

Joshy George

List of Publications by Year in descending order

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Version: 2024-02-01

62
papers

12,265
citations

94381

37
h-index

143943

57
g-index

62
all docs

62
docs citations

62
times ranked

19411
citing authors

#	ARTICLE	IF	CITATIONS
1	Comprehensive Molecular Characterization of Adenocarcinoma of the Gastroesophageal Junction Between Esophageal and Gastric Adenocarcinomas. <i>Annals of Surgery</i> , 2022, 275, 706-717.	2.1	30
2	High-throughput visual assessment of sleep stages in mice using machine learning. <i>Sleep</i> , 2022, 45, .	0.6	9
3	Single-cell analysis of human glioma and immune cells identifies S100A4 as an immunotherapy target. <i>Nature Communications</i> , 2022, 13, 767.	5.8	128
4	3D patient-derived tumor models to recapitulate pediatric brain tumors In Vitro. <i>Translational Oncology</i> , 2022, 20, 101407.	1.7	8
5	Transcriptional profiling of macrophages in situ in metastatic melanoma reveals localization-dependent phenotypes and function. <i>Cell Reports Medicine</i> , 2022, 3, 100621.	3.3	15
6	Cancer Stem Cells, not Bulk Tumor Cells, Determine Mechanisms of Resistance to SMO Inhibitors. <i>Cancer Research Communications</i> , 2022, 2, 402-416.	0.7	2
7	Classification of Molecular Subtypes of High-Grade Serous Ovarian Cancer by MALDI-Imaging. <i>Cancers</i> , 2021, 13, 1512.	1.7	14
8	Human KIT+ myeloid cells facilitate visceral metastasis by melanoma. <i>Journal of Experimental Medicine</i> , 2021, 218, .	4.2	5
9	Local versus systemic control of bone and skeletal muscle mass by components of the transforming growth factor- β signaling pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	5
10	Supervised learning with word embeddings derived from PubMed captures latent knowledge about protein kinases and cancer. <i>NAR Genomics and Bioinformatics</i> , 2021, 3, lqab113.	1.5	4
11	CUP-AI-Dx: A tool for inferring cancer tissue of origin and molecular subtype using RNA gene-expression data and artificial intelligence. <i>EBioMedicine</i> , 2020, 61, 103030.	2.7	67
12	Poison Exon Splicing Regulates a Coordinated Network of SR Protein Expression during Differentiation and Tumorigenesis. <i>Molecular Cell</i> , 2020, 80, 648-665.e9.	4.5	76
13	Targeting myostatin/activin A protects against skeletal muscle and bone loss during spaceflight. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 23942-23951.	3.3	71
14	Development and Validation of the Gene Expression Predictor of High-grade Serous Ovarian Carcinoma Molecular SubTYPE (PrOTYPE). <i>Clinical Cancer Research</i> , 2020, 26, 5411-5423.	3.2	43
15	Transcriptome Analysis. , 2019, , 792-805.		8
16	Genomic data analysis workflows for tumors from patient-derived xenografts (PDXs): challenges and guidelines. <i>BMC Medical Genomics</i> , 2019, 12, 92.	0.7	29
17	A computational method to aid the design and analysis of single cell RNA-seq experiments for cell type identification. <i>BMC Bioinformatics</i> , 2019, 20, 275.	1.2	8
18	Differential Functions of Splicing Factors in Mammary Transformation and Breast Cancer Metastasis. <i>Cell Reports</i> , 2019, 29, 2672-2688.e7.	2.9	70

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19	Homologous Recombination DNA Repair Pathway Disruption and Retinoblastoma Protein Loss Are Associated with Exceptional Survival in High-Grade Serous Ovarian Cancer. <i>Clinical Cancer Research</i> , 2018, 24, 569-580.	3.2	79
20	High-resolution deconstruction of evolution induced by chemotherapy treatments in breast cancer xenografts. <i>Scientific Reports</i> , 2018, 8, 17937.	1.6	15
21	IL1 Receptor Antagonist Controls Transcriptional Signature of Inflammation in Patients with Metastatic Breast Cancer. <i>Cancer Research</i> , 2018, 78, 5243-5258.	0.4	119
22	Expression and function of ABCG2 and XIAP in glioblastomas. <i>Journal of Neuro-Oncology</i> , 2017, 133, 47-57.	1.4	43
23	The chromatin accessibility signature of human immune aging stems from CD8+ T cells. <i>Journal of Experimental Medicine</i> , 2017, 214, 3123-3144.	4.2	150
24	<i>EIF1AX</i> and <i>NRAS</i> Mutations Co-occur and Cooperate in Low-Grade Serous Ovarian Carcinomas. <i>Cancer Research</i> , 2017, 77, 4268-4278.	0.4	56
25	Single-cell transcriptomes identify human islet cell signatures and reveal cell-type-specific expression changes in type 2 diabetes. <i>Genome Research</i> , 2017, 27, 208-222.	2.4	440
26	A computational method to aid in the design and analysis of single cell RNA-seq experiments. , 2017, , .		0
27	Leukaemia cell of origin identified by chromatin landscape of bulk tumour cells. <i>Nature Communications</i> , 2016, 7, 12166.	5.8	47
28	Leukemia cell-of-origin identified by chromatin landscape of bulk tumor cells. <i>Experimental Hematology</i> , 2016, 44, S104.	0.2	0
29	Computational inference of a genomic pluripotency signature in human and mouse stem cells. <i>Biology Direct</i> , 2016, 11, 47.	1.9	5
30	multiClust: An R-package for Identifying Biologically Relevant Clusters in Cancer Transcriptome Profiles. <i>Cancer Informatics</i> , 2016, 15, CIN.S38000.	0.9	14
31	Pericytes Promote Malignant Ovarian Cancer Progression in Mice and Predict Poor Prognosis in Serous Ovarian Cancer Patients. <i>Clinical Cancer Research</i> , 2016, 22, 1813-1824.	3.2	30
32	RAD21 cohesin overexpression is a prognostic and predictive marker exacerbating poor prognosis in <i>kras</i> mutant colorectal carcinomas. <i>Pathology</i> , 2015, 47, S53-S54.	0.3	0
33	Efficient molecular subtype classification of high-grade serous ovarian cancer. <i>Journal of Pathology</i> , 2015, 236, 272-277.	2.1	81
34	Whole-genome characterization of chemoresistant ovarian cancer. <i>Nature</i> , 2015, 521, 489-494.	13.7	1,206
35	Enhanced <i>GAB2</i> Expression Is Associated with Improved Survival in High-Grade Serous Ovarian Cancer and Sensitivity to PI3K Inhibition. <i>Molecular Cancer Therapeutics</i> , 2015, 14, 1495-1503.	1.9	26
36	A Signature Predicting Poor Prognosis in Gastric and Ovarian Cancer Represents a Coordinated Macrophage and Stromal Response. <i>Clinical Cancer Research</i> , 2014, 20, 2761-2772.	3.2	60

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37	Synthetic lethality between <i>CCNE1</i> amplification and loss of <i>BRCA1</i> . Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 19489-19494.	3.3	201
38	Resistance to CDK2 Inhibitors Is Associated with Selection of Polyploid Cells in <i>CCNE1</i> -Amplified Ovarian Cancer. Clinical Cancer Research, 2013, 19, 5960-5971.	3.2	97
39	Nonequivalent Gene Expression and Copy Number Alterations in High-Grade Serous Ovarian Cancers with <i>BRCA1</i> and <i>BRCA2</i> Mutations. Clinical Cancer Research, 2013, 19, 3474-3484.	3.2	76
40	Identifying Associations Between Genomic Alterations in Tumors. Methods in Molecular Biology, 2013, 1049, 9-19.	0.4	0
41	LRP1B Deletion in High-Grade Serous Ovarian Cancers Is Associated with Acquired Chemotherapy Resistance to Liposomal Doxorubicin. Cancer Research, 2012, 72, 4060-4073.	0.4	100
42	<i>BRCA</i> Mutation Frequency and Patterns of Treatment Response in <i>BRCA</i> Mutation-Positive Women With Ovarian Cancer: A Report From the Australian Ovarian Cancer Study Group. Journal of Clinical Oncology, 2012, 30, 2654-2663.	0.8	1,018
43	Tandem duplication of chromosomal segments is common in ovarian and breast cancer genomes. Journal of Pathology, 2012, 227, 446-455.	2.1	81
44	Deregulation of MYCN, LIN28B and LET7 in a Molecular Subtype of Aggressive High-Grade Serous Ovarian Cancers. PLoS ONE, 2011, 6, e18064.	1.1	172
45	IL6-STAT3-HIF Signaling and Therapeutic Response to the Angiogenesis Inhibitor Sunitinib in Ovarian Clear Cell Cancer. Clinical Cancer Research, 2011, 17, 2538-2548.	3.2	217
46	Comparison of Expression Profiles in Ovarian Epithelium In Vivo and Ovarian Cancer Identifies Novel Candidate Genes Involved in Disease Pathogenesis. PLoS ONE, 2011, 6, e17617.	1.1	36
47	Copy Number Analysis Identifies Novel Interactions Between Genomic Loci in Ovarian Cancer. PLoS ONE, 2010, 5, e11408.	1.1	83
48	Amplicon-Dependent CCNE1 Expression Is Critical for Clonogenic Survival after Cisplatin Treatment and Is Correlated with 20q11 Gain in Ovarian Cancer. PLoS ONE, 2010, 5, e15498.	1.1	92
49	Integrated Genome-Wide DNA Copy Number and Expression Analysis Identifies Distinct Mechanisms of Primary Chemoresistance in Ovarian Carcinomas. Clinical Cancer Research, 2009, 15, 1417-1427.	3.2	266
50	RCP is a human breast cancer-promoting gene with Ras-activating function. Journal of Clinical Investigation, 2009, 119, 2171-83.	3.9	107
51	MicroRNA-134 Modulates the Differentiation of Mouse Embryonic Stem Cells, Where It Causes Post-Transcriptional Attenuation of Nanog and LRH1. Stem Cells, 2008, 26, 17-29.	1.4	213
52	Novel Molecular Subtypes of Serous and Endometrioid Ovarian Cancer Linked to Clinical Outcome. Clinical Cancer Research, 2008, 14, 5198-5208.	3.2	1,312
53	Mutation of ERBB2 Provides a Novel Alternative Mechanism for the Ubiquitous Activation of RAS-MAPK in Ovarian Serous Low Malignant Potential Tumors. Molecular Cancer Research, 2008, 6, 1678-1690.	1.5	108
54	A Genomics Approach to Understanding Host Response during Dengue Infection. Novartis Foundation Symposium, 2008, 277, 206-217.	1.2	8

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55	Genomewide Expression Analysis in Zebrafish mind bomb Alleles with Pancreas Defects of Different Severity Identifies Putative Notch Responsive Genes. PLoS ONE, 2008, 3, e1479.	1.1	15
56	Whole-Genome Cartography of Estrogen Receptor α Binding Sites. PLoS Genetics, 2007, 3, e87.	1.5	400
57	Jmjd1a and Jmjd2c histone H3 Lys 9 demethylases regulate self-renewal in embryonic stem cells. Genes and Development, 2007, 21, 2545-2557.	2.7	447
58	Host Gene Expression Profiling of Dengue Virus Infection in Cell Lines and Patients. PLoS Neglected Tropical Diseases, 2007, 1, e86.	1.3	196
59	Genome-wide Mapping of RELA(p65) Binding Identifies E2F1 as a Transcriptional Activator Recruited by NF- κ B upon TLR4 Activation. Molecular Cell, 2007, 27, 622-635.	4.5	180
60	The Oct4 and Nanog transcription network regulates pluripotency in mouse embryonic stem cells. Nature Genetics, 2006, 38, 431-440.	9.4	2,162
61	Genetic Reclassification of Histologic Grade Delineates New Clinical Subtypes of Breast Cancer. Cancer Research, 2006, 66, 10292-10301.	0.4	606
62	From The Cover: An expression signature for p53 status in human breast cancer predicts mutation status, transcriptional effects, and patient survival. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 13550-13555.	3.3	1,109