Israel Silman

List of Publications by Year
in descending order

10 papers	875 citations	1039406 9 h-index	1372195 10 g-index
10 all docs	10 docs citations	10 times ranked	1222 citing authors

#	Article	IF	Citations
1	Torpedo californica acetylcholinesterase is stabilized by binding of a divalent metal ion to a novel and versatile 4D motif. Protein Science, 2021, 30, 966-981.	3.1	8
2	Automated Structure- and Sequence-Based Design of Proteins for High Bacterial Expression and Stability. Molecular Cell, 2016, 63, 337-346.	4.5	363
3	Backdoor opening mechanism in acetylcholinesterase based on Xâ€ray crystallography and molecular dynamics simulations. Protein Science, 2011, 20, 1114-1118.	3.1	59
4	Stabilization of Torpedo californica Acetylcholinesterase by Reversible Inhibitors. Biochemistry, 2009, 48, 563-574.	1.2	17
5	Stabilization of a metastable state of Torpedo californica acetylcholinesterase by chemical chaperones. Protein Science, 2009, 12, 2337-2347.	3.1	27
6	Active-site gorge and buried water molecules in crystal structures of acetylcholinesterase from Torpedo californica 1 1Edited by R. Huber. Journal of Molecular Biology, 2000, 296, 713-735.	2.0	137
7	Effect of Mutations within the Peripheral Anionic Site on the Stability of Acetylcholinesterase. Molecular Pharmacology, 1999, 55, 982-992.	1.0	40
8	Irreversible thermal denaturation ofTorpedo californicaacetylcholinesterase. Protein Science, 1995, 4, 2349-2357.	3.1	50
9	A Metastable State of Torpedo californica Acetylcholinesterase Generated by Modification with Organomercurials. Biochemistry, 1994, 33, 14407-14418.	1.2	24
10	Identification of covalently bound inositol in the hydrophobic membrane-anchoring domain of Torpedo acetylcholinesterase. Biochemical and Biophysical Research Communications, 1985, 129, 312-317.	1.0	150