

Bhanushree Gupta

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

272
citations

933447

10
h-index

996975

15
g-index

22
all docs

22
docs citations

22
times ranked

365
citing authors

#	ARTICLE	IF	CITATIONS
1	Severe Acute Respiratory Syndrome Coronavirus -2 (SARS-CoV-2): A Review on Pathophysiology, Diagnosis, and Investigational Therapeuti. Current Medicinal Chemistry, 2021, 28, 8559-8594.	2.4	0
2	Glycosylated-imidazole aldoximes as reactivators of pesticides inhibited AChE: Synthesis and in-vitro reactivation study. Environmental Toxicology and Pharmacology, 2020, 80, 103454.	4.0	3
3	Nutraceuticals for Antiaging. , 2019, , 383-392.		2
4	Plant and Food Derived Immunomodulators as Nutraceuticals for Performance Enhancing Activities. , 2019, , 593-601.		0
5	Nigella sativa. , 2019, , 91-101.		0
6	Facile and visual detection of acetylcholinesterase inhibitors by carbon quantum dots. New Journal of Chemistry, 2019, 43, 9924-9933.	2.8	16
7	Synthesis and in-vitro reactivation screening of imidazolium aldoximes as reactivators of sarin and VX-inhibited human acetylcholinesterase (hAChE). Chemico-Biological Interactions, 2016, 259, 85-92.	4.0	16
8	Oxime-mediated in vitro reactivation kinetic analysis of organophosphates-inhibited human and electric eel acetylcholinesterase. Toxicology Mechanisms and Methods, 2016, 26, 319-326.	2.7	6
9	Degradation of Organophosphate Pesticides Using Pyridinium Based Functional Surfactants. ACS Sustainable Chemistry and Engineering, 2016, 4, 6962-6973.	6.7	31
10	Thymoquinone. , 2016, , 541-550.		9
11	Development and Structural Modifications of Cholinesterase Reactivators against Chemical Warfare Agents in Last Decade: A Review. Mini-Reviews in Medicinal Chemistry, 2015, 15, 58-72.	2.4	53
12	Metallosurfactant Aggregates as Catalysts for the Hydrolytic Cleavage of Carboxylate and Phosphate Esters. Current Organocatalysis, 2015, 3, 6-23.	0.5	15
13	From $\hat{I}\pm$ -nucleophiles to functionalized aggregates: exploring the reactivity of hydroxamate ion towards esterolytic reactions in micelles. Organic and Biomolecular Chemistry, 2015, 13, 2827-2848.	2.8	27
14	ACID DISSOCIATION CONSTANTS AND MOLECULAR DESCRIPTORS OF SOME XYLENE LINKED BISPYRIDINIUM OXIMES. Military Medical Science Letters (Vojenske Zdravotnicke Listy), 2015, 84, 94-103.	0.5	1
15	In vitro reactivation kinetics of paraoxon- and DFP-inhibited electric eel AChE using mono- and bis-pyridinium oximes. Archives of Toxicology, 2014, 88, 381-390.	4.2	19
16	Interactions between xylene-linked carbamoyl bis-pyridinium mono-oximes and organophosphates inhibited-AChE: A kinetic study. Toxicology, 2014, 316, 1-8.	4.2	10
17	Assessment of antidotal efficacy of cholinesterase reactivators against paraoxon: In vitro reactivation kinetics and physicochemical properties. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 4743-4748.	2.2	15
18	Reactivity studies of carbon, phosphorus and sulfur-based acyl sites with tertiary oximes in gemini surfactants. Journal of Physical Organic Chemistry, 2013, 26, 632-642.	1.9	9

#	ARTICLE	IF	CITATIONS
19	Physicochemical Properties and Supernucleophilicity of Oxime-Functionalized Surfactants: Hydrolytic Catalysts toward Dephosphorylation of Di- and Triphosphate Esters. <i>Journal of Physical Chemistry B</i> , 2013, 117, 3806-3817.	2.6	35