

Israel Silman

List of Publications by Year in descending order

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Version: 2024-02-01

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