

Ute C Marx

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

2,808
citations

471061

17
h-index

610482

24
g-index

26
all docs

26
docs citations

26
times ranked

3534
citing authors

#	ARTICLE	IF	CITATIONS
1	Second Generation Biofuels: High-Efficiency Microalgae for Biodiesel Production. <i>Bioenergy Research</i> , 2008, 1, 20-43.	2.2	1,932
2	The Metabolome of <i>Chlamydomonas reinhardtii</i> following Induction of Anaerobic H ₂ Production by Sulfur Depletion. <i>Journal of Biological Chemistry</i> , 2009, 284, 23415-23425.	1.6	119
3	NMR-Based Multi Parametric Quality Control of Fruit Juices: SGF Profiling. <i>Nutrients</i> , 2009, 1, 148-155.	1.7	91
4	Enzymatic Cyclization of a Potent Bowman-Birk Protease Inhibitor, Sunflower Trypsin Inhibitor-1, and Solution Structure of an Acyclic Precursor Peptide. <i>Journal of Biological Chemistry</i> , 2003, 278, 21782-21789.	1.6	78
5	Structure of Human Parathyroid Hormone 1-37 in Solution. <i>Journal of Biological Chemistry</i> , 1995, 270, 15194-15202.	1.6	66
6	CD and NMR Studies of Prion Protein (PrP) Helix 1. <i>Journal of Biological Chemistry</i> , 2003, 278, 50175-50181.	1.6	66
7	Phylogenetic and molecular analysis of hydrogen-producing green algae. <i>Journal of Experimental Botany</i> , 2009, 60, 1691-1702.	2.4	62
8	The metabolome of <i>Chlamydomonas reinhardtii</i> following induction of anaerobic H ₂ production by sulfur depletion.. <i>Journal of Biological Chemistry</i> , 2009, 284, 35996.	1.6	48
9	NMR of conotoxins: structural features and an analysis of chemical shifts of post-translationally modified amino acids. <i>Magnetic Resonance in Chemistry</i> , 2006, 44, S41-S50.	1.1	44
10	Retrocyclin-2: Structural Analysis of a Potent Anti-HIV-1-Defensin. <i>Biochemistry</i> , 2007, 46, 9920-9928.	1.2	43
11	Expression of LEKTI domains 6 and 9 in the baculovirus expression system: recombinant LEKTI domains 6 and 9 inhibit trypsin and subtilisin A. <i>Protein Expression and Purification</i> , 2004, 35, 93-101.	0.6	42
12	Homologous Proteins with Different Folds: The Three-dimensional Structures of Domains 1 and 6 of the Multiple Kazal-type Inhibitor LEKTI. <i>Journal of Molecular Biology</i> , 2003, 328, 205-219.	2.0	30
13	Accurate Disulfide Formation in <i>Escherichia coli</i> : Overexpression and Characterization of the First Domain (HF6478) of the Multiple Kazal-Type Inhibitor LEKTI. <i>Protein Expression and Purification</i> , 2001, 22, 108-112.	0.6	28
14	Role of the prosequence of guanylin. <i>Protein Science</i> , 1999, 8, 1850-1859.	3.1	27
15	The structure of human parathyroid hormone-related protein(1-34) in near-physiological solution. <i>FEBS Letters</i> , 1999, 444, 239-244.	1.3	27
16	Synthesis, biological activity and isomerism of guanylate cyclase activating peptides guanylin and uroguanylin. <i>Chemical Biology and Drug Design</i> , 1997, 50, 222-230.	1.2	26
17	The Solution Structure of a Chimeric LEKTI Domain Reveals a Chameleon Sequence. <i>Biochemistry</i> , 2004, 43, 11238-11247.	1.2	21
18	Solution Structure of Human Proguanylin. <i>Journal of Biological Chemistry</i> , 2003, 278, 24118-24124.	1.6	18

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19	Side chain contributions to the interconversion of the topological isomers of guanylin-like peptides. <i>Journal of Peptide Science</i> , 2005, 11, 319-330.	0.8	12
20	LEKTI domain 15 is a functional Kazal-type proteinase inhibitor. <i>Protein Expression and Purification</i> , 2008, 57, 45-56.	0.6	9
21	Native and Recombinant Proguanylin Feature Identical Biophysical Properties and Are Monomeric in Solution. <i>Biochemistry</i> , 2002, 41, 14602-14612.	1.2	7
22	Role of Disulfide Bonds for the Structure and Folding of Proguanylin. <i>Biochemistry</i> , 2004, 43, 10050-10057.	1.2	6
23	Retrocyclin-2: a potent anti-HIV β -defensin that forms a cyclic cystine ladder structural motif. <i>Advances in Experimental Medicine and Biology</i> , 2009, 611, 577-578.	0.8	4
24	Prosequence-Mediated Disulfide Coupled Folding of the Peptide Hormones Guanylin and Uroguanylin. <i>Protein and Peptide Letters</i> , 2005, 12, 153-158.	0.4	2
25	Domain 15 of the serine proteinase inhibitor LEKTI blocks HIV infection <i>in vitro</i> . <i>Medical Journal of Indonesia</i> , 2013, , 131.	0.2	0