

# Francis Jacob

## List of Publications by Year in descending order

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Version: 2024-02-01

45  
papers

1,662  
citations

257450

24  
h-index

289244

40  
g-index

47  
all docs

47  
docs citations

47  
times ranked

3133  
citing authors

#	ARTICLE	IF	CITATIONS
1	Careful Selection of Reference Genes Is Required for Reliable Performance of RT-qPCR in Human Normal and Cancer Cell Lines. PLoS ONE, 2013, 8, e59180.	2.5	185
2	No benefit from combining HE4 and CA125 as ovarian tumor markers in a clinical setting. Gynecologic Oncology, 2011, 121, 487-491.	1.4	151
3	Specific Glycosylation of Membrane Proteins in Epithelial Ovarian Cancer Cell Lines: Glycan Structures Reflect Gene Expression and DNA Methylation Status. Molecular and Cellular Proteomics, 2014, 13, 2213-2232.	3.8	134
4	Apyrases (Nucleoside Triphosphate-Diphosphohydrolases) Play a Key Role in Growth Control in Arabidopsis. Plant Physiology, 2007, 144, 961-975.	4.8	122
5	URI Is an Oncogene Amplified in Ovarian Cancer Cells and Is Required for Their Survival. Cancer Cell, 2011, 19, 317-332.	16.8	77
6	Serum antiglycan antibody detection of nonmucinous ovarian cancers by using a printed glycan array. International Journal of Cancer, 2012, 130, 138-146.	5.1	71
7	The Tumor Profiler Study: integrated, multi-omic, functional tumor profiling for clinical decision support. Cancer Cell, 2021, 39, 288-293.	16.8	71
8	Loss of Secreted Frizzled-Related Protein 4 Correlates with an Aggressive Phenotype and Predicts Poor Outcome in Ovarian Cancer Patients. PLoS ONE, 2012, 7, e31885.	2.5	51
9	Novel Therapeutic Strategies for Ovarian Cancer Stem Cells. Frontiers in Oncology, 2020, 10, 319.	2.8	44
10	MELK expression in ovarian cancer correlates with poor outcome and its inhibition by OTSSP167 abrogates proliferation and viability of ovarian cancer cells. Gynecologic Oncology, 2017, 145, 159-166.	1.4	42
11	The glycosphingolipid P1 is an ovarian cancer-associated carbohydrate antigen involved in migration. British Journal of Cancer, 2014, 111, 1634-1645.	6.4	40
12	Reliable in vitro studies require appropriate ovarian cancer cell lines. Journal of Ovarian Research, 2014, 7, 60.	3.0	39
13	Comparison of printed glycan array, suspension array and ELISA in the detection of human anti-glycan antibodies. Glycoconjugate Journal, 2011, 28, 507-517.	2.7	38
14	Prominent Oncogenic Roles of EVI1 in Breast Carcinoma. Cancer Research, 2017, 77, 2148-2160.	0.9	36
15	Transition of Mesenchymal and Epithelial Cancer Cells Depends on $\alpha$ 1-4 Galactosyltransferase-Mediated Glycosphingolipids. Cancer Research, 2018, 78, 2952-2965.	0.9	35
16	Collagen-rich omentum is a premetastatic niche for integrin $\alpha$ 2-mediated peritoneal metastasis. ELife, 2020, 9, .	6.0	35
17	A platform for the structural characterization of glycans enzymatically released from glycosphingolipids extracted from tissue and cells. Rapid Communications in Mass Spectrometry, 2015, 29, 545-561.	1.5	34
18	Meta-Analysis of Microarray Data Identifies <i>GAS6</i> Expression as an Independent Predictor of Poor Survival in Ovarian Cancer. BioMed Research International, 2013, 2013, 1-9.	1.9	33

#	ARTICLE	IF	CITATIONS
19	Epigenetic activation of <i>MGAT3</i> and corresponding bisecting GlcNAc shortens the survival of cancer patients. <i>Oncotarget</i> , 2016, 7, 51674-51686.	1.8	33
20	Regulation of invasion and peritoneal dissemination of ovarian cancer by mesothelin manipulation. <i>Oncogenesis</i> , 2020, 9, 61.	4.9	30
21	Letrozole may be a valuable maintenance treatment in high-grade serous ovarian cancer patients. <i>Gynecologic Oncology</i> , 2018, 148, 79-85.	1.4	29
22	Deciphering the Importance of Glycosphingolipids on Cellular and Molecular Mechanisms Associated with Epithelial-to-Mesenchymal Transition in Cancer. <i>Biomolecules</i> , 2021, 11, 62.	4.0	27
23	Tumor-Associated Glycans and Their Role in Gynecological Cancers: Accelerating Translational Research by Novel High-Throughput Approaches. <i>Metabolites</i> , 2012, 2, 913-939.	2.9	26
24	PEGylation of microbead surfaces reduces unspecific antibody binding in glycan-based suspension array. <i>Journal of Immunological Methods</i> , 2014, 412, 42-52.	1.4	26
25	Glucosylceramide synthase inhibitors differentially affect expression of glycosphingolipids. <i>Glycobiology</i> , 2015, 25, 351-356.	2.5	25
26	Blood Plasma-Derived Anti-Glycan Antibodies to Sialylated and Sulfated Glycans Identify Ovarian Cancer Patients. <i>PLoS ONE</i> , 2016, 11, e0164230.	2.5	25
27	Altered (neo-) lacto series glycolipid biosynthesis impairs $\pm 2-6$ sialylation on N-glycoproteins in ovarian cancer cells. <i>Scientific Reports</i> , 2017, 7, 45367.	3.3	24
28	Tissue glycomics distinguish tumour sites in women with advanced serous adenocarcinoma. <i>Molecular Oncology</i> , 2017, 11, 1595-1615.	4.6	24
29	L1 Cell Adhesion Molecule Confers Radioresistance to Ovarian Cancer and Defines a New Cancer Stem Cell Population. <i>Cancers</i> , 2020, 12, 217.	3.7	23
30	Mucins and Truncated O-Glycans Unveil Phenotypic Discrepancies between Serous Ovarian Cancer Cell Lines and Primary Tumours. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2045.	4.1	22
31	Naturally occurring anti-glycan antibodies binding to Globo H-expressing cells identify ovarian cancer patients. <i>Journal of Ovarian Research</i> , 2017, 10, 8.	3.0	21
32	Establishing standardized immune phenotyping of metastatic melanoma by digital pathology. <i>Laboratory Investigation</i> , 2021, 101, 1561-1570.	3.7	15
33	Proteogenomic studies in epithelial ovarian cancer: established knowledge and future needs. <i>Biomarkers in Medicine</i> , 2009, 3, 743-756.	1.4	13
34	Expression of GBGT1 is epigenetically regulated by DNA methylation in ovarian cancer cells. <i>BMC Molecular Biology</i> , 2014, 15, 24.	3.0	13
35	Site-specific N-glycosylation of integrin $\alpha 2$ mediates collagen-dependent cell survival. <i>IScience</i> , 2021, 24, 103168.	4.1	11
36	ABO blood groups as a prognostic factor for recurrence in ovarian and vulvar cancer. <i>PLoS ONE</i> , 2018, 13, e0195213.	2.5	9

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37	Outcome in serous ovarian cancer is not associated with LATS expression. <i>Journal of Cancer Research and Clinical Oncology</i> , 2019, 145, 2737-2749.	2.5	8
38	Glycoproteome remodeling in MLL-rearranged B-cell precursor acute lymphoblastic leukemia. <i>Theranostics</i> , 2021, 11, 9519-9537.	10.0	8
39	Patient-derived and artificial ascites have minor effects on MeT-5A mesothelial cells and do not facilitate ovarian cancer cell adhesion. <i>PLoS ONE</i> , 2020, 15, e0241500.	2.5	5
40	Exposure to escalating olaparib does not induce acquired resistance to PARPi and to other chemotherapeutic compounds in ovarian cancer cell lines. <i>International Journal of Oncology</i> , 2022, 61, .	3.3	3
41	Management of Human Papillomavirus-Related Gynecological Malignancies. <i>Current Problems in Dermatology</i> , 2014, 45, 216-224.	0.7	2
42	High-grade serous peritoneal cancer follows a high stromal response signature and shows worse outcome than ovarian cancer. <i>Molecular Oncology</i> , 2021, 15, 91-103.	4.6	1
43	Abstract POSTER-BIOL-1322: Natural anti-glycan IgM recognize P1 glycosphingolipid expressed on ovarian cancer cells. , 2015, , .		1
44	Abstract B23: P1 glycosphingolipid is expressed on ovarian cancer cells recognized by naturally occurring anti-P1 antibodies. , 2013, , .		0
45	Abstract POSTER-BIOL-1323: Elevated MGAT3 expression in ovarian cancer cells is epigenetically regulated and correlates with expression of bisecting GlcNAc-modified proteins. , 2015, , .		0