

# Usama M Hegazy

## List of Publications by Year in descending order

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Version: 2024-02-01

11  
papers

290  
citations

1040056

9  
h-index

1281871

11  
g-index

11  
all docs

11  
docs citations

11  
times ranked

504  
citing authors

#	ARTICLE	IF	CITATIONS
1	Improving the catalytic efficiency of thermostable <i>Geobacillus stearothermophilus</i> xylanase XT6 by single-amino acid substitution. <i>Journal of Biochemistry</i> , 2020, 167, 203-215.	1.7	8
2	Kinetics and molecular docking of vasicine from <i>Adhatoda vasica</i> : An acetylcholinesterase inhibitor for Alzheimer's disease. <i>South African Journal of Botany</i> , 2016, 104, 118-124.	2.5	20
3	Identification of new inhibitors for human hematopoietic prostaglandin D2 synthase among FDA-approved drugs and other compounds. <i>Chemico-Biological Interactions</i> , 2015, 229, 91-99.	4.0	15
4	Mapping of Amino Acid Substitutions Conferring Herbicide Resistance in Wheat Glutathione Transferase. <i>ACS Synthetic Biology</i> , 2015, 4, 221-227.	3.8	32
5	In-vitro evaluation of selected Egyptian traditional herbal medicines for treatment of alzheimer disease. <i>BMC Complementary and Alternative Medicine</i> , 2013, 13, 121.	3.7	65
6	Hidden Allosterity in Human Glutathione Transferase P1-1 Unveiled by Unnatural Amino Acid Substitutions and Inhibition Studies. <i>Journal of Molecular Biology</i> , 2013, 425, 1509-1514.	4.2	17
7	FDA-approved drugs and other compounds tested as inhibitors of human glutathione transferase P1-1. <i>Chemico-Biological Interactions</i> , 2013, 205, 53-62.	4.0	39
8	Inhibition of human glutathione transferase P1-1 by novel benzazole Derivatives. <i>Turkish Journal of Biochemistry</i> , 2012, 37, 431-436.	0.5	7
9	Modulating Catalytic Activity by Unnatural Amino Acid Residues in a GSH-Binding Loop of GST P1-1. <i>Journal of Molecular Biology</i> , 2008, 376, 811-826.	4.2	15
10	Replacement Surgery with Unnatural Amino Acids in the Lock-and-Key Joint of Glutathione Transferase Subunits. <i>Chemistry and Biology</i> , 2006, 13, 929-936.	6.0	13
11	Functional Role of the Lock and Key Motif at the Subunit Interface of Glutathione Transferase P1-1. <i>Journal of Biological Chemistry</i> , 2004, 279, 9586-9596.	3.4	59