

Nuno Bernardes

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

740
citations

623734

14
h-index

794594

19
g-index

25
all docs

25
docs citations

25
times ranked

1162
citing authors

#	ARTICLE	IF	CITATIONS
1	Fructose-1,6-bisphosphate couples glycolytic flux to activation of Ras. <i>Nature Communications</i> , 2017, 8, 922.	12.8	161
2	Scalable Production of Human Mesenchymal Stromal Cell-Derived Extracellular Vesicles Under Serum-/Xeno-Free Conditions in a Microcarrier-Based Bioreactor Culture System. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 553444.	3.7	78
3	Perturbing the Dynamics and Organization of Cell Membrane Components: A New Paradigm for Cancer-Targeted Therapies. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3871.	4.1	74
4	Microbial-based therapy of cancer: Current progress and future prospects. <i>Bioengineered Bugs</i> , 2010, 1, 178-190.	1.7	72
5	Engineering of bacterial strains and their products for cancer therapy. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 5189-5199.	3.6	56
6	The antibacterial properties of docosahexaenoic omega-3 fatty acid against the cystic fibrosis multiresistant pathogen <i>Burkholderia cenocepacia</i> . <i>FEMS Microbiology Letters</i> , 2012, 328, 61-69.	1.8	52
7	Bacterial proteins and peptides in cancer therapy. <i>Bioengineered</i> , 2014, 5, 234-242.	3.2	39
8	p28-functionalized PLGA nanoparticles loaded with gefitinib reduce tumor burden and metastases formation on lung cancer. <i>Journal of Controlled Release</i> , 2021, 337, 329-342.	9.9	35
9	Modulation of membrane properties of lung cancer cells by azurin enhances the sensitivity to EGFR-targeted therapy and decreased β 1 integrin-mediated adhesion. <i>Cell Cycle</i> , 2016, 15, 1415-1424.	2.6	33
10	The Bacterial Protein Azurin Impairs Invasion and FAK/Src Signaling in P-Cadherin-Overexpressing Breast Cancer Cell Models. <i>PLoS ONE</i> , 2013, 8, e69023.	2.5	30
11	Azurin interaction with the lipid raft components ganglioside GM-1 and caveolin-1 increases membrane fluidity and sensitivity to anti-cancer drugs. <i>Cell Cycle</i> , 2018, 17, 1649-1666.	2.6	24
12	High-throughput molecular profiling of a P-cadherin overexpressing breast cancer model reveals new targets for the anti-cancer bacterial protein azurin. <i>International Journal of Biochemistry and Cell Biology</i> , 2014, 50, 1-9.	2.8	22
13	Recent Patents on Live Bacteria and their Products as Potential Anticancer Agents. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2012, 7, 31-55.	1.6	17
14	Exploring the anticancer potential of the bacterial protein azurin. <i>AIMS Microbiology</i> , 2016, 2, 292-303.	2.2	16
15	Conditioned Medium From Azurin-Expressing Human Mesenchymal Stromal Cells Demonstrates Antitumor Activity Against Breast and Lung Cancer Cell Lines. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 471.	3.7	10
16	The Azurin-Derived Peptide CT-p19LC Exhibits Membrane-Active Properties and Induces Cancer Cell Death. <i>Biomedicines</i> , 2021, 9, 1194.	3.2	6
17	<i>Burkholderia cenocepacia</i> transcriptome during the early contacts with giant plasma membrane vesicles derived from live bronchial epithelial cells. <i>Scientific Reports</i> , 2021, 11, 5624.	3.3	5
18	<i>Burkholderia cenocepacia</i> BCAM2418 α -induced antibody inhibits bacterial adhesion, confers protection to infection and enables identification of host glycans as adhesin targets. <i>Cellular Microbiology</i> , 2021, 23, e13340.	2.1	4

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19	Bacterial protein azurin as a new candidate drug to treat untreatable breast cancers. , 2011, , .		3
20	The Anticancer Potential of the Bacterial Protein Azurin and Its Derived Peptide p28. , 2019, , 319-338.		2
21	Quantitative FRET Microscopy Reveals a Crucial Role of Cytoskeleton in Promoting PI(4,5)P2 Confinement. International Journal of Molecular Sciences, 2021, 22, 11727.	4.1	1
22	Effects of the Flanking polyQ Regions and Membrane Physical Properties on Huntingtin Binding to Lipid Vesicles. Biophysical Journal, 2021, 120, 32a.	0.5	0
23	Prospective Therapeutic Applications of Bacteriocins as Anticancer Agents. , 2019, , 339-366.		0
24	Overcoming the Plasma Membrane. , 2021, , 339-354.		0
25	Impact of Ca ²⁺ -Induced PI(4,5)P2 Clusters on PH-YFP Organization and Protein-Protein Interactions. Biomolecules, 2022, 12, 912.	4.0	0