

Pratik P Dhavan

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

201
citations

1163117

8
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

160
citing authors

#	ARTICLE	IF	CITATIONS
1	Design, synthesis and evaluation of pyrazole bearing $\hat{\pm}$ -aminophosphonate derivatives as potential acetylcholinesterase inhibitors against Alzheimer's disease. <i>Bioorganic Chemistry</i> , 2020, 96, 103589.	4.1	47
2	Design, synthesis and evaluation of new chromone-derived aminophosphonates as potential acetylcholinesterase inhibitor. <i>Molecular Diversity</i> , 2021, 25, 811-825.	3.9	22
3	Ultrasound-Assisted Green Synthesis of Ag-Decorated ZnO Nanoparticles Using <i>Excoecaria agallocha</i> Leaf Extract and Evaluation of Their Photocatalytic and Biological Activity. <i>ChemistrySelect</i> , 2020, 5, 12660-12671.	1.5	20
4	<i>In-vitro</i> antibacterial activity of Ni(II), Cu(II), and Zn(II) complexes incorporating new azo-azomethine ligand possessing excellent antioxidant, anti-inflammatory activity and protective effect of free radicals against plasmid DNA. <i>Synthetic Communications</i> , 2019, 49, 3311-3323.	2.1	19
5	Design, synthesis and evaluation of dihydropyranoindole derivatives as potential cholinesterase inhibitors against Alzheimer's disease. <i>Bioorganic Chemistry</i> , 2021, 110, 104770.	4.1	15
6	Ultrasonic-assisted biosynthesis of ZnO nanoparticles using <i>Sonneratia alba</i> leaf extract and investigation of its photocatalytic and biological activities. <i>Journal of Cluster Science</i> , 2022, 33, 1007-1023.	3.3	14
7	Synthesis of carbazole based $\hat{\pm}$ -aminophosphonate derivatives: design, molecular docking and <i>in vitro</i> cholinesterase activity. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020, , 1-23.	3.5	13
8	Synthesis of new $\hat{\pm}$ -aminophosphonates using nanoscale nickel-based metal-organic framework as a heterogeneous catalyst and their antibacterial activity. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5317.	3.5	10
9	Eco-friendly approach to control dengue vector <i>Aedes aegypti</i> larvae with their enzyme modulation by <i>Lumnitzera racemosa</i> fabricated zinc oxide nanorods. <i>SN Applied Sciences</i> , 2020, 2, 1.	2.9	9
10	Design, synthesis and biological evaluation of furan based $\hat{\pm}$ -aminophosphonate derivatives as anti-Alzheimer agent. <i>Journal of the Iranian Chemical Society</i> , 2022, 19, 3103-3116.	2.2	9
11	Synthesis of Novel Quinoline-Benzoxazolinone Ester Hybrids: <i>In Vitro</i> Anti-Inflammatory Activity and Antibacterial Activity. <i>Russian Journal of Bioorganic Chemistry</i> , 2021, 47, 572-583.	1.0	6
12	Design, synthesis and biological evaluation of novel antipyrene based $\hat{\pm}$ -aminophosphonates as anti-Alzheimer and anti-inflammatory agent. <i>Journal of Biomolecular Structure and Dynamics</i> , 2023, 41, 386-401.	3.5	6
13	Synthesis, characterization, <i>in vitro</i> cholinesterase and hRBCs hemolysis assay and computational evaluation of novel 2,3,4,5-tetrahydrobenzothiazepine appended $\hat{\pm}$ -aminophosphonates. <i>Bioorganic Chemistry</i> , 2021, 116, 105397.	4.1	5
14	LDPE and PLA and LDPE:PLA:OMMT polymer composites: Preparation, characterization, and its biodegradation using <i>Bacillus</i> species isolated from dumping yard. <i>Polymers for Advanced Technologies</i> , 2021, 32, 3724-3739.	3.2	4
15	Novel Schiff base scaffolds derived from 4-aminoantipyrene and 2-hydroxy-3-methoxy-5-(phenyldiazenyl)benzaldehyde: Synthesis, antibacterial, antioxidant and anti-inflammatory. <i>Journal of Molecular Recognition</i> , 2022, 35, e2976.	2.1	2