

# Bhanushree Gupta

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/339529/publications.pdf>

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

#	ARTICLE	IF	CITATIONS
19	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