

# Dagmar Zweytick

## List of Publications by Year in descending order

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33  
papers

2,490  
citations

394421

19  
h-index

414414

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g-index

33  
all docs

33  
docs citations

33  
times ranked

3546  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cytokine-Mediated Inflammation in the Oral Cavity and Its Effect on Lipid Nanocarriers. <i>Nanomaterials</i> , 2021, 11, 1330.	4.1	5
2	Effect of L- to D-Amino Acid Substitution on Stability and Activity of Antitumor Peptide RDP215 against Human Melanoma and Glioblastoma. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8469.	4.1	11
3	MUG Mel3 Cell Lines Reflect Heterogeneity in Melanoma and Represent a Robust Model for Melanoma in Pregnancy. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11318.	4.1	2
4	Design of human lactoferricin derived antitumor peptides-activity and specificity against malignant melanoma in 2D and 3D model studies. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2020, 1862, 183264.	2.6	8
5	Editorial preface for SI Membrane Effectors and Actuators. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2020, 1862, 183331.	2.6	0
6	Interaction of two antitumor peptides with membrane lipids – Influence of phosphatidylserine and cholesterol on specificity for melanoma cells. <i>PLoS ONE</i> , 2019, 14, e0211187.	2.5	42
7	Human melanoma brain metastases cell line MUG-Mel1, isolated clones and their detailed characterization. <i>Scientific Reports</i> , 2019, 9, 4096.	3.3	11
8	LTX-315 – a promising novel antitumor peptide and immunotherapeutic agent. <i>Cell Stress</i> , 2019, 3, 328-329.	3.2	4
9	MUG-Mel2, a novel highly pigmented and well characterized NRAS mutated human melanoma cell line. <i>Scientific Reports</i> , 2017, 7, 2098.	3.3	10
10	<i>In vitro</i> and <i>in vivo</i> cytotoxic activity of human lactoferricin derived antitumor peptide R-DIM-P-LF11-334 on human malignant melanoma. <i>Oncotarget</i> , 2017, 8, 71817-71832.	1.8	12
11	Human lactoferricin derived di-peptides deploying loop structures induce apoptosis specifically in cancer cells through targeting membranous phosphatidylserine. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2015, 1848, 2918-2931.	2.6	41
12	N-acylated Peptides Derived from Human Lactoferricin Perturb Organization of Cardiolipin and Phosphatidylethanolamine in Cell Membranes and Induce Defects in Escherichia coli Cell Division. <i>PLoS ONE</i> , 2014, 9, e90228.	2.5	35
13	Small cationic antimicrobial peptides delocalize peripheral membrane proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E1409-18.	7.1	283
14	Killing of melanoma cells and their metastases by human lactoferricin derivatives requires interaction with the cancer marker phosphatidylserine. <i>BioMetals</i> , 2014, 27, 981-997.	4.1	37
15	Interaction of an Antitumor Peptide with Lipids of the Cancer Plasma Membrane - Formation of Membrane Domains and Influence of Cholesterol. <i>Biophysical Journal</i> , 2014, 106, 88a.	0.5	1
16	Extended Ultrastructural Characterization of Chordoma Cells: The Link to New Therapeutic Options. <i>PLoS ONE</i> , 2014, 9, e114251.	2.5	11
17	Influence of squalene on lipid particle/droplet and membrane organization in the yeast <i>Saccharomyces cerevisiae</i> . <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2012, 1821, 647-653.	2.4	59
18	In search of a novel target – Phosphatidylserine exposed by non-apoptotic tumor cells and metastases of malignancies with poor treatment efficacy. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2011, 1808, 2638-2645.	2.6	269

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19	Membrane-active host defense peptides – Challenges and perspectives for the development of novel anticancer drugs. <i>Chemistry and Physics of Lipids</i> , 2011, 164, 766-781.	3.2	359
20	Studies on Lactoferricin-derived Escherichia coli Membrane-active Peptides Reveal Differences in the Mechanism of N-Acylated Versus Nonacylated Peptides. <i>Journal of Biological Chemistry</i> , 2011, 286, 21266-21276.	3.4	56
21	Effective Antimicrobial and Anti-Endotoxin Activity of Cationic Peptides Based on Lactoferricin: A Biophysical and Microbiological Study. <i>Anti-Infective Agents in Medicinal Chemistry</i> , 2010, 9, 9-22.	0.6	9
22	Structural Aspects of the Interaction of Nk-2 Derived Peptides with Cancer Cells. <i>Biophysical Journal</i> , 2010, 98, 277a.	0.5	1
23	Phosphatidylserine Selective Peptides As Novel Anti-cancer Agents. <i>Biophysical Journal</i> , 2009, 96, 157a.	0.5	1
24	Membrane curvature stress and antibacterial activity of lactoferricin derivatives. <i>Biochemical and Biophysical Research Communications</i> , 2008, 369, 395-400.	2.1	39
25	Structural and Biochemical Properties of Lipid Particles from the Yeast <i>Saccharomyces cerevisiae</i> . <i>Journal of Biological Chemistry</i> , 2008, 283, 17065-17074.	3.4	147
26	Calorimetric, X-Ray Diffraction, and Spectroscopic Studies of the Thermotropic Phase Behavior and Organization of Tetramyristoyl Cardiolipin Membranes. <i>Biophysical Journal</i> , 2007, 92, 3166-3177.	0.5	68
27	Influence of N-acylation of a peptide derived from human lactoferricin on membrane selectivity. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2006, 1758, 1426-1435.	2.6	45
28	Targeting of proteins involved in sterol biosynthesis to lipid particles of the yeast <i>Saccharomyces cerevisiae</i> . <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2004, 1663, 9-13.	2.6	49
29	Contribution of Are1p and Are2p to steryl ester synthesis in the yeast <i>Saccharomyces cerevisiae</i> . <i>FEBS Journal</i> , 2000, 267, 1075-1082.	0.2	158
30	Intracellular lipid particles of eukaryotic cells. <i>BBA - Biomembranes</i> , 2000, 1469, 101-120.	8.0	283
31	Biochemical characterization and subcellular localization of the sterol C-24(28) reductase, Erg4p, from the yeast <i>Saccharomyces cerevisiae</i> . <i>FEBS Letters</i> , 2000, 470, 83-87.	2.8	75
32	Identification and Characterization of Major Lipid Particle Proteins of the Yeast <i>Saccharomyces cerevisiae</i> . <i>Journal of Bacteriology</i> , 1999, 181, 6441-6448.	2.2	288
33	Synthesis and Intracellular Transport of Aminoglycerophospholipids in Permeabilized Cells of the Yeast, <i>Saccharomyces cerevisiae</i> . <i>Journal of Biological Chemistry</i> , 1995, 270, 29836-29842.	3.4	71