

Shashi Gujar

List of Publications by Year in Descending Order

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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.

69

papers

2,888

citations

26

h-index

53

g-index

70

ext. papers

4,092

ext. citations

9

avg, IF

5.42

L-index

#	Paper	IF	Citations
69	Metabolite profiling reveals a connection between aldehyde dehydrogenase 1A3 and GABA metabolism in breast cancer metastasis.. <i>Metabolomics</i> , 2022 , 18, 9	4.7	0
68	Photodynamic therapy of melanoma with new, structurally similar, NIR-absorbing ruthenium (II) complexes promotes tumor growth control via distinct hallmarks of immunogenic cell death.. <i>American Journal of Cancer Research</i> , 2022 , 12, 210-228	4.4	
67	Immune checkpoint blockade augments changes within oncolytic virus-induced cancer MHC-I peptidome, creating novel antitumor CD8 T cell reactivities.. <i>Molecular and Cellular Proteomics</i> , 2021 , 100182	7.6	0
66	Role of Myeloid Cells in Oncolytic Reovirus-Based Cancer Therapy. <i>Viruses</i> , 2021 , 13,	6.2	2
65	IL-6 and IL-10 as predictors of disease severity in COVID-19 patients: results from meta-analysis and regression. <i>Heliyon</i> , 2021 , 7, e06155	3.6	49
64	Autoimmunity affecting the biliary tract fuels the immunosurveillance of cholangiocarcinoma. <i>Journal of Experimental Medicine</i> , 2021 , 218,	16.6	4
63	DMG26: A Targeted Sequencing Panel for Mutation Profiling to Address Gaps in the Prognostication of Multiple Myeloma. <i>Journal of Molecular Diagnostics</i> , 2021 , 23, 1699-1714	5.1	
62	Supporting the Next Generation of Scientists to Lead Cancer Immunology Research. <i>Cancer Immunology Research</i> , 2021 , 9, 1245-1251	12.5	0
61	Guidelines for the use and interpretation of assays for monitoring autophagy (4th edition). <i>Autophagy</i> , 2021 , 17, 1-382	10.2	440
60	Targeted Metabolic Reprogramming to Improve the Efficacy of Oncolytic Virus Therapy. <i>Molecular Therapy</i> , 2020 , 28, 1417-1421	11.7	10
59	Improving MHC-I Ligand Identification by Incorporating Targeted Searches of Mass Spectrometry Data. <i>Methods in Molecular Biology</i> , 2020 , 2120, 161-171	1.4	1
58	Discovery of immunogenic cell death-inducing ruthenium-based photosensitizers for anticancer photodynamic therapy. <i>Oncolmmunology</i> , 2020 , 10, 1863626	7.2	3
57	Quantitative Proteome Responses to Oncolytic Reovirus in GM-CSF- and M-CSF-Differentiated Bone Marrow-Derived Cells. <i>Journal of Proteome Research</i> , 2020 , 19, 708-718	5.6	2
56	Targeting NAD Synthesis to Potentiate CD38-Based Immunotherapy of Multiple Myeloma. <i>Trends in Cancer</i> , 2020 , 6, 9-12	12.5	7
55	Closely related reovirus lab strains induce opposite expression of RIG-I/IFN-dependent versus -independent host genes, via mechanisms of slow replication versus polymorphisms in dsRNA binding β respectively. <i>PLoS Pathogens</i> , 2020 , 16, e1008803	7.6	6
54	Cytokines in oncolytic virotherapy. <i>Cytokine and Growth Factor Reviews</i> , 2020 , 56, 4-27	17.9	16
53	Repurposing CD8 T cell immunity against SARS-CoV-2 for cancer immunotherapy: a positive aspect of the COVID-19 pandemic?. <i>Oncolmmunology</i> , 2020 , 9, 1794424	7.2	5

52	Neuronal mitochondrial calcium uniporter deficiency exacerbates axonal injury and suppresses remyelination in mice subjected to experimental autoimmune encephalomyelitis. <i>Experimental Neurology</i> , 2020 , 333, 113430	5.7	2
51	Near-infrared absorbing Ru(II) complexes act as immunoprotective photodynamic therapy (PDT) agents against aggressive melanoma. <i>Chemical Science</i> , 2020 , 11, 11740-11762	9.4	24
50	ALDH1A3-regulated long non-coding RNA NRAD1 is a potential novel target for triple-negative breast tumors and cancer stem cells. <i>Cell Death and Differentiation</i> , 2020 , 27, 363-378	12.7	49
49	Closely related reovirus lab strains induce opposite expression of RIG-I/IFN-dependent versus -independent host genes, via mechanisms of slow replication versus polymorphisms in dsRNA binding β respectively 2020 , 16, e1008803		
48	Closely related reovirus lab strains induce opposite expression of RIG-I/IFN-dependent versus -independent host genes, via mechanisms of slow replication versus polymorphisms in dsRNA binding β respectively 2020 , 16, e1008803		
47	Closely related reovirus lab strains induce opposite expression of RIG-I/IFN-dependent versus -independent host genes, via mechanisms of slow replication versus polymorphisms in dsRNA binding β respectively 2020 , 16, e1008803		
46	Closely related reovirus lab strains induce opposite expression of RIG-I/IFN-dependent versus -independent host genes, via mechanisms of slow replication versus polymorphisms in dsRNA binding β respectively 2020 , 16, e1008803		
45	SnapShot: Cancer Immunotherapy with Oncolytic Viruses. <i>Cell</i> , 2019 , 176, 1240-1240.e1	56.2	29
44	Improving MHC-I Ligand Identifications from LC-MS/MS Data by Incorporating Allelic Peptide Motifs. <i>Proteomics</i> , 2019 , 19, e1800458	4.8	0
43	Inhibition of Pyruvate Dehydrogenase Kinase Enhances the Antitumor Efficacy of Oncolytic Reovirus. <i>Cancer Research</i> , 2019 , 79, 3824-3836	10.1	14
42	Therapy-Induced MHC I Ligands Shape Neo-Antitumor CD8 T Cell Responses during Oncolytic Virus-Based Cancer Immunotherapy. <i>Journal of Proteome Research</i> , 2019 , 18, 2666-2675	5.6	12
41	The lysosomal TRPML1 channel regulates triple negative breast cancer development by promoting mTORC1 and purinergic signaling pathways. <i>Cell Calcium</i> , 2019 , 79, 80-88	4	35
40	Regulation of the proline regulatory axis and autophagy modulates stemness in TP73/p73 deficient cancer stem-like cells. <i>Autophagy</i> , 2019 , 15, 934-936	10.2	9
39	TRPM2 ion channel promotes gastric cancer migration, invasion and tumor growth through the AKT signaling pathway. <i>Scientific Reports</i> , 2019 , 9, 4182	4.9	21
38	TRPM2 Silencing Causes G2/M Arrest and Apoptosis in Lung Cancer Cells via Increasing Intracellular ROS and RNS Levels and Activating the JNK Pathway. <i>Cellular Physiology and Biochemistry</i> , 2019 , 52, 742-757	3.9	17
37	Enhancing Mass Spectrometry-Based MHC-I Peptide Identification Through a Targeted Database Search Approach. <i>Methods in Molecular Biology</i> , 2019 , 2024, 301-307	1.4	1
36	Multiplexed Relative Quantitation with Isobaric Tagging Mass Spectrometry Reveals Class I Major Histocompatibility Complex Ligand Dynamics in Response to Doxorubicin. <i>Analytical Chemistry</i> , 2019 , 91, 5106-5115	7.8	12
35	TAp73 Modifies Metabolism and Positively Regulates Growth of Cancer Stem-Like Cells in a Redox-Sensitive Manner. <i>Clinical Cancer Research</i> , 2019 , 25, 2001-2017	12.9	13

34	HDAC6 differentially regulates autophagy in stem-like versus differentiated cancer cells. <i>Autophagy</i> , 2019 , 15, 686-706	10.2	16
33	Transition Metal Complexes and Photodynamic Therapy from a Tumor-Centered Approach: Challenges, Opportunities, and Highlights from the Development of TLD1433. <i>Chemical Reviews</i> , 2019 , 119, 797-828	68.1	517
32	Regulation of Cancer and Cancer-Related Genes via NAD. <i>Antioxidants and Redox Signaling</i> , 2019 , 30, 906-923	8.4	13
31	Potentiating prostate cancer immunotherapy with oncolytic viruses. <i>Nature Reviews Urology</i> , 2018 , 15, 235-250	5.5	34
30	TRPM2 channel-mediated regulation of autophagy maintains mitochondrial function and promotes gastric cancer cell survival via the JNK-signaling pathway. <i>Journal of Biological Chemistry</i> , 2018 , 293, 3637-3650	5.4	56
29	Antitumor Benefits of Antiviral Immunity: An Underappreciated Aspect of Oncolytic Virotherapies. <i>Trends in Immunology</i> , 2018 , 39, 209-221	14.4	96
28	Oncogenic RAS-induced downregulation of ATG12 is required for survival of malignant intestinal epithelial cells. <i>Autophagy</i> , 2018 , 14, 134-151	10.2	6
27	RTN4 Knockdown Dysregulates the AKT Pathway, Destabilizes the Cytoskeleton, and Enhances Paclitaxel-Induced Cytotoxicity in Cancers. <i>Molecular Therapy</i> , 2018 , 26, 2019-2033	11.7	13
26	Dying to Be Noticed: Epigenetic Regulation of Immunogenic Cell Death for Cancer Immunotherapy. <i>Frontiers in Immunology</i> , 2018 , 9, 654	8.4	27
25	Trial Watch: Oncolytic viro-immunotherapy of hematologic and solid tumors. <i>Oncotarget</i> , 2018 , 7, e1503032	7.2	50
24	Phosphoglycerate dehydrogenase inhibition induces p-mTOR-independent autophagy and promotes multilineage differentiation in embryonal carcinoma stem-like cells. <i>Cell Death and Disease</i> , 2018 , 9, 990	9.8	13
23	The NAD Salvage Pathway Supports PHGDH-Driven Serine Biosynthesis. <i>Cell Reports</i> , 2018 , 24, 2381-2391	10.5	25
22	Hide-and-seek: the interplay between cancer stem cells and the immune system. <i>Carcinogenesis</i> , 2017 , 38, 107-118	4.6	62
21	MHC-I Ligand Discovery Using Targeted Database Searches of Mass Spectrometry Data: Implications for T-Cell Immunotherapies. <i>Journal of Proteome Research</i> , 2017 , 16, 1806-1816	5.6	42
20	Autophagic homeostasis is required for the pluripotency of cancer stem cells. <i>Autophagy</i> , 2017 , 13, 264-284	10.4	79
19	Quantitative Temporal in Vivo Proteomics Deciphers the Transition of Virus-Driven Myeloid Cells into M2 Macrophages. <i>Journal of Proteome Research</i> , 2017 , 16, 3391-3406	5.6	13
18	Sharpening the Edge for Precision Cancer Immunotherapy: Targeting Tumor Antigens through Oncolytic Vaccines. <i>Frontiers in Immunology</i> , 2017 , 8, 800	8.4	11
17	A Qualitative Evaluation of Program Budgeting and Marginal Analysis in a Canadian Pediatric Tertiary Care Institution. <i>Applied Health Economics and Health Policy</i> , 2016 , 14, 559-68	3.4	4

16	NAD salvage pathway in cancer metabolism and therapy. <i>Pharmacological Research</i> , 2016 , 114, 274-283	10.2	70
15	Aldehyde dehydrogenase 1A3 influences breast cancer progression via differential retinoic acid signaling. <i>Molecular Oncology</i> , 2015 , 9, 17-31	7.9	76
14	Dendritic Cells in Oncolytic Virus-Based Anti-Cancer Therapy. <i>Viruses</i> , 2015 , 7, 6506-25	6.2	26
13	Reovirus in cancer therapy: an evidence-based review. <i>Oncolytic Virotherapy</i> , 2014 , 3, 69-82	6	31
12	Two is better than one: Complementing oncolytic virotherapy with gemcitabine to potentiate antitumor immune responses. <i>Onc Immunology</i> , 2014 , 3, e27622	7.2	18
11	The NAD ⁺ synthesizing enzyme nicotinamide mononucleotide adenylyltransferase 2 (NMNAT-2) is a p53 downstream target. <i>Cell Cycle</i> , 2014 , 13, 1041-8	4.7	19
10	Gemcitabine enhances the efficacy of reovirus-based oncotherapy through anti-tumour immunological mechanisms. <i>British Journal of Cancer</i> , 2014 , 110, 83-93	8.7	50
9	Core needle biopsy of breast cancer tumors increases distant metastases in a mouse model. <i>Neoplasia</i> , 2014 , 16, 950-60	6.4	52
8	Oncolytic virus-mediated reversal of impaired tumor antigen presentation. <i>Frontiers in Oncology</i> , 2014 , 4, 77	5.3	36
7	Multifaceted therapeutic targeting of ovarian peritoneal carcinomatosis through virus-induced immunomodulation. <i>Molecular Therapy</i> , 2013 , 21, 338-47	11.7	51
6	Activation of p53 by chemotherapeutic agents enhances reovirus oncolysis. <i>PLoS ONE</i> , 2013 , 8, e54006	3.7	19
5	Aldehyde dehydrogenase activity of breast cancer stem cells is primarily due to isoform ALDH1A3 and its expression is predictive of metastasis. <i>Stem Cells</i> , 2011 , 29, 32-45	5.8	338
4	Oncolytic virus-initiated protective immunity against prostate cancer. <i>Molecular Therapy</i> , 2011 , 19, 797-804	8.7	62
3	Reovirus virotherapy overrides tumor antigen presentation evasion and promotes protective antitumor immunity. <i>Molecular Cancer Therapeutics</i> , 2010 , 9, 2924-33	6.1	84
2	De novo infection and propagation of wild-type Hepatitis C virus in human T lymphocytes in vitro. <i>Journal of General Virology</i> , 2006 , 87, 3577-3586	4.9	38
1	Flow Cytometric Quantification of T Cell Proliferation and Division Kinetics in Woodchuck Model of Hepatitis B. <i>Immunological Investigations</i> , 2005 , 34, 215-236	2.9	4