

Irina Gromova

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

67
papers

3,397
citations

34
h-index

57
g-index

68
ext. papers

3,730
ext. citations

6.5
avg, IF

4.48
L-index

#	Paper	IF	Citations
67	Proteomic characterization of the interstitial fluid perfusing the breast tumor microenvironment: a novel resource for biomarker and therapeutic target discovery. <i>Molecular and Cellular Proteomics</i> , 2004 , 3, 327-44	7.6	252
66	Gene expression profiling: monitoring transcription and translation products using DNA microarrays and proteomics. <i>FEBS Letters</i> , 2000 , 480, 2-16	3.8	229
65	HERC2 coordinates ubiquitin-dependent assembly of DNA repair factors on damaged chromosomes. <i>Nature Cell Biology</i> , 2010 , 12, 80-6; sup pp 1-12	23.4	213
64	Sensitive detection of lysosomal membrane permeabilization by lysosomal galectin puncta assay. <i>Autophagy</i> , 2015 , 11, 1408-24	10.2	182
63	Identification of extracellular and intracellular signaling components of the mammary adipose tissue and its interstitial fluid in high risk breast cancer patients: toward dissecting the molecular circuitry of epithelial-adipocyte stromal cell interactions. <i>Molecular and Cellular Proteomics</i> , 2005 , 4, 492-522	7.6	181
62	New technique for uncoupling the cleavage and religation reactions of eukaryotic topoisomerase I. The mode of action of camptothecin at a specific recognition site. <i>Journal of Molecular Biology</i> , 1991 , 222, 669-78	6.5	143
61	Selective Loss of PARG Restores PARylation and Counteracts PARP Inhibitor-Mediated Synthetic Lethality. <i>Cancer Cell</i> , 2018 , 33, 1078-1093.e12	24.3	139
60	Human and mouse proteomic databases: novel resources in the protein universe. <i>FEBS Letters</i> , 1998 , 430, 64-72	3.8	105
59	DNA replication stress mediates APOBEC3 family mutagenesis in breast cancer. <i>Genome Biology</i> , 2016 , 17, 185	18.3	96
58	Up-regulated proteins in the fluid bathing the tumour cell microenvironment as potential serological markers for early detection of cancer of the breast. <i>Molecular Oncology</i> , 2010 , 4, 65-89	7.9	82
57	IKAP localizes to membrane ruffles with filamin A and regulates actin cytoskeleton organization and cell migration. <i>Journal of Cell Science</i> , 2008 , 121, 854-64	5.3	80
56	Camptothecin inhibits both the cleavage and religation reactions of eukaryotic DNA topoisomerase I. <i>Journal of Molecular Biology</i> , 1992 , 228, 1025-30	6.5	71
55	The channels model of nuclear matrix structure. <i>BioEssays</i> , 1995 , 17, 443-50	4.1	68
54	Specificity and functional significance of DNA interaction with the nuclear matrix: new approaches to clarify the old questions. <i>International Review of Cytology</i> , 1995 , 162B, 405-48		67
53	A comprehensive protein resource for the study of bladder cancer: http://biobase.dk/cgi-bin/celis . <i>Electrophoresis</i> , 1999 , 20, 300-9	3.6	66
52	Human Xip1 (C2orf13) is a novel regulator of cellular responses to DNA strand breaks. <i>Journal of Biological Chemistry</i> , 2007 , 282, 19638-43	5.4	65
51	Human 2-D PAGE databases for proteome analysis in health and disease: http://biobase.dk/cgi-bin/celis . <i>FEBS Letters</i> , 1996 , 398, 129-34	3.8	60

50	Tumor interstitial fluid - a treasure trove of cancer biomarkers. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2013 , 1834, 2259-70	4	53
49	Proteomic strategies to reveal tumor heterogeneity among urothelial papillomas. <i>Molecular and Cellular Proteomics</i> , 2002 , 1, 269-79	7.6	52
48	Proteomic profiling of mammary carcinomas identifies C7orf24, a gamma-glutamyl cyclotransferase, as a potential cancer biomarker. <i>Journal of Proteome Research</i> , 2010 , 9, 3941-53	5.6	46
47	Human BLCAP transcript: new editing events in normal and cancerous tissues. <i>International Journal of Cancer</i> , 2010 , 127, 127-37	7.5	46
46	Immediate and delayed effects of E-cadherin inhibition on gene regulation and cell motility in human epidermoid carcinoma cells. <i>Molecular and Cellular Biology</i> , 2005 , 25, 9138-50	4.8	45
45	Integrating proteomic and functional genomic technologies in discovery-driven translational breast cancer research. <i>Molecular and Cellular Proteomics</i> , 2003 , 2, 369-77	7.6	42
44	Towards discovery-driven translational research in breast cancer. <i>FEBS Journal</i> , 2005 , 272, 2-15	5.7	42
43	bc10: A novel human bladder cancer-associated protein with a conserved genomic structure downregulated in invasive cancer. <i>International Journal of Cancer</i> , 2002 , 98, 539-46	7.5	42
42	Long-range fragmentation of the eukaryotic genome by exogenous and endogenous nucleases proceeds in a specific fashion via preferential DNA cleavage at matrix attachment sites. <i>Journal of Biological Chemistry</i> , 1995 , 270, 18685-90	5.4	42
41	Profiling of microRNAs in tumor interstitial fluid of breast tumors - a novel resource to identify biomarkers for prognostic classification and detection of cancer. <i>Molecular Oncology</i> , 2017 , 11, 220-234	7.9	41
40	Molecular pathology of breast apocrine carcinomas: a protein expression signature specific for benign apocrine metaplasia. <i>FEBS Letters</i> , 2006 , 580, 2935-44	3.8	41
39	Characterization of an altered DNA catalysis of a camptothecin-resistant eukaryotic topoisomerase I. <i>Nucleic Acids Research</i> , 1993 , 21, 593-600	20.1	41
38	Identification of true differentially expressed mRNAs in a pair of human bladder transitional cell carcinomas using an improved differential display procedure. <i>Electrophoresis</i> , 1999 , 20, 241-8	3.6	40
37	Bladder cancer-associated protein, a potential prognostic biomarker in human bladder cancer. <i>Molecular and Cellular Proteomics</i> , 2010 , 9, 161-77	7.6	37
36	Proteomic profiling of triple-negative breast carcinomas in combination with a three-tier orthogonal technology approach identifies Mage-A4 as potential therapeutic target in estrogen receptor negative breast cancer. <i>Molecular and Cellular Proteomics</i> , 2013 , 12, 381-94	7.6	35
35	Molecular characterization of apocrine carcinoma of the breast: validation of an apocrine protein signature in a well-defined cohort. <i>Molecular Oncology</i> , 2009 , 3, 220-37	7.9	35
34	Impact of proteomics on bladder cancer research. <i>Pharmacogenomics</i> , 2004 , 5, 381-94	2.6	34
33	Protein profiling of the human epidermis from the elderly reveals up-regulation of a signature of interferon-gamma-induced polypeptides that includes manganese-superoxide dismutase and the p85beta subunit of phosphatidylinositol 3-kinase. <i>Molecular and Cellular Proteomics</i> , 2003 , 2, 70-84	7.6	34

32	Human proteomic databases: a powerful resource for functional genomics in health and disease. <i>Progress in Biophysics and Molecular Biology</i> , 2002 , 80, 3-22	4.7	33
31	Apocrine cysts of the breast: biomarkers, origin, enlargement, and relation with cancer phenotype. <i>Molecular and Cellular Proteomics</i> , 2006 , 5, 462-83	7.6	31
30	DNA-specific antiidiotypic antibodies in the sera of patients with autoimmune diseases. <i>FEBS Letters</i> , 1992 , 314, 259-63	3.8	31
29	A single lysis solution for the analysis of tissue samples by different proteomic technologies. <i>Molecular Oncology</i> , 2008 , 2, 368-79	7.9	30
28	Characterization of breast precancerous lesions and myoepithelial hyperplasia in sclerosing adenosis with apocrine metaplasia. <i>Molecular Oncology</i> , 2007 , 1, 97-119	7.9	29
27	High level PHGDH expression in breast is predominantly associated with keratin 5-positive cell lineage independently of malignancy. <i>Molecular Oncology</i> , 2015 , 9, 1636-54	7.9	28
26	15-prostaglandin dehydrogenase expression alone or in combination with ACSM1 defines a subgroup of the apocrine molecular subtype of breast carcinoma. <i>Molecular and Cellular Proteomics</i> , 2008 , 7, 1795-809	7.6	28
25	Cytokine profiling of tumor interstitial fluid of the breast and its relationship with lymphocyte infiltration and clinicopathological characteristics. <i>Onc Immunology</i> , 2016 , 5, e1248015	7.2	26
24	TIMP-1 increases expression and phosphorylation of proteins associated with drug resistance in breast cancer cells. <i>Journal of Proteome Research</i> , 2013 , 12, 4136-51	5.6	26
23	Omics-based profiling of carcinoma of the breast and matched regional lymph node metastasis. <i>Proteomics</i> , 2008 , 8, 5038-52	4.8	25
22	Identification of a subset of breast carcinomas characterized by expression of cytokeratin 15: relationship between CK15+ progenitor/amplified cells and pre-malignant lesions and invasive disease. <i>Molecular Oncology</i> , 2007 , 1, 321-49	7.9	23
21	FABP7 and HMGCS2 are novel protein markers for apocrine differentiation categorizing apocrine carcinoma of the breast. <i>PLoS ONE</i> , 2014 , 9, e112024	3.7	22
20	A combined proteome and ultrastructural localization analysis of 14-3-3 proteins in transformed human amnion (AMA) cells: definition of a framework to study isoform-specific differences. <i>Molecular and Cellular Proteomics</i> , 2008 , 7, 1225-40	7.6	22
19	Tissue proteomics of the human mammary gland: towards an abridged definition of the molecular phenotypes underlying epithelial normalcy. <i>Molecular Oncology</i> , 2010 , 4, 539-61	7.9	21
18	Decreased camptothecin sensitivity of the stem-cell-like fraction of Caco2 cells correlates with an altered phosphorylation pattern of topoisomerase I. <i>PLoS ONE</i> , 2014 , 9, e99628	3.7	19
17	A novel member of the glycosyltransferase family, beta 3 Gn-T2, highly downregulated in invasive human bladder transitional cell carcinomas. <i>Molecular Carcinogenesis</i> , 2001 , 32, 61-72	5	16
16	Let-7 microRNA controls invasion-promoting lysosomal changes via the oncogenic transcription factor myeloid zinc finger-1. <i>Oncogenesis</i> , 2018 , 7, 14	6.6	14
15	Protein Detection in Gels by Silver Staining: A Procedure Compatible with Mass Spectrometry 2006 , 219-223		13

14	Gaining insights into cancer biology through exploration of the cancer secretome using proteomic and bioinformatic tools. <i>Expert Review of Proteomics</i> , 2017 , 14, 1021-1035	4.2	12
13	N-glycan signatures identified in tumor interstitial fluid and serum of breast cancer patients: association with tumor biology and clinical outcome. <i>Molecular Oncology</i> , 2018 , 12, 972-990	7.9	12
12	Noninvasive profiling of serum cytokines in breast cancer patients and clinicopathological characteristics. <i>Oncolmmunology</i> , 2019 , 8, e1537691	7.2	12
11	Molecular and diagnostic features of apocrine breast lesions. <i>Expert Review of Molecular Diagnostics</i> , 2015 , 15, 1011-22	3.8	11
10	Proteomic analysis of tissue samples in translational breast cancer research. <i>Expert Review of Proteomics</i> , 2014 , 11, 285-302	4.2	11
9	Human rab11a: transcription, chromosome mapping and effect on the expression levels of host GTP-binding proteins. <i>FEBS Letters</i> , 1998 , 429, 359-64	3.8	10
8	Proteomic strategies in bladder cancer: From tissue to fluid and back. <i>Proteomics - Clinical Applications</i> , 2008 , 2, 974-88	3.1	8
7	Characterization of DNA topoisomerase II alpha/beta heterodimers in HeLa cells. <i>Biochemistry</i> , 1998 , 37, 16645-52	3.2	8
6	Immunoexpression analysis and prognostic value of BLCAP in breast cancer. <i>PLoS ONE</i> , 2012 , 7, e45967	3.7	7
5	Identification of BLCAP as a novel STAT3 interaction partner in bladder cancer. <i>PLoS ONE</i> , 2017 , 12, e0188827	3.7	6
4	Characterization of the Tumor Secretome from Tumor Interstitial Fluid (TIF). <i>Methods in Molecular Biology</i> , 2016 , 1459, 231-47	1.4	6
3	Proteomic analysis of urinary fibrinogen degradation products in patients with urothelial carcinomas. <i>Clinical Proteomics</i> , 2006 , 2, 45-65	5	4
2	High-throughput proteomics of breast cancer interstitial fluid: identification of tumor subtype-specific serologically relevant biomarkers. <i>Molecular Oncology</i> , 2021 , 15, 429-461	7.9	4
1	Proteomic Analysis by Two-Dimensional Polyacrylamide Gel Electrophoresis 2006 , 19-46		1