

Martha M Teeter

List of Publications by Year in descending order

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27
papers

1,918
citations

430442

18
h-index

610482

24
g-index

27
all docs

27
docs citations

27
times ranked

1567
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure of the hydrophobic protein crambin determined directly from the anomalous scattering of sulphur. <i>Nature</i> , 1981, 290, 107-113.	13.7	695
2	Water-Protein Interactions: Theory and Experiment. <i>Annual Review of Biophysics and Biophysical Chemistry</i> , 1991, 20, 577-600.	12.2	238
3	Atomic Resolution (0.83 Å...) Crystal Structure of the Hydrophobic Protein Crambin at 130 K. <i>Journal of Molecular Biology</i> , 1993, 230, 292-311.	2.0	131
4	Primary structure of the hydrophobic plant protein crambin. <i>Biochemistry</i> , 1981, 20, 5437-5443.	1.2	111
5	An empirical examination of potential-energy minimization using the well-determined structure of the protein crambin. <i>Journal of the American Chemical Society</i> , 1986, 108, 7163-7172.	6.6	107
6	Homology Modeling of the Dopamine D2 Receptor and Its Testing by Docking of Agonists and Tricyclic Antagonists. <i>Journal of Medicinal Chemistry</i> , 1994, 37, 2874-2888.	2.9	92
7	Modeling and Mutational Analysis of a Putative Sodium-Binding Pocket on the Dopamine D ₂ Receptor. <i>Molecular Pharmacology</i> , 2001, 60, 373-381.	1.0	78
8	Highly ordered crystals of the plant seed protein crambin. <i>Journal of Molecular Biology</i> , 1979, 127, 219-223.	2.0	63
9	CoMFA-Based Prediction of Agonist Affinities at Recombinant Wild Type versus Serine to Alanine Point Mutated D2 Dopamine Receptors. <i>Journal of Medicinal Chemistry</i> , 2000, 43, 3005-3019.	2.9	50
10	Myoglobin cavities provide interior ligand pathway. <i>Protein Science</i> , 2004, 13, 313-318.	3.1	47
11	Nuclear magnetic resonance study of the solution structure of $\hat{1}\pm 1$ -purothionin. <i>Journal of Molecular Biology</i> , 1987, 193, 571-578.	2.0	43
12	Crystal structure of a protein-toxin $\hat{1}\pm 1$ -purothionin at 2.5Å... and a comparison with predicted models. <i>Proteins: Structure, Function and Bioinformatics</i> , 1990, 8, 118-132.	1.5	35
13	Crystal Structure of Ser-22/Ile-25 Form Crambin Confirms Solvent, Side Chain Substate Correlations. <i>Journal of Biological Chemistry</i> , 1997, 272, 9597-9600.	1.6	32
14	Structural Determinants of Pharmacological Specificity Between D1 and D2 Dopamine Receptors. <i>Molecular Pharmacology</i> , 2006, 69, 185-194.	1.0	31
15	Raman spectroscopy of homologous plant toxins: crambin and .alpha.1- and .beta.-purothionin secondary structures, disulfide conformation, and tyrosine environment. <i>Biochemistry</i> , 1984, 23, 6796-6802.	1.2	30
16	Identification of a Zn ²⁺ -binding site on the dopamine D2 receptor. <i>Biochemical and Biophysical Research Communications</i> , 2006, 339, 873-879.	1.0	26
17	Mapping the Binding Site of Aflatoxin B1 in DNA: Molecular Modeling of the Binding Sites for the N(7)-Guanine Adduct of Aflatoxin B1 in Different DNA Sequences. <i>Journal of Biomolecular Structure and Dynamics</i> , 1988, 5, 1237-1257.	2.0	22
18	Experimental Observation of Bonding Electrons in Proteins. <i>Journal of Biological Chemistry</i> , 1999, 274, 20753-20755.	1.6	19

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19	Progress in the Water Structure of the Protein Crambin by X-Ray Diffraction at 140 K. Annals of the New York Academy of Sciences, 1986, 482, 163-165.	1.8	17
20	Expression, purification and characterization of recombinant crambin. Protein Engineering, Design and Selection, 1996, 9, 1233-1239.	1.0	14
21	Calmodulin binding to $\hat{1}\pm 1$ -purothionin: Soloution binding and modeling of the complex. Proteins: Structure, Function and Bioinformatics, 1992, 14, 127-138.	1.5	11
22	A-DNA Accomodates Adducts Derived from Diol Epoxides of Polycyclic Aromatic Hydrocarbons Bound in a "Side-Stacking" Mode. Journal of Biomolecular Structure and Dynamics, 1987, 5, 383-404.	2.0	8
23	Improvement of turn structure prediction by molecular dynamics: a case study of $\hat{1}\pm 1$ -purothionin. Protein Engineering, Design and Selection, 1993, 6, 837-847.	1.0	8
24	Designed additives for controlled growth of crystals of phospholipid interacting proteins: Short chain phospholipids. Journal of Crystal Growth, 1996, 160, 382-388.	0.7	7
25	Mode of Phospholipid Binding to the Membrane Active Plant Toxin Phoratoxin-A. , 1993, , 263-274.		2
26	Normal modes of crambin and molecular dynamics for structure prediction. , 1991, , 220-228.		1
27	Crystal Structure of a Protein-Toxin Solved from a Predicted Model. , 1990, , 359-366.		0