

Giovanni Nassa

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

1,725
citations

236612

25
h-index

301761

39
g-index

53
all docs

53
docs citations

53
times ranked

2836
citing authors

#	ARTICLE	IF	CITATIONS
1	RNA sequencing identifies specific PIWI-interacting small non-coding RNA expression patterns in breast cancer. <i>Oncotarget</i> , 2014, 5, 9901-9910.	0.8	145
2	Global analysis of estrogen receptor beta binding to breast cancer cell genome reveals an extensive interplay with estrogen receptor alpha for target gene regulation. <i>BMC Genomics</i> , 2011, 12, 36.	1.2	140
3	TNF-alpha and metalloproteases as key players in melanoma cells aggressiveness. <i>Journal of Experimental and Clinical Cancer Research</i> , 2018, 37, 326.	3.5	73
4	Inhibition of histone methyltransferase DOT1L silences ER β gene and blocks proliferation of antiestrogen-resistant breast cancer cells. <i>Science Advances</i> , 2019, 5, eaav5590.	4.7	70
5	Splicing of platelet resident pre-mRNAs upon activation by physiological stimuli results in functionally relevant proteome modifications. <i>Scientific Reports</i> , 2018, 8, 498.	1.6	65
6	The nuclear receptor ER β engages AGO2 in regulation of gene transcription, RNA splicing and RISC loading. <i>Genome Biology</i> , 2017, 18, 189.	3.8	63
7	Specific patterns of PIWI-interacting small noncoding RNA expression in dysplastic liver nodules and hepatocellular carcinoma. <i>Oncotarget</i> , 2016, 7, 54650-54661.	0.8	63
8	iMir: An integrated pipeline for high-throughput analysis of small non-coding RNA data obtained by smallRNA-Seq. <i>BMC Bioinformatics</i> , 2013, 14, 362.	1.2	62
9	Identification of a Hormone-regulated Dynamic Nuclear Actin Network Associated with Estrogen Receptor β in Human Breast Cancer Cell Nuclei. <i>Molecular and Cellular Proteomics</i> , 2010, 9, 1352-1367.	2.5	59
10	Atrial myxomas arise from multipotent cardiac stem cells. <i>European Heart Journal</i> , 2020, 41, 4332-4345.	1.0	51
11	Small non-coding RNA deregulation in endometrial carcinogenesis. <i>Oncotarget</i> , 2015, 6, 4677-4691.	0.8	49
12	Timed regulation of P-element-induced wimpy testis-interacting RNA expression during rat liver regeneration. <i>Hepatology</i> , 2014, 60, 798-806.	3.6	48
13	Lack of pathogenic mutations in six patients with MMPSI. <i>Epilepsy Research</i> , 2014, 108, 340-344.	0.8	40
14	Activating stimuli induce platelet microRNA modulation and proteome reorganisation. <i>Thrombosis and Haemostasis</i> , 2015, 114, 96-108.	1.8	40
15	Comparative analysis of nuclear estrogen receptor alpha and beta interactomes in breast cancer cells. <i>Molecular BioSystems</i> , 2011, 7, 667-676.	2.9	39
16	A large set of estrogen receptor β -interacting proteins identified by tandem affinity purification in hormone-responsive human breast cancer cell nuclei. <i>Proteomics</i> , 2011, 11, 159-165.	1.3	36
17	Identification of proteins associated with ligand-activated estrogen receptor β in human breast cancer cell nuclei by tandem affinity purification and nano LC-MS/MS. <i>Proteomics</i> , 2011, 11, 172-179.	1.3	35
18	Post-transcriptional Regulation of Human Breast Cancer Cell Proteome by Unliganded Estrogen Receptor β via microRNAs. <i>Molecular and Cellular Proteomics</i> , 2014, 13, 1076-1090.	2.5	33

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19	Insights into the Role of Estrogen Receptor $\hat{1}^2$ in Triple-Negative Breast Cancer. <i>Cancers</i> , 2020, 12, 1477.	1.7	33
20	Molecular Mechanisms of Selective Estrogen Receptor Modulator Activity in Human Breast Cancer Cells: Identification of Novel Nuclear Cofactors of Antiestrogen $\hat{1}$ ER $\hat{1}$ Complexes by Interaction Proteomics. <i>Journal of Proteome Research</i> , 2013, 12, 421-431.	1.8	32
21	Large-scale profiling of signalling pathways reveals an asthma specific signature in bronchial smooth muscle cells. <i>Oncotarget</i> , 2016, 7, 25150-25161.	0.8	32
22	Carcinogenic risk and Bisphenol A exposure: A focus on molecular aspects in endoderm derived glands. <i>Molecular and Cellular Endocrinology</i> , 2017, 457, 20-34.	1.6	32
23	Small RNA profiling reveals deregulated phosphatase and tensin homolog (PTEN)/phosphoinositide 3-kinase (PI3K)/Akt pathway in bronchial smooth muscle cells from asthmatic patients. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 137, 58-67.	1.5	30
24	Estrogen receptor beta impacts hormone-induced alternative mRNA splicing in breast cancer cells. <i>BMC Genomics</i> , 2015, 16, 367.	1.2	28
25	The $\hat{1}$ “busy life $\hat{1}$ ” of unliganded estrogen receptors. <i>Proteomics</i> , 2016, 16, 288-300.	1.3	26
26	Small Non-Coding RNA Profiling Identifies miR-181a-5p as a Mediator of Estrogen Receptor Beta-Induced Inhibition of Cholesterol Biosynthesis in Triple-Negative Breast Cancer. <i>Cells</i> , 2020, 9, 874.	1.8	25
27	Expression of functional tissue factor in activated T-lymphocytes in vitro and in vivo : A possible contribution of immunity to thrombosis?. <i>International Journal of Cardiology</i> , 2016, 218, 188-195.	0.8	24
28	The Histone Methyltransferase DOT1L Is a Functional Component of Estrogen Receptor Alpha Signaling in Ovarian Cancer Cells. <i>Cancers</i> , 2019, 11, 1720.	1.7	24
29	PDGFR-alpha inhibits melanoma growth via CXCL10/IP-10: a multi-omics approach. <i>Oncotarget</i> , 2016, 7, 77257-77275.	0.8	22
30	Quantitative mapping of RNA-mediated nuclear estrogen receptor $\hat{1}^2$ interactome in human breast cancer cells. <i>Scientific Data</i> , 2018, 5, 180031.	2.4	22
31	WIND (Workflow for piRNAs aNd beyond): a strategy for in-depth analysis of small RNA-seq data. <i>F1000Research</i> , 2021, 10, 1.	0.8	22
32	Histone Methyltransferase DOT1L as a Promising Epigenetic Target for Treatment of Solid Tumors. <i>Frontiers in Genetics</i> , 2022, 13, 864612.	1.1	22
33	iSmaRT: a toolkit for a comprehensive analysis of small RNA-Seq data. <i>Bioinformatics</i> , 2017, 33, 938-940.	1.8	21
34	Metabolic Regulation of Epigenetic Modifications and Cell Differentiation in Cancer. <i>Cancers</i> , 2020, 12, 3788.	1.7	21
35	An Overview of Candidate Therapeutic Target Genes in Ovarian Cancer. <i>Cancers</i> , 2020, 12, 1470.	1.7	20
36	The RNA-mediated estrogen receptor $\hat{1}$ interactome of hormone-dependent human breast cancer cell nuclei. <i>Scientific Data</i> , 2019, 6, 173.	2.4	18

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37	Interaction Proteomics Identifies ERbeta Association with Chromatin Repressive Complexes to Inhibit Cholesterol Biosynthesis and Exert An Oncosuppressive Role in Triple-negative Breast Cancer. <i>Molecular and Cellular Proteomics</i> , 2020, 19, 245-260.	2.5	18
38	Identification of cytoplasmic proteins interacting with unliganded estrogen receptor $\hat{1}\pm$ and $\hat{1}2$ in human breast cancer cells. <i>Proteomics</i> , 2015, 15, 1801-1807.	1.3	17
39	KCTD15 is overexpressed in human childhood B-cell acute lymphoid leukemia. <i>Scientific Reports</i> , 2019, 9, 20108.	1.6	17
40	Molecular and Functional Characterization of the Somatic PIWIL1/piRNA Pathway in Colorectal Cancer Cells. <i>Cells</i> , 2019, 8, 1390.	1.8	16
41	Global Transcriptome Profiles of Italian Mediterranean Buffalo Embryos with Normal and Retarded Growth. <i>PLoS ONE</i> , 2014, 9, e90027.	1.1	14
42	Global View of Candidate Therapeutic Target Genes in Hormone-Responsive Breast Cancer. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4068.	1.8	13
43	Regulation of Metabolic Reprogramming by Long Non-Coding RNAs in Cancer. <i>Cancers</i> , 2021, 13, 3485.	1.7	12
44	HOME-BIO (sHOTgun MEtagenomic analysis of BIOlogical entities): a specific and comprehensive pipeline for metagenomic shotgun sequencing data analysis. <i>BMC Bioinformatics</i> , 2021, 22, 106.	1.2	9
45	Phenytoin neurotoxicity in a child carrying new STXBP1 and CYP2C9 gene mutations. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2016, 34, 26-28.	0.9	7
46	Identification of a novel truncating mutation in PALB2 gene by a multigene sequencing panel for mutational screening of breast cancer risk-associated and related genes. <i>Journal of Clinical Laboratory Analysis</i> , 2018, 32, e22418.	0.9	5
47	WIND (Workflow for piRNAs aNd beyond): a strategy for in-depth analysis of small RNA-seq data. <i>F1000Research</i> , 2021, 10, 1.	0.8	5
48	Identification of long non-coding RNA expression patterns useful for molecular-based classification of type $\hat{1}2$ endometrial cancers. <i>Oncology Reports</i> , 2018, 41, 1209-1217.	1.2	4
49	Identification of Antiestrogen-Bound Estrogen Receptor $\hat{1}\pm$ Interactomes in Hormone-Responsive Human Breast Cancer Cell Nuclei. <i>Proteomics</i> , 2020, 20, 2000135.	1.3	4
50	Single-Cell States in the Estrogen Response of Breast Cancer Cell Lines. <i>PLoS ONE</i> , 2014, 9, e88485.	1.1	4
51	New Insights on Estrogen Receptor Actions in Hormone-Responsive Breast Cancer Cells by Interaction Proteomics. , 2013, , 149-174.		1