

Irene M Ong

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,687
citations

394390

19
h-index

315719

38
g-index

41
all docs

41
docs citations

41
times ranked

3230
citing authors

#	ARTICLE	IF	CITATIONS
1	A Population-Based Study of Genes Previously Implicated in Breast Cancer. <i>New England Journal of Medicine</i> , 2021, 384, 440-451.	27.0	414
2	PKM2 methylation by CARM1 activates aerobic glycolysis to promote tumorigenesis. <i>Nature Cell Biology</i> , 2017, 19, 1358-1370.	10.3	212
3	Sex- and tissue-specific changes in mTOR signaling with age in C57BL/6J mice. <i>Aging Cell</i> , 2016, 15, 155-166.	6.7	149
4	PP2A- β^2 holoenzyme substrate recognition, regulation and role in cytokinesis. <i>Cell Discovery</i> , 2017, 3, 17027.	6.7	68
5	Gut microbiome populations are associated with structure-specific changes in white matter architecture. <i>Translational Psychiatry</i> , 2018, 8, 6.	4.8	63
6	MASH Explorer: A Universal Software Environment for Top-Down Proteomics. <i>Journal of Proteome Research</i> , 2020, 19, 3867-3876.	3.7	62
7	GATA Factor-Dependent Positive-Feedback Circuit in Acute Myeloid Leukemia Cells. <i>Cell Reports</i> , 2016, 16, 2428-2441.	6.4	59
8	The landscape of antibody binding in SARS-CoV-2 infection. <i>PLoS Biology</i> , 2021, 19, e3001265.	5.6	58
9	Caloric Restriction Engages Hepatic RNA Processing Mechanisms in Rhesus Monkeys. <i>Cell Metabolism</i> , 2018, 27, 677-688.e5.	16.2	56
10	Risk of Breast Cancer Among Carriers of Pathogenic Variants in Breast Cancer Predisposition Genes Varies by Polygenic Risk Score. <i>Journal of Clinical Oncology</i> , 2021, 39, 2564-2573.	1.6	47
11	Integrating Enhancer Mechanisms to Establish a Hierarchical Blood Development Program. <i>Cell Reports</i> , 2017, 20, 2966-2979.	6.4	46
12	Sex and genetic background define the metabolic, physiologic, and molecular response to protein restriction. <i>Cell Metabolism</i> , 2022, 34, 209-226.e5.	16.2	44
13	Polycomb Group Protein YY1 Is an Essential Regulator of Hematopoietic Stem Cell Quiescence. <i>Cell Reports</i> , 2018, 22, 1545-1559.	6.4	36
14	Cotargeting mTORC and EGFR Signaling as a Therapeutic Strategy in HNSCC. <i>Molecular Cancer Therapeutics</i> , 2017, 16, 1257-1268.	4.1	32
15	Tissue factor-factor VIIa complex triggers protease activated receptor 2-dependent growth factor release and migration in ovarian cancer. <i>Gynecologic Oncology</i> , 2017, 145, 167-175.	1.4	30
16	BAF155 methylation drives metastasis by hijacking super-enhancers and subverting anti-tumor immunity. <i>Nucleic Acids Research</i> , 2021, 49, 12211-12233.	14.5	29
17	SOX17 integrates HOXA and arterial programs in hemogenic endothelium to drive definitive lympho-myeloid hematopoiesis. <i>Cell Reports</i> , 2021, 34, 108758.	6.4	27
18	Defining the boundaries and expanding the utility of head and neck cancer patient derived xenografts. <i>Oral Oncology</i> , 2017, 64, 65-72.	1.5	24

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19	PKM2â€”MEM33 axis regulates lipid homeostasis in cancer cells by controlling SCAP stability. <i>EMBO Journal</i> , 2021, 40, e108065.	7.8	24
20	Ultraviolet radiation-induced tumor necrosis factor alpha, which is linked to the development of cutaneous SCC, modulates differential epidermal microRNAs expression. <i>Oncotarget</i> , 2016, 7, 17945-17956.	1.8	22
21	Transcriptional and Functional Programming of Decidual Innate Lymphoid Cells. <i>Frontiers in Immunology</i> , 2019, 10, 3065.	4.8	21
22	Risk of Late-Onset Breast Cancer in Genetically Predisposed Women. <i>Journal of Clinical Oncology</i> , 2021, 39, 3430-3440.	1.6	21
23	The Metabolic Response to a Low Amino Acid Diet is Independent of Diet-Induced Shifts in the Composition of the Gut Microbiome. <i>Scientific Reports</i> , 2019, 9, 67.	3.3	16
24	Systemic Metabolic Alterations Correlate with Islet-Level Prostaglandin E2 Production and Signaling Mechanisms That Predict Î²-Cell Dysfunction in a Mouse Model of Type 2 Diabetes. <i>Metabolites</i> , 2021, 11, 58.	2.9	16
25	Determination of tissue contributions to the circulating lipid pool in cold exposure via systematic assessment of lipid profiles. <i>Journal of Lipid Research</i> , 2022, 63, 100197.	4.2	16
26	Development and characterization of patient-derived xenografts from non-small cell lung cancer brain metastases. <i>Scientific Reports</i> , 2021, 11, 2520.	3.3	13
27	Ultraviolet radiation-induced differential microRNA expression in the skin of hairless SKH1 mice, a widely used mouse model for dermatology research. <i>Oncotarget</i> , 2016, 7, 84924-84937.	1.8	12
28	Fibroblast Growth Factor Receptors as Targets for Radiosensitization in Head and Neck Squamous Cell Carcinomas. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 107, 793-803.	0.8	10
29	Singleâ€”cell technologies in reproductive immunology. <i>American Journal of Reproductive Immunology</i> , 2019, 82, e13157.	1.2	9
30	Keratin 13 deficiency causes white sponge nevus in mice. <i>Developmental Biology</i> , 2020, 468, 146-153.	2.0	8
31	MR1 overexpression correlates with poor clinical prognosis in glioma patients. <i>Neuro-Oncology Advances</i> , 2021, 3, vdab034.	0.7	7
32	CAMDA 2014: Making sense of RNA-Seq data: From low-level processing to functional analysis. <i>Systems Biomedicine (Austin, Tex)</i> , 2014, 2, 31-40.	0.7	6
33	MixTwice: large-scale hypothesis testing for peptide arrays by variance mixing. <i>Bioinformatics</i> , 2021, 37, 2637-2643.	4.1	6
34	Proteomic and Genomic Methylation Signatures of Idiopathic Subglottic Stenosis. <i>Laryngoscope</i> , 2021, 131, E540-E546.	2.0	5
35	Multimic analysis reveals decidualâ€”specific transcriptional programming of MAIT cells. <i>American Journal of Reproductive Immunology</i> , 2021, 86, e13495.	1.2	5
36	Structure-Leveraged Methods in Breast Cancer Risk Prediction. <i>Journal of Machine Learning Research</i> , 2016, 17, .	62.4	5

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37	SOX17 Is Essential for Integration of Arterial and HOXA Programs in Hemogenic Endothelium. Blood, 2019, 134, 2476-2476.	1.4	3
38	Discriminatory power of common genetic variants in personalized breast cancer diagnosis. , 2016, 9787, .		2
39	Enrichment of melanoma-associated T cells in 6-thioguanine-resistant T cells from metastatic melanoma patients. Melanoma Research, 2020, 30, 52-61.	1.2	2
40	Mediator complex subunit 12 is a gatekeeper of SARS-CoV-2 infection in breast cancer cells. Genes and Diseases, 2022, 9, 5-8.	3.4	2
41	GATA Factor-Dependent Positive-Feedback Circuit Controls Acute Myeloid Leukemia Cell Proliferation: Mechanisms and Targets for Therapeutic Intervention. Blood, 2016, 128, 1706-1706.	1.4	0