

Rozanne Arulanandam

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

834
citations

516215

16
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500791

28
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31
all docs

31
docs citations

31
times ranked

1188
citing authors

#	ARTICLE	IF	CITATIONS
1	Reciprocal cellular cross-talk within the tumor microenvironment promotes oncolytic virus activity. <i>Nature Medicine</i> , 2015, 21, 530-536.	15.2	118
2	Cell-to-cell adhesion modulates Stat3 activity in normal and breast carcinoma cells. <i>Oncogene</i> , 2004, 23, 2600-2616.	2.6	99
3	VEGF-Mediated Induction of PRD1-BF1/Blimp1 Expression Sensitizes Tumor Vasculature to Oncolytic Virus Infection. <i>Cancer Cell</i> , 2015, 28, 210-224.	7.7	77
4	Combination of Paclitaxel and MG1 oncolytic virus as a successful strategy for breast cancer treatment. <i>Breast Cancer Research</i> , 2016, 18, 83.	2.2	73
5	Stat3 Is Required for Full Neoplastic Transformation by the Simian Virus 40 Large Tumor Antigen. <i>Molecular Biology of the Cell</i> , 2005, 16, 3832-3846.	0.9	48
6	Cadherin-Cadherin Engagement Promotes Cell Survival via Rac1/Cdc42 and Signal Transducer and Activator of Transcription-3. <i>Molecular Cancer Research</i> , 2009, 7, 1310-1327.	1.5	46
7	Microtubule disruption synergizes with oncolytic virotherapy by inhibiting interferon translation and potentiating bystander killing. <i>Nature Communications</i> , 2015, 6, 6410.	5.8	42
8	Beyond structure, to survival: activation of Stat3 by cadherin engagement. <i>Biochemistry and Cell Biology</i> , 2009, 87, 835-843.	0.9	36
9	Cell-cell and cell-matrix adhesion in survival and metastasis: Stat3 versus Akt. <i>Biomolecular Concepts</i> , 2015, 6, 383-399.	1.0	33
10	Oncolytic Maraba Virus MG1 as a Treatment for Sarcoma. <i>International Journal of Cancer</i> , 2017, 141, 1257-1264.	2.3	32
11	Activated Rac1 requires gp130 for Stat3 activation, cell proliferation and migration. <i>Experimental Cell Research</i> , 2010, 316, 875-886.	1.2	29
12	Characterization of Critical Determinants of ACE2-SARS CoV-2 RBD Interaction. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2268.	1.8	24
13	Enhancing Expression of Functional Human Sodium Iodide Symporter and Somatostatin Receptor in Recombinant Oncolytic Vaccinia Virus for In Vivo Imaging of Tumors. <i>Journal of Nuclear Medicine</i> , 2017, 58, 221-227.	2.8	21
14	SARS-CoV-2 S1 NanoBiT: A nanoluciferase complementation-based biosensor to rapidly probe SARS-CoV-2 receptor recognition. <i>Biosensors and Bioelectronics</i> , 2021, 180, 113122.	5.3	21
15	Enhancement of oncolytic virotherapy by vanadium(V) dipicolinates. <i>BioMetals</i> , 2019, 32, 545-561.	1.8	19
16	Nanoluciferase complementation-based bioreporter reveals the importance of N-linked glycosylation of SARS-CoV-2 S for viral entry. <i>Molecular Therapy</i> , 2021, 29, 1984-2000.	3.7	19
17	Engaged for survival. <i>Jak-stat</i> , 2013, 2, e27363.	2.2	17
18	Antiviral Potential of the Antimicrobial Drug Atovaquone against SARS-CoV-2 and Emerging Variants of Concern. <i>ACS Infectious Diseases</i> , 2021, 7, 3034-3051.	1.8	17

#	ARTICLE	IF	CITATIONS
19	Combining vanadyl sulfate with Newcastle disease virus potentiates rapid innate immune-mediated regression with curative potential in murine cancer models. <i>Molecular Therapy - Oncolytics</i> , 2021, 20, 306-324.	2.0	12
20	The strategic combination of trastuzumab emtansine with oncolytic rhabdoviruses leads to therapeutic synergy. <i>Communications Biology</i> , 2020, 3, 254.	2.0	11
21	Stat3 and Gap Junctions in Normal and Lung Cancer Cells. <i>Cancers</i> , 2014, 6, 646-662.	1.7	5
22	Regulation of HC11 mouse breast epithelial cell differentiation by the E-cadherin/Rac axis. <i>Experimental Cell Research</i> , 2017, 361, 112-125.	1.2	5
23	Modulation of Akt vs Stat3 activity by the focal adhesion kinase in non-neoplastic mouse fibroblasts. <i>Experimental Cell Research</i> , 2021, 404, 112601.	1.2	5
24	The simian virus 40 large tumor antigen activates cSrc and requires cSrc for full neoplastic transformation. <i>Anticancer Research</i> , 2010, 30, 47-53.	0.5	5
25	Identification of FDA-approved Bifonazole as SARS-CoV-2 blocking agent following a bioreporter drug screen. <i>Molecular Therapy</i> , 2022, , .	3.7	5
26	Dependency of EGFR activation in vanadium-based sensitization to oncolytic virotherapy. <i>Molecular Therapy - Oncolytics</i> , 2022, 25, 146-159.	2.0	4
27	Activated Src requires Cadherin-11, Rac, and gp130 for Stat3 activation and survival of mouse Balb/c3T3 fibroblasts. <i>Cancer Gene Therapy</i> , 2022, 29, 1502-1513.	2.2	3
28	Regulation of Differentiation of HC11 Mouse Breast Epithelial Cells by the Signal Transducer and Activator of Transcription-3. <i>Anticancer Research</i> , 2019, 39, 2749-2756.	0.5	1