

# Usama M Hegazy

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4124731/publications.pdf>

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11  
papers

290  
citations

1040056

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h-index

1281871

11  
g-index

11  
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docs citations

11  
times ranked

504  
citing authors

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