

# Catarina Gomes

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

1,583  
citations

471509

17  
h-index

552781

26  
g-index

27  
all docs

27  
docs citations

27  
times ranked

2257  
citing authors

#	ARTICLE	IF	CITATIONS
1	Alterations in glycosylation as biomarkers for cancer detection. <i>Journal of Clinical Pathology</i> , 2010, 63, 322-329.	2.0	369
2	Glycosylation in cancer: Selected roles in tumour progression, immune modulation and metastasis. <i>Cellular Immunology</i> , 2018, 333, 46-57.	3.0	157
3	Targeting Glycosylation: A New Road for Cancer Drug Discovery. <i>Trends in Cancer</i> , 2020, 6, 757-766.	7.4	155
4	The GAGome: a cell-based library of displayed glycosaminoglycans. <i>Nature Methods</i> , 2018, 15, 881-888.	19.0	113
5	Expression of ST3GAL4 Leads to SLex Expression and Induces c-Met Activation and an Invasive Phenotype in Gastric Carcinoma Cells. <i>PLoS ONE</i> , 2013, 8, e66737.	2.5	96
6	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
7	ST6GalNAc-I controls expression of sialyl-Tn antigen in gastrointestinal tissues. <i>Frontiers in Bioscience - Elite</i> , 2011, E3, 1443-1455.	1.8	81
8	A validated gRNA library for CRISPR/Cas9 targeting of the human glycosyltransferase genome. <i>Glycobiology</i> , 2018, 28, 295-305.	2.5	70
9	Glycoproteomic Analysis of Serum from Patients with Gastric Precancerous Lesions. <i>Journal of Proteome Research</i> , 2013, 12, 1454-1466.	3.7	65
10	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
11	Mucin-Type O-Glycosylation in Gastric Carcinogenesis. <i>Biomolecules</i> , 2016, 6, 33.	4.0	43
12	O-Glycan truncation enhances cancer-related functions of CD44 in gastric cancer. <i>FEBS Letters</i> , 2019, 593, 1675-1689.	2.8	36
13	Carcinoembryonic antigen carrying SLe <sup>X</sup> as a new biomarker of more aggressive gastric carcinomas. <i>Theranostics</i> , 2019, 9, 7431-7446.	10.0	35
14	Hypoxia Up-Regulates Galectin-3 in Mammary Tumor Progression and Metastasis. <i>PLoS ONE</i> , 2015, 10, e0134458.	2.5	31
15	Construction and validation of a <i>Sambucus nigra</i> biosensor for cancer-associated STn antigen. <i>Biosensors and Bioelectronics</i> , 2014, 57, 254-261.	10.1	30
16	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
17	The Extracellular Small Leucine-Rich Proteoglycan Biglycan Is a Key Player in Gastric Cancer Aggressiveness. <i>Cancers</i> , 2021, 13, 1330.	3.7	26
18	Terminal $\alpha$ 2,6-sialylation of epidermal growth factor receptor modulates antibody therapy response of colorectal cancer cells. <i>Cellular Oncology (Dordrecht)</i> , 2021, 44, 835-850.	4.4	24

#	ARTICLE	IF	CITATIONS
19	Analysis of sialyl-Lewis x on MUC5AC and MUC1 mucins in pancreatic cancer tissues. International Journal of Biological Macromolecules, 2018, 112, 33-45.	7.5	18
20	CARs: new perspectives in cancer therapy. FEBS Letters, 2022, 596, 403-416.	2.8	16
21	Anti-Influenza Neuraminidase Inhibitor Oseltamivir Phosphate Induces Canine Mammary Cancer Cell Aggressiveness. PLoS ONE, 2015, 10, e0121590.	2.5	15
22	Challenging the limits of detection of sialylated TGF $\alpha$ antigens by in-gel deglycosylation and nano-LC-MALDI-TOF-MS. Electrophoresis, 2013, 34, 2337-2341.	2.4	12
23	Impact of Truncated O-glycans in Gastric-Cancer-Associated CD44v9 Detection. Cells, 2020, 9, 264.	4.1	11
24	Aberrant P-cadherin expression is associated to aggressive feline mammary carcinomas. BMC Veterinary Research, 2014, 10, 270.	1.9	6
25	Complement Decay-Accelerating Factor is a modulator of influenza A virus lung immunopathology. PLoS Pathogens, 2021, 17, e1009381.	4.7	3
26	Characterization of $\beta$ -, $\gamma$ - and p120-Catenin Expression in Feline Mammary Tissues and their Relation with E- and P-Cadherin. Anticancer Research, 2015, 35, 3361-9.	1.1	3