectroscopic insights. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020, 38, 1-16.	2.0	12

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55	Oxime K074 "in vitro" and "in silico" reactivation of acetylcholinesterase inhibited by nerve agents and pesticides. <i>Toxin Reviews</i> , 2020, 39, 157-166.	1.5	5
56	Understanding the Interaction Modes and Reactivity of Trimedoxime toward MmAChE Inhibited by Nerve Agents: Theoretical and Experimental Aspects. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6510.	1.8	2
57	Protective Effects of Simvastatin on Endotoxin-Induced Acute Kidney Injury through Activation of Tubular Epithelial Cells' Survival and Hinderling Cytochrome C-Mediated Apoptosis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7236.	1.8	19
58	Plant Fortification of the Diet for Anti-Ageing Effects: A Review. <i>Nutrients</i> , 2020, 12, 3008.	1.7	28
59	The neurotoxicity of trichothecenes T-2 toxin and deoxynivalenol (DON): Current status and future perspectives. <i>Food and Chemical Toxicology</i> , 2020, 145, 111676.	1.8	41
60	Analysis of PON1 gene polymorphisms (rs662 and rs854560) and inflammatory markers in organophosphate pesticides exposed cohorts from two distinct populations.. <i>Environmental Research</i> , 2020, 191, 110210.	3.7	11
61	Adjunct use of honey in diabetes mellitus: A consensus or conundrum?. <i>Trends in Food Science and Technology</i> , 2020, 106, 254-274.	7.8	31
62	Type A Trichothecene Diacetoxyscirpenol-Induced Emesis Corresponds to Secretion of Peptide YY and Serotonin in Mink. <i>Toxins</i> , 2020, 12, 419.	1.5	10
63	Antioxidant Functionalized Nanoparticles: A Combat against Oxidative Stress. <i>Nanomaterials</i> , 2020, 10, 1334.	1.9	106
64	Bioactive Compounds of Edible Fruits with Their Anti-Aging Properties: A Comprehensive Review to Prolong Human Life. <i>Antioxidants</i> , 2020, 9, 1123.	2.2	106
65	Fruit Extract Mediated Green Synthesis of Metallic Nanoparticles: A New Avenue in Pomology Applications. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8458.	1.8	72
66	Conifer-Derived Metallic Nanoparticles: Green Synthesis and Biological Applications. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9028.	1.8	31
67	Flakka: New Dangerous Synthetic Cathinone on the Drug Scene. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8185.	1.8	16
68	Vaccine Design from the Ensemble of Surface Glycoprotein Epitopes of SARS-CoV-2: An Immunoinformatics Approach. <i>Vaccines</i> , 2020, 8, 423.	2.1	55
69	Understanding of Colistin Usage in Food Animals and Available Detection Techniques: A Review. <i>Animals</i> , 2020, 10, 1892.	1.0	29
70	Malus domestica: A Review on Nutritional Features, Chemical Composition, Traditional and Medicinal Value. <i>Plants</i> , 2020, 9, 1408.	1.6	61
71	Detection of Bacterial Pathogens and Antibiotic Residues in Chicken Meat: A Review. <i>Foods</i> , 2020, 9, 1504.	1.9	15
72	An update on T-2 toxin and its modified forms: metabolism, immunotoxicity mechanism, and human exposure assessment. <i>Archives of Toxicology</i> , 2020, 94, 3645-3669.	1.9	50

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73	Oxidative Stress and Analysis of Selected SNPs of ACHE (rs 2571598), BCHE (rs 3495), CAT (rs 7943316), SIRT1 (rs 10823108), GSTP1 (rs 1695), and Gene GSTM1, GSTT1 in Chronic Organophosphates Exposed Groups from Cameroon and Pakistan. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6432.	1.8	7
74	Pleurotus Macrofungi-Assisted Nanoparticle Synthesis and Its Potential Applications: A Review. <i>Journal of Fungi</i> (Basel, Switzerland), 2020, 6, 351.	1.5	36
75	The oxazolomycin family: a review of current knowledge. <i>RSC Advances</i> , 2020, 10, 40745-40794.	1.7	4
76	Antidotal Potency of the Novel, Structurally Different Adsorbents in Rats Acutely Intoxicated with the T-2 Toxin. <i>Toxins</i> , 2020, 12, 643.	1.5	7
77	Digoxin: Pharmacology and toxicologyâ€”A review. <i>Environmental Toxicology and Pharmacology</i> , 2020, 79, 103400.	2.0	56
78	Cannabis Constituents and Acetylcholinesterase Interaction: Molecular Docking, In Vitro Studies and Association with CNR1 rs806368 and ACHE rs17228602. <i>Biomolecules</i> , 2020, 10, 758.	1.8	18
79	Phenytoin â€” An anti-seizure drug: Overview of its chemistry, pharmacology and toxicology. <i>Food and Chemical Toxicology</i> , 2020, 142, 111393.	1.8	43
80	History of toxicology: from killers to healers. , 2020, , 3-15.		1
81	Fruit and Vegetable Peels: Utilization of High Value Horticultural Waste in Novel Industrial Applications. <i>Molecules</i> , 2020, 25, 2812.	1.7	114
82	Arbuscular Mycorrhizal Fungi as Potential Agents in Ameliorating Heavy Metal Stress in Plants. <i>Agronomy</i> , 2020, 10, 815.	1.3	105
83	Novichoks. , 2020, , 143-148.		2
84	7-Methoxytacrine and 2-Aminobenzothiazole Heterodimers: Structureâ€”Mechanism Relationship of Amyloid Inhibitors Based on Rational Design. <i>ACS Chemical Neuroscience</i> , 2020, 11, 715-729.	1.7	10
85	Cardiomyopathy induced by T-2 toxin in rats. <i>Food and Chemical Toxicology</i> , 2020, 137, 111138.	1.8	19
86	Influence of Family Environment and Tobacco Addiction: A Short Report from a Post-Graduate Teaching Hospital, India. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 2868.	1.2	9
87	Role of Vacha (<i>Acorus calamus</i> Linn.) in Neurological and Metabolic Disorders: Evidence from Ethnopharmacology, Phytochemistry, Pharmacology and Clinical Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 1176.	1.0	49
88	Flower-Based Green Synthesis of Metallic Nanoparticles: Applications beyond Fragrance. <i>Nanomaterials</i> , 2020, 10, 766.	1.9	103
89	The Significance of Reactive Oxygen Species and Antioxidant Defense System in Plants: A Concise Overview. <i>Frontiers in Plant Science</i> , 2020, 11, 552969.	1.7	336
90	Cyclosporine A: Chemistry and Toxicity â€” A Review. <i>Current Medicinal Chemistry</i> , 2020, 27, 3925-3934.	1.2	50

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91	Psoralen: A Biologically Important Coumarin with Emerging Applications. <i>Mini-Reviews in Medicinal Chemistry</i> , 2020, 20, 1838-1845.	1.1	24
92	Novel cholinesterase reactivators. , 2020, , 1161-1177.		0
93	The history of poisoning: from ancient times until modern ERA. <i>Archives of Toxicology</i> , 2019, 93, 11-24.	1.9	44
94	Efficacy of methylprednisolone on T-2 toxin-induced cardiotoxicity in vivo: A pathohistological study. <i>Environmental Toxicology and Pharmacology</i> , 2019, 71, 103221.	2.0	13
95	<i>Jatropha gossypifolia</i> L. and its biologically active metabolites: A mini review. <i>Journal of Ethnopharmacology</i> , 2019, 234, 197-203.	2.0	19
96	Interspecies and intergender differences in acute toxicity of K-oximes drug candidates. <i>Chemico-Biological Interactions</i> , 2019, 308, 312-316.	1.7	6
97	Molecular modelling studies on the interactions of 7-methoxytacrine-4-pyridinealdoxime with VX-inhibited human acetylcholinesterase. A near attack approach to assess different spacer-lengths. <i>Chemico-Biological Interactions</i> , 2019, 307, 195-205.	1.7	5
98	Molecular modeling studies on the interactions of 7-methoxytacrine-4-pyridinealdoxime, 4-PA, 2-PAM, and obidoxime with VX-inhibited human acetylcholinesterase: a near attack conformation approach. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2019, 34, 1018-1029.	2.5	18
99	Non-conventional compounds with potential therapeutic effects against Alzheimer's disease. <i>Expert Review of Neurotherapeutics</i> , 2019, 19, 375-395.	1.4	12
100	Traditional Ayurvedic and herbal remedies for Alzheimer's disease: from bench to bedside. <i>Expert Review of Neurotherapeutics</i> , 2019, 19, 359-374.	1.4	50
101	Novichoks: The Dangerous Fourth Generation of Chemical Weapons. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1222.	1.8	85
102	A New Method for Extraction and Analysis of Ricin Samples through MALDI-TOF-MS/MS. <i>Toxins</i> , 2019, 11, 201.	1.5	8
103	Simvastatin Inhibits Endotoxin-Induced Apoptosis in Liver and Spleen Through Up-Regulation of Survivin/NF- κ B/p65 Expression. <i>Frontiers in Pharmacology</i> , 2019, 10, 54.	1.6	23
104	Toxic Injury to Muscle Tissue of Rats Following Acute Oximes Exposure. <i>Scientific Reports</i> , 2019, 9, 1457.	1.6	17
105	Novel tacrine-tryptophan hybrids: Multi-target directed ligands as potential treatment for Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2019, 168, 491-514.	2.6	75
106	Donepezil Derivatives Targeting Amyloid- β Cascade in Alzheimer's Disease. <i>Current Alzheimer Research</i> , 2019, 16, 772-800.	0.7	18
107	Combination of Memantine and 6-Chlorotacrine as Novel Multi-Target Compound against Alzheimer's Disease. <i>Current Alzheimer Research</i> , 2019, 16, 821-833.	0.7	17
108	Acute Toxic Injuries of Rat's Visceral Tissues Induced by Different Oximes. <i>Scientific Reports</i> , 2019, 9, 16425.	1.6	8

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109	Orexin supplementation in narcolepsy treatment: A review. <i>Medicinal Research Reviews</i> , 2019, 39, 961-975.	5.0	31
110	Experimental hydrophilic reactivator: bisoxime with three positive charges. <i>Chemical Papers</i> , 2019, 73, 777-782.	1.0	6
111	Antimicrobial Peptides: Amphibian Host Defense Peptides. <i>Current Medicinal Chemistry</i> , 2019, 26, 5924-5946.	1.2	60
112	N-alkylated Tacrine Derivatives as Potential Agents in Alzheimer's Disease Therapy. <i>Current Alzheimer Research</i> , 2019, 16, 333-343.	0.7	5
113	Are we facing NOVICHOK nerve agent threat?. <i>Australasian Medical Journal</i> , 2019, 12, .	0.1	5
114	The concept of hybrid molecules of tacrine and benzyl quinolone carboxylic acid (BQCA) as multifunctional agents for Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2018, 150, 292-306.	2.6	60
115	Profiling donepezil template into multipotent hybrids with antioxidant properties. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2018, 33, 583-606.	2.5	44
116	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. <i>Journal of Applied Biomedicine</i> , 2018, 16, 10-14.	0.6	4
117	Newly Developed Drugs for Alzheimer's Disease in Relation to Energy Metabolism, Cholinergic and Monoaminergic Neurotransmission. <i>Neuroscience</i> , 2018, 370, 191-206.	1.1	48
118	The New Acetylcholinesterase Inhibitors PC ³⁷ and PC ⁴⁸ (7-Methoxytacrine and Donepezil-Like Compounds): Characterization of Their Metabolites in Human Liver Microsomes, Pharmacokinetics and <i>In Vivo</i> Formation of the Major Metabolites in Rats. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2018, 122, 373-382.	1.2	10
119	Intermolecular interactions between DNA and methamphetamine, amphetamine, ecstasy and their major metabolites. <i>Journal of Biomolecular Structure and Dynamics</i> , 2018, 36, 3047-3057.	2.0	3
120	Quantification through TLC-densitometric analysis, repellency and anticholinesterase activity of the homemade extract of Indian cloves. <i>Biomedical Chromatography</i> , 2018, 32, e4096.	0.8	7
121	Palytoxin congeners. <i>Archives of Toxicology</i> , 2018, 92, 143-156.	1.9	27
122	Comparative Evaluation of Open Source Laboratory Information and Management Systems. , 2018, , .		2
123	A Review on the Synthesis and Bioactivity Aspects of Beauvericin, a Fusarium Mycotoxin. <i>Frontiers in Pharmacology</i> , 2018, 9, 1338.	1.6	62
124	Investigation of New Orexin 2 Receptor Modulators Using In Silico and In Vitro Methods. <i>Molecules</i> , 2018, 23, 2926.	1.7	6
125	Molecular Modeling and In Vitro Studies of a Neutral Oxime as a Potential Reactivator for Acetylcholinesterase Inhibited by Paraoxon. <i>Molecules</i> , 2018, 23, 2954.	1.7	15
126	Chemical warfare agent NOVICHOK - mini-review of available data. <i>Food and Chemical Toxicology</i> , 2018, 121, 343-350.	1.8	89

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127	Novel Group of AChE Reactivatorsâ€™ Synthesis, In Vitro Reactivation and Molecular Docking Study. <i>Molecules</i> , 2018, 23, 2291.	1.7	13
128	Insights into the pharmaceuticals and mechanisms of neurological orphan diseases: Current Status and future expectations. <i>Progress in Neurobiology</i> , 2018, 169, 135-157.	2.8	6
129	Mechanism of cyclosporine A nephrotoxicity: Oxidative stress, autophagy, and signalings. <i>Food and Chemical Toxicology</i> , 2018, 118, 889-907.	1.8	94
130	Synthesis, Biological Evaluation, and Docking Studies of Novel Bisquaternary Aldoxime Reactivators on Acetylcholinesterase and Butyrylcholinesterase Inhibited by Paraoxon. <i>Molecules</i> , 2018, 23, 1103.	1.7	11
131	A newly developed oxime K203 is the most effective reactivator of tabun-inhibited acetylcholinesterase. <i>BMC Pharmacology & Toxicology</i> , 2018, 19, 8.	1.0	53
132	The Efficacy of Amifostine against Multiple-Dose Doxorubicin-Induced Toxicity in Rats. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2370.	1.8	29
133	Development of small bisquaternary cholinesterase inhibitors as drugs for pre-treatment of nerve agent poisonings. <i>Drug Design, Development and Therapy</i> , 2018, Volume 12, 505-512.	2.0	4
134	A Review of the Synthesis of Quaternary Acetylcholinesterase Reactivators. <i>Current Organic Chemistry</i> , 2018, 22, 1619-1648.	0.9	6
135	Cholinesterase Inhibitor 6-Chlorotacrine - In Vivo Toxicological Profile and Behavioural Effects. <i>Current Alzheimer Research</i> , 2018, 15, 552-560.	0.7	26
136	Oxime K033-Reactivation Activity of Cholinesterases Inhibited by Various Nerve Agents and Organophosphorus Pesticides. <i>Letters in Drug Design and Discovery</i> , 2018, 15, 1124-1130.	0.4	2
137	In vitro and in silico Evaluation of Non-Quaternary Reactivators of AChE as Antidotes of Organophosphorus Poisoning - a New Hope or a Blind Alley?. <i>Medicinal Chemistry</i> , 2018, 14, 281-292.	0.7	19
138	The pharmacology of tacrine at N -methyl- d -aspartate receptors. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2017, 75, 54-62.	2.5	49
139	Progress in acetylcholinesterase reactivators and in the treatment of organophosphorus intoxication: a patent review (2006â€™2016). <i>Expert Opinion on Therapeutic Patents</i> , 2017, 27, 971-985.	2.4	28
140	Structure-Based Virtual Screening for Novel Modulators of Human Orexin 2 Receptor with Cloud Systems and Supercomputers. <i>Studies in Computational Intelligence</i> , 2017, , 161-171.	0.7	1
141	Tetroxime: reactivation potency â€™ in vitro and in silico study. <i>RSC Advances</i> , 2017, 7, 7041-7045.	1.7	4
142	Inhibitors of Acetylcholinesterase Derived from 7-Methoxytacrine and Their Effects on the Choline Transporter CHT1. <i>Dementia and Geriatric Cognitive Disorders</i> , 2017, 43, 45-58.	0.7	4
143	Bis-isoquinolinium and bis-pyridinium acetylcholinesterase inhibitors: in vitro screening of probes for novel selective insecticides. <i>RSC Advances</i> , 2017, 7, 39279-39291.	1.7	6
144	Trichothecenes: immunomodulatory effects, mechanisms, and anti-cancer potential. <i>Archives of Toxicology</i> , 2017, 91, 3737-3785.	1.9	91

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145	Prolyl oligopeptidase and its role in the organism: attention to the most promising and clinically relevant inhibitors. <i>Future Medicinal Chemistry</i> , 2017, 9, 1015-1038.	1.1	48
146	Multi-target-directed therapeutic potential of 7-methoxytacrine-adamantylamine heterodimers in the Alzheimer's disease treatment. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 607-619.	1.8	37
147	Multitarget Tacrine Hybrids with Neuroprotective Properties to Confront Alzheimer's Disease. <i>Current Topics in Medicinal Chemistry</i> , 2017, 17, 1006-1026.	1.0	75
148	Alzheimer's Disease Drugs- In Vitro Comparison of Cholinesterase Inhibition and beta-amyloid Modulation. <i>Letters in Drug Design and Discovery</i> , 2017, 14, .	0.4	0
149	The Evaluation of Benefit of Newly Prepared Reversible Inhibitors of Acetylcholinesterase and Commonly Used Pyridostigmine as Pharmacological Pretreatment of Soman-Poisoned Mice. <i>Acta Medica (Hradec Kralove)</i> , 2017, 60, 37-43.	0.2	4
150	Antioxidant agents against trichothecenes: new hints for oxidative stress treatment. <i>Oncotarget</i> , 2017, 8, 110708-110726.	0.8	58
151	Current Approaches Against Alzheimer's Disease in Clinical Trials. <i>Journal of the Brazilian Chemical Society</i> , 2016, , .	0.6	12
152	A 7-methoxytacrine-4-pyridinealdoxime hybrid as a novel prophylactic agent with reactivation properties in organophosphate intoxication. <i>Toxicology Research</i> , 2016, 5, 1012-1016.	0.9	22
153	SAR study to find optimal cholinesterase reactivator against organophosphorous nerve agents and pesticides. <i>Archives of Toxicology</i> , 2016, 90, 2831-2859.	1.9	75
154	An HPLC-MS method for the quantification of new acetylcholinesterase inhibitor PC 48 (7-MEOTA-donepezil like compound) in rat plasma: Application to a pharmacokinetic study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1020, 85-89.	1.2	7
155	Effects of novel tacrine-related cholinesterase inhibitors in the reversal of 3-quinuclidinyl benzilate-induced cognitive deficit in rats - Is there a potential for Alzheimer's disease treatment?. <i>Neuroscience Letters</i> , 2016, 612, 261-268.	1.0	20
156	Adamantane - A Lead Structure for Drugs in Clinical Practice. <i>Current Medicinal Chemistry</i> , 2016, 23, 3245-3266.	1.2	139
157	Small Molecules Targeting Ataxia Telangiectasia and Rad3-Related (ATR) Kinase: An Emerging way to Enhance Existing Cancer Therapy. <i>Current Cancer Drug Targets</i> , 2016, 16, 200-208.	0.8	11
158	7-Methoxytacrine-p-Anisidine Hybrids as Novel Dual Binding Site Acetylcholinesterase Inhibitors for Alzheimer's Disease Treatment. <i>Molecules</i> , 2015, 20, 22084-22101.	1.7	35
159	Design, synthesis and in vitro testing of 7-methoxytacrine-amantadine analogues: a novel cholinesterase inhibitors for the treatment of Alzheimer's disease. <i>Medicinal Chemistry Research</i> , 2015, 24, 2645-2655.	1.1	28
160	Tacrine-Trolox Hybrids: A Novel Class of Centrally Active, Nonhepatotoxic Multi-Target-Directed Ligands Exerting Anticholinesterase and Antioxidant Activities with Low In Vivo Toxicity. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 8985-9003.	2.9	121
161	The effects of novel 7-MEOTA-donepezil like hybrids and N-alkylated tacrine analogues in the treatment of quinuclidinyl benzilate-induced behavioural deficits in rats performing the multiple T-maze test. <i>Biomedical Papers of the Medical Faculty of the University Palacky, Olomouc, Czechoslovakia</i> . 2015, 159, 547-553.	0.2	17
162	Pharmacotherapy of Alzheimer's Disease: Current State and Future Perspectives. , 2014, , 3-39.		5

#	ARTICLE	IF	CITATIONS
163	Multitarget Drug Design Strategy: Quinoneâ€“Tacrine Hybrids Designed To Block Amyloid- β^2 Aggregation and To Exert Anticholinesterase and Antioxidant Effects. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 8576-8589.	2.9	139
164	7-MEOTAâ€“donepezil like compounds as cholinesterase inhibitors: Synthesis, pharmacological evaluation, molecular modeling and QSAR studies. <i>European Journal of Medicinal Chemistry</i> , 2014, 82, 426-438.	2.6	80
165	Outcomes of Alzheimer's disease therapy with acetylcholinesterase inhibitors and memantine. <i>Expert Opinion on Drug Safety</i> , 2014, 13, 759-74.	1.0	209
166	From Pyridinium-based to Centrally Active Acetylcholinesterase Reactivators. <i>Mini-Reviews in Medicinal Chemistry</i> , 2014, 14, 215-221.	1.1	44
167	The development of ataxia telangiectasia mutated kinase inhibitors. <i>Mini-Reviews in Medicinal Chemistry</i> , 2014, 14, 1-1.	1.1	18
168	Comparison of Novel Tacrine and 7-MEOTA Derivatives with Aromatic and Alicyclic Residues: Synthesis, Biological Evaluation and Docking Studies. <i>Letters in Organic Chemistry</i> , 2013, 10, 291-297.	0.2	3
169	Synthesis and in vitro evaluation of 7-methoxy-N-(pent-4-enyl)-1,2,3,4-tetrahydroacridin-9-amineâ€“new tacrine derivate with cholinergic properties. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 6563-6566.	1.0	21
170	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. <i>Molecules</i> , 2010, 15, 8804-8812.	1.7	22
171	Multi-Target-Directed Ligands in Alzheimerâ€™s Disease Therapy. , 0, , .		1