

# Ute C Marx

## List of Publications by Year in descending order

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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	Domain 15 of the serine proteinase inhibitor LEKTI blocks HIV infection <i>in vitro</i> . Medical Journal of Indonesia, 2013, , 131.	0.2	0
2	NMR-Based Multi Parametric Quality Control of Fruit Juices: SGF Profiling. Nutrients, 2009, 1, 148-155.	1.7	91
3	The Metabolome of Chlamydomonas reinhardtii following Induction of Anaerobic H <sub>2</sub> Production by Sulfur Depletion. Journal of Biological Chemistry, 2009, 284, 23415-23425.	1.6	119
4	The metabolome of Chlamydomonas reinhardtii following induction of anaerobic H <sub>2</sub> production by sulfur depletion.. Journal of Biological Chemistry, 2009, 284, 35996.	1.6	48
5	Phylogenetic and molecular analysis of hydrogen-producing green algae. Journal of Experimental Botany, 2009, 60, 1691-1702.	2.4	62
6	Retrocyclin-2: a potent anti-HIV $\beta$ -defensin that forms a cyclic cystine ladder structural motif. Advances in Experimental Medicine and Biology, 2009, 611, 577-578.	0.8	4
7	Second Generation Biofuels: High-Efficiency Microalgae for Biodiesel Production. Bioenergy Research, 2008, 1, 20-43.	2.2	1,932
8	LEKTI domain 15 is a functional Kazal-type proteinase inhibitor. Protein Expression and Purification, 2008, 57, 45-56.	0.6	9
9	Retrocyclin-2: Structural Analysis of a Potent Anti-HIV $\beta$ -Defensin. Biochemistry, 2007, 46, 9920-9928.	1.2	43
10	NMR of conotoxins: structural features and an analysis of chemical shifts of post-translationally modified amino acids. Magnetic Resonance in Chemistry, 2006, 44, S41-S50.	1.1	44
11	Side chain contributions to the interconversion of the topological isomers of guanylin-like peptides. Journal of Peptide Science, 2005, 11, 319-330.	0.8	12
12	Prosequence-Mediated Disulfide Coupled Folding of the Peptide Hormones Guanylin and Uroguanylin. Protein and Peptide Letters, 2005, 12, 153-158.	0.4	2
13	The Solution Structure of a Chimeric LEKTI Domain Reveals a Chameleon Sequence. Biochemistry, 2004, 43, 11238-11247.	1.2	21
14	Role of Disulfide Bonds for the Structure and Folding of Proguanylin. Biochemistry, 2004, 43, 10050-10057.	1.2	6
15	Expression of LEKTI domains 6 and 9 in the baculovirus expression system: recombinant LEKTI domains 6 and 9 inhibit trypsin and subtilisin A. Protein Expression and Purification, 2004, 35, 93-101.	0.6	42
16	Homologous Proteins with Different Folds: The Three-dimensional Structures of Domains 1 and 6 of the Multiple Kazal-type Inhibitor LEKTI. Journal of Molecular Biology, 2003, 328, 205-219.	2.0	30
17	CD and NMR Studies of Prion Protein (PrP) Helix 1. Journal of Biological Chemistry, 2003, 278, 50175-50181.	1.6	66
18	Solution Structure of Human Proguanylin. Journal of Biological Chemistry, 2003, 278, 24118-24124.	1.6	18

#	ARTICLE	IF	CITATIONS
19	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
20	Native and Recombinant Proguanylin Feature Identical Biophysical Properties and Are Monomeric in Solution. <i>Biochemistry</i> , 2002, 41, 14602-14612.	1.2	7
21	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
22	Role of the prosequence of guanylin. <i>Protein Science</i> , 1999, 8, 1850-1859.	3.1	27
23	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
24	Synthesis, biological activity and isomerism of guanylate cyclase C-activating peptides guanylin and uroguanylin. <i>Chemical Biology and Drug Design</i> , 1997, 50, 222-230.	1.2	26
25	Structure of Human Parathyroid Hormone 1-37 in Solution. <i>Journal of Biological Chemistry</i> , 1995, 270, 15194-15202.	1.6	66