

Carla C Lopes

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

480
citations

759233

12
h-index

677142

22
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23
all docs

23
docs citations

23
times ranked

571
citing authors

#	ARTICLE	IF	CITATIONS
1	Heparins and Heparinoids: Occurrence, Structure and Mechanism of Antithrombotic and Hemorrhagic Activities. <i>Current Pharmaceutical Design</i> , 2004, 10, 951-966.	1.9	85
2	Specific structural features of syndecans and heparan sulfate chains are needed for cell signaling. <i>Brazilian Journal of Medical and Biological Research</i> , 2006, 39, 157-167.	1.5	63
3	Coupling of vinculin to F-actin demands Syndecan-4 proteoglycan. <i>Matrix Biology</i> , 2017, 63, 23-37.	3.6	46
4	Acquisition of anoikis resistance promotes alterations in the Ras/ERK and PI3K/Akt signaling pathways and matrix remodeling in endothelial cells. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2017, 22, 1116-1137.	4.9	41
5	EJ-ras oncogene transfection of endothelial cells upregulates the expression of syndecan-4 and downregulates heparan sulfate sulfotransferases and heparanase. <i>Biochimie</i> , 2006, 88, 1493-1504.	2.6	27
6	Surface chemistry and spectroscopy studies on 1,4-naphthoquinone in cell membrane models using Langmuir monolayers. <i>Journal of Colloid and Interface Science</i> , 2013, 402, 300-306.	9.4	27
7	Syndecan-4 as a Pathogenesis Factor and Therapeutic Target in Cancer. <i>Biomolecules</i> , 2021, 11, 503.	4.0	25
8	Acquisition of Anoikis Resistance Up-Regulates Syndecan-4 Expression in Endothelial Cells. <i>PLoS ONE</i> , 2014, 9, e116001.	2.5	23
9	Heparan sulfate proteoglycans as targets for cancer therapy: a review. <i>Cancer Biology and Therapy</i> , 2020, 21, 1087-1094.	3.4	17
10	The lipid composition affects Trastuzumab adsorption at monolayers at the air-water interface. <i>Chemistry and Physics of Lipids</i> , 2020, 227, 104875.	3.2	17
11	Heparan sulfate proteoglycans as trastuzumab targets in anoikis-resistant endothelial cells. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 13826-13840.	2.6	15
12	Heparan sulfate and control of endothelial cell proliferation: increased synthesis during the S phase of the cell cycle and inhibition of thymidine incorporation induced by ortho-nitrophenyl- β -D-xylose. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2004, 1673, 178-185.	2.4	13
13	Probing the interaction between heparan sulfate proteoglycan with biologically relevant molecules in mimetic models for cell membranes: A Langmuir film study. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2012, 1818, 1211-1217.	2.6	13
14	Effects of syndecan-4 gene silencing by micro RNA interference in anoikis resistant endothelial cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2020, 128, 105848.	2.8	12
15	microRNA-140-3p modulates invasiveness, motility, and extracellular matrix adhesion of breast cancer cells by targeting syndecan-4. <i>Journal of Cellular Biochemistry</i> , 2021, 122, 1491-1505.	2.6	12
16	CdSe magic-sized quantum dots incorporated in biomembrane models at the air-water interface composed of components of tumorigenic and non-tumorigenic cells. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2016, 1858, 1533-1540.	2.6	9
17	Putative role of heparan sulfate proteoglycan expression and shedding on the proliferation and survival of cells after photodynamic therapy. <i>International Journal of Biochemistry and Cell Biology</i> , 2007, 39, 1130-1141.	2.8	8
18	Interaction of Trastuzumab with biomembrane models at air-water interfaces mimicking cancer cell surfaces. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2019, 1861, 182992.	2.6	7

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19	Nitric oxide regulates adhesiveness, invasiveness, and migration of anoikis-resistant endothelial cells. <i>Brazilian Journal of Medical and Biological Research</i> , 2022, 55, e11612.	1.5	7
20	Effect of carrageenans of different chemical structures in biointerfaces: A Langmuir film study. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 111, 530-535.	5.0	6
21	Identification of the mutations associated with hereditary hyperferritinemia cataract syndrome and hemochromatosis in a Brazilian family. <i>Clinical Genetics</i> , 2011, 79, 189-192.	2.0	4
22	Thermodynamic and Morphological Properties of Trastuzumab Regulated by the Lipid Composition of Cell Membrane Models at the Air-Water Interface. <i>Biophysical Journal</i> , 2020, 118, 77a.	0.5	3
23	Effect of <i>b</i> -D-xylosides bearing different aglycones on the synthesis of proteoglycans during the cell cycle of endothelial cells in culture. <i>Anais Da Academia Brasileira De Ciencias</i> , 2000, 72, 107-108.	0.8	0