

Irene M Ong

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.

40
papers

775
citations

14
h-index

27
g-index

41
ext. papers

1,246
ext. citations

9.3
avg, IF

4.03
L-index

#	Paper	IF	Citations
40	PKM2 methylation by CARM1 activates aerobic glycolysis to promote tumorigenesis. <i>Nature Cell Biology</i> , 2017 , 19, 1358-1370	23.4	129
39	A Population-Based Study of Genes Previously Implicated in Breast Cancer. <i>New England Journal of Medicine</i> , 2021 , 384, 440-451	59.2	115
38	Sex- and tissue-specific changes in mTOR signaling with age in C57BL/6J mice. <i>Aging Cell</i> , 2016 , 15, 155-669	6.9	94
37	GATA Factor-Dependent Positive-Feedback Circuit in Acute Myeloid Leukemia Cells. <i>Cell Reports</i> , 2016 , 16, 2428-41	10.6	45
36	PP2A-B γ holoenzyme substrate recognition, regulation and role in cytokinesis. <i>Cell Discovery</i> , 2017 , 3, 17027	22.3	44
35	Gut microbiome populations are associated with structure-specific changes in white matter architecture. <i>Translational Psychiatry</i> , 2018 , 8, 6	8.6	43
34	Caloric Restriction Engages Hepatic RNA Processing Mechanisms in Rhesus Monkeys. <i>Cell Metabolism</i> , 2018 , 27, 677-688.e5	24.6	37
33	Cotargeting mTORC and EGFR Signaling as a Therapeutic Strategy in HNSCC. <i>Molecular Cancer Therapeutics</i> , 2017 , 16, 1257-1268	6.1	29
32	Integrating Enhancer Mechanisms to Establish a Hierarchical Blood Development Program. <i>Cell Reports</i> , 2017 , 20, 2966-2979	10.6	29
31	Polycomb Group Protein YY1 Is an Essential Regulator of Hematopoietic Stem Cell Quiescence. <i>Cell Reports</i> , 2018 , 22, 1545-1559	10.6	25
30	MASH Explorer: A Universal Software Environment for Top-Down Proteomics. <i>Journal of Proteome Research</i> , 2020 , 19, 3867-3876	5.6	24
29	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	4.9	22
28	The landscape of antibody binding in SARS-CoV-2 infection. <i>PLoS Biology</i> , 2021 , 19, e3001265	9.7	17
27	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, 17945-56	3.3	16
26	Defining the boundaries and expanding the utility of head and neck cancer patient derived xenografts. <i>Oral Oncology</i> , 2017 , 64, 65-72	4.4	13
25	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	2.2	12
24	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	4.9	11

23	Transcriptional and Functional Programming of Decidual Innate Lymphoid Cells. <i>Frontiers in Immunology</i> , 2019 , 10, 3065	8.4	9
22	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	3.3	7
21	SOX17 integrates HOXA and arterial programs in hemogenic endothelium to drive definitive lympho-myeloid hematopoiesis. <i>Cell Reports</i> , 2021 , 34, 108758	10.6	6
20	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		5
19	Systemic Metabolic Alterations Correlate with Islet-Level Prostaglandin E Production and Signaling Mechanisms That Predict β Cell Dysfunction in a Mouse Model of Type 2 Diabetes. <i>Metabolites</i> , 2021 , 11,	5.6	5
18	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	4	4
17	Sex and genetic background define the metabolic, physiologic, and molecular response to protein restriction.. <i>Cell Metabolism</i> , 2022 , 34, 209-226.e5	24.6	4
16	Structure-Leveraged Methods in Breast Cancer Risk Prediction. <i>Journal of Machine Learning Research</i> , 2016 , 17,	28.6	4
15	Development and characterization of patient-derived xenografts from non-small cell lung cancer brain metastases. <i>Scientific Reports</i> , 2021 , 11, 2520	4.9	4
14	Single-cell technologies in reproductive immunology. <i>American Journal of Reproductive Immunology</i> , 2019 , 82, e13157	3.8	3
13	BAF155 methylation drives metastasis by hijacking super-enhancers and subverting anti-tumor immunity. <i>Nucleic Acids Research</i> , 2021 , 49, 12211-12233	20.1	3
12	Risk of Late-Onset Breast Cancer in Genetically Predisposed Women. <i>Journal of Clinical Oncology</i> , 2021 , 39, 3430-3440	2.2	3
11	PKM2-TMEM33 axis regulates lipid homeostasis in cancer cells by controlling SCAP stability. <i>EMBO Journal</i> , 2021 , 40, e108065	13	3
10	Discriminatory power of common genetic variants in personalized breast cancer diagnosis. <i>Proceedings of SPIE</i> , 2016 , 9787,	1.7	2
9	SOX17 Is Essential for Integration of Arterial and HOXA Programs in Hemogenic Endothelium. <i>Blood</i> , 2019 , 134, 2476-2476	2.2	2
8	Keratin 13 deficiency causes white sponge nevus in mice. <i>Developmental Biology</i> , 2020 , 468, 146-153	3.1	2
7	Proteomic and Genomic Methylation Signatures of Idiopathic Subglottic Stenosis. <i>Laryngoscope</i> , 2021 , 131, E540-E546	3.6	2
6	Enrichment of melanoma-associated T cells in 6-thioguanine-resistant T cells from metastatic melanoma patients. <i>Melanoma Research</i> , 2020 , 30, 52-61	3.3	1

5	Mediator complex subunit 12 is a gatekeeper of SARS-CoV-2 infection in breast cancer cells. <i>Genes and Diseases</i> , 2021 , 9, 5-5	6.6	1
4	MR1 overexpression correlates with poor clinical prognosis in glioma patients. <i>Neuro-Oncology Advances</i> , 2021 , 3, vdab034	0.9	0
3	Multomic analysis reveals decidual-specific transcriptional programming of MAIT cells. <i>American Journal of Reproductive Immunology</i> , 2021 , 86, e13495	3.8	0
2	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 , 100197	6.3	0
1	GATA Factor-Dependent Positive-Feedback Circuit Controls Acute Myeloid Leukemia Cell Proliferation: Mechanisms and Targets for Therapeutic Intervention. <i>Blood</i> , 2016 , 128, 1706-1706	2.2	