

Josã© Alexandre Ferreira

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

3,126
citations

201674

27
h-index

161849

54
g-index

60
all docs

60
docs citations

60
times ranked

5379
citing authors

#	ARTICLE	IF	CITATIONS
1	Glycoproteogenomics characterizes the CD44 splicing code associated with bladder cancer invasion. <i>Theranostics</i> , 2022, 12, 3150-3177.	10.0	14
2	A roadmap for translational cancer glycoimmunology at single cell resolution. <i>Journal of Experimental and Clinical Cancer Research</i> , 2022, 41, 143.	8.6	5
3	<i>Helicobacter pylori</i> lipopolysaccharide structural domains and their recognition by immune proteins revealed with carbohydrate microarrays. <i>Carbohydrate Polymers</i> , 2021, 253, 117350.	10.2	14
4	Single-pot enzymatic synthesis of cancer-associated MUC16 <i>O</i> -glycopeptide libraries and multivalent protein glycoconjugates: a step towards cancer glycovaccines. <i>New Journal of Chemistry</i> , 2021, 45, 9197-9211.	2.8	6
5	Target Score: A Proteomics Data Selection Tool Applied to Esophageal Cancer Identifies GLUT1-Sialyl Tn Glycoforms as Biomarkers of Cancer Aggressiveness. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1664.	4.1	14
6	ST6Gal1 targets the ectodomain of ErbB2 in a site-specific manner and regulates gastric cancer cell sensitivity to trastuzumab. <i>Oncogene</i> , 2021, 40, 3719-3733.	5.9	27
7	Glycoproteogenomics: Setting the Course for Next-generation Cancer Neoantigen Discovery for Cancer Vaccines. <i>Genomics, Proteomics and Bioinformatics</i> , 2021, 19, 25-43.	6.9	14
8	Glycoproteomics identifies HOMER3 as a potentially targetable biomarker triggered by hypoxia and glucose deprivation in bladder cancer. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021, 40, 191.	8.6	17
9	The Tumour Microenvironment and Circulating Tumour Cells: A Partnership Driving Metastasis and Glycan-Based Opportunities for Cancer Control. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1329, 1-33.	1.6	2
10	Efficiency of purification methods on the recovery of exopolysaccharides from fermentation media. <i>Carbohydrate Polymers</i> , 2020, 231, 115703.	10.2	10
11	Phenotypic Analysis of Urothelial Exfoliated Cells in Bladder Cancer via Microfluidic Immunoassays: Sialyl-Tn as a Novel Biomarker in Liquid Biopsies. <i>Frontiers in Oncology</i> , 2020, 10, 1774.	2.8	8
12	MHC Class I Stability is Modulated by Cell Surface Sialylation in Human Dendritic Cells. <i>Pharmaceutics</i> , 2020, 12, 249.	4.5	16
13	Esophageal, gastric and colorectal cancers: Looking beyond classical serological biomarkers towards glycoproteomics-assisted precision oncology. <i>Theranostics</i> , 2020, 10, 4903-4928.	10.0	39
14	Nucleolin-Sle A Glycoforms as E-Selectin Ligands and Potentially Targetable Biomarkers at the Cell Surface of Gastric Cancer Cells. <i>Cancers</i> , 2020, 12, 861.	3.7	20
15	Glycoengineered nanoparticles enhance the delivery of 5-fluoroucil and paclitaxel to gastric cancer cells of high metastatic potential. <i>International Journal of Pharmaceutics</i> , 2019, 570, 118646.	5.2	30
16	Protein Glycosylation and Tumor Microenvironment Alterations Driving Cancer Hallmarks. <i>Frontiers in Oncology</i> , 2019, 9, 380.	2.8	201
17	Exploring sialyl-Tn expression in microfluidic-isolated circulating tumour cells: A novel biomarker and an analytical tool for precision oncology applications. <i>New Biotechnology</i> , 2019, 49, 77-87.	4.4	31
18	Identification of distinct nanoparticles and subsets of extracellular vesicles by asymmetric flow field-flow fractionation. <i>Nature Cell Biology</i> , 2018, 20, 332-343.	10.3	1,101

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19	Glycan affinity magnetic nanoplatfoms for urinary glycobiomarkers discovery in bladder cancer. <i>Talanta</i> , 2018, 184, 347-355.	5.5	29
20	Circulating tumor cells in bladder cancer: Emerging technologies and clinical implications foreseeing precision oncology. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2018, 36, 221-236.	1.6	17
21	In silico approaches for unveiling novel glycobiomarkers in cancer. <i>Journal of Proteomics</i> , 2018, 171, 95-106.	2.4	14
22	A functional glycoproteomics approach identifies CD13 as a novel E-selectin ligand in breast cancer. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018, 1862, 2069-2080.	2.4	23
23	CD44 glycoprotein in cancer: a molecular conundrum hampering clinical applications. <i>Clinical Proteomics</i> , 2018, 15, 22.	2.1	42
24	Novel monoclonal antibody L2A5 specifically targeting sialyl-Tn and short glycans terminated by alpha-2-6 sialic acids. <i>Scientific Reports</i> , 2018, 8, 12196.	3.3	29
25	Protein glycosylation in gastric and colorectal cancers: Toward cancer detection and targeted therapeutics. <i>Cancer Letters</i> , 2017, 387, 32-45.	7.2	65
26	Targeted O-glycoproteomics explored increased sialylation and identified MUC16 as a poor prognosis biomarker in advanced-stage bladder tumours. <i>Molecular Oncology</i> , 2017, 11, 895-912.	4.6	50
27	Sialyl-Tn identifies muscle-invasive bladder cancer basal and luminal subtypes facing decreased survival, being expressed by circulating tumor cells and metastases. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2017, 35, 675.e1-675.e8.	1.6	39
28	Over forty years of bladder cancer glycobiology: Where do glycans stand facing precision oncology?. <i>Oncotarget</i> , 2017, 8, 91734-91764.	1.8	37
29	Reference Genes for Addressing Gene Expression of Bladder Cancer Cell Models under Hypoxia: A Step Towards Transcriptomic Studies. <i>PLoS ONE</i> , 2016, 11, e0166120.	2.5	18
30	Hypoxia enhances the malignant nature of bladder cancer cells and concomitantly antagonizes protein O-glycosylation extension. <i>Oncotarget</i> , 2016, 7, 63138-63157.	1.8	58
31	Mechanisms of cisplatin resistance and targeting of cancer stem cells: Adding glycosylation to the equation. <i>Drug Resistance Updates</i> , 2016, 24, 34-54.	14.4	124
32	Glycomic analysis of gastric carcinoma cells discloses glycans as modulators of RON receptor tyrosine kinase activation in cancer. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2016, 1860, 1795-1808.	2.4	49
33	Humoral response against sialylated glycosylated protein species in esophageal cancer: Insights for immunoproteomic studies. <i>Electrophoresis</i> , 2015, 36, 2902-2907.	2.4	6
34	Abnormal Protein Glycosylation and Activated PI3K/Akt/mTOR Pathway: Role in Bladder Cancer Prognosis and Targeted Therapeutics. <i>PLoS ONE</i> , 2015, 10, e0141253.	2.5	62
35	Probing the O-Glycoproteome of Gastric Cancer Cell Lines for Biomarker Discovery*. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 1616-1629.	3.8	91
36	Emerging antibody-based therapeutic strategies for bladder cancer: A systematic review. <i>Journal of Controlled Release</i> , 2015, 214, 40-61.	9.9	28

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37	New trends in guided nanotherapies for digestive cancers: A systematic review. <i>Journal of Controlled Release</i> , 2015, 209, 288-307.	9.9	87
38	The role of functional polymorphisms in immune response genes as biomarkers of bacille Calmette-Guérin (BCG) immunotherapy outcome in bladder cancer: establishment of a predictive profile in a Southern Europe population. <i>BJU International</i> , 2015, 116, 753-763.	2.5	41
39	Glycoprotein Enrichment Method Using a Selective Magnetic Nano-Probe Platform (MNP) Functionalized with Lectins. <i>Methods in Molecular Biology</i> , 2015, 1243, 83-100.	0.9	8
40	P53 and Cancer-Associated Sialylated Glycans Are Surrogate Markers of Cancerization of the Bladder Associated with <i>Schistosoma haematobium</i> Infection. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e3329.	3.0	30
41	FASL polymorphism is associated with response to bacillus Calmette-Guérin immunotherapy in bladder cancer. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2014, 32, 44.e1-44.e7.	1.6	14
42	Sialyl Tn α -expressing bladder cancer cells induce a tolerogenic phenotype in innate and adaptive immune cells. <i>Molecular Oncology</i> , 2014, 8, 753-765.	4.6	88
43	The predominance of M2 polarized macrophages in the stroma of low-hypoxic bladder tumors is associated with BCG immunotherapy failure. The first author has a PhD Grant (SFRH/BD/43399/2008) and J.A.F. has a Postdoctoral Grant (SFRH/BPD/66288/2009) from FCT and Fundação para a Ciência e Tecnologia, co-financed by European Social Fund (ESF) under Human Potential Operation Programme (POPH) from National Strategic Reference Framework (NSRF). We thank to LPCC, Portuguese League Against Cancer (LNCC) for their support. <i>Urologic Oncology: Seminars and Original Investigations</i> ,	1.6	66
44	Patient-derived sialyl-Tn-positive invasive bladder cancer xenografts in nude mice: an exploratory model study. <i>Anticancer Research</i> , 2014, 34, 735-44.	1.1	26
45	Response of high-risk of recurrence/progression bladder tumours expressing sialyl-Tn and sialyl-6-T to BCG immunotherapy. <i>British Journal of Cancer</i> , 2013, 109, 2106-2114.	6.4	36
46	Glycoproteomic Analysis of Serum from Patients with Gastric Precancerous Lesions. <i>Journal of Proteome Research</i> , 2013, 12, 1454-1466.	3.7	65
47	Overexpression of tumour-associated carbohydrate antigen sialyl-Tn in advanced bladder tumours. <i>Molecular Oncology</i> , 2013, 7, 719-731.	4.6	79
48	Challenging the limits of detection of sialylated Tn antigens by in-gel deglycosylation and nano-LC-MALDI-TOF-MS. <i>Electrophoresis</i> , 2013, 34, 2337-2341.	2.4	12
49	Synthesis and Optimization of Lectin Functionalized Nanoprobes for the Selective Recovery of Glycoproteins from Human Body Fluids. <i>Analytical Chemistry</i> , 2011, 83, 7035-7043.	6.5	72
50	Process for detecting <i>Helicobacter pylori</i> using aliphatic amides. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 401, 1889-1898.	3.7	7
51	Aldobiouronic acid domains in <i>Helicobacter pylori</i> . <i>Carbohydrate Research</i> , 2011, 346, 638-643.	2.3	8
52	<i>Helicobacter pylori</i> cell-surface glycans structural features: role in gastric colonization, pathogenesis, and carbohydrate-based vaccines. <i>Carbohydrate Chemistry</i> , 2011, , 160-193.	0.3	6
53	Differentiation of isomeric Lewis blood groups by positive ion electrospray tandem mass spectrometry. <i>Analytical Biochemistry</i> , 2010, 397, 186-196.	2.4	12
54	Identification of cell-surface mannans in a virulent <i>Helicobacter pylori</i> strain. <i>Carbohydrate Research</i> , 2010, 345, 830-838.	2.3	11

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55	Bioaccumulation of Amylose-Like Glycans by <i>Helicobacter pylori</i> . <i>Helicobacter</i> , 2009, 14, 559-570.	3.5	12
56	Structural Ripening-Related Changes of the Arabinan-Rich Pectic Polysaccharides from Olive Pulp Cell Walls. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 7124-7130.	5.2	61
57	Dimeric calcium complexes of arabinan-rich pectic polysaccharides from <i>Olea europaea</i> L. cell walls. <i>Carbohydrate Polymers</i> , 2006, 65, 535-543.	10.2	27
58	Comparison of Two Processes for Isolation of Exopolysaccharide Produced by <i>Lactobacillus acidophilus</i> . , 0, , 280-285.		1