

Tyson Ernst Graber

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,905
citations

361413
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315739
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53
all docs

53
docs citations

53
times ranked

3054
citing authors

#	ARTICLE	IF	CITATIONS
1	The highs and lows of ionizing radiation and its effects on protein synthesis. Cellular Signalling, 2022, 89, 110169.	3.6	4
2	Detection of the Omicron (B.1.1.529) variant of SARS-CoV-2 in aircraft wastewater. Science of the Total Environment, 2022, 820, 153171.	8.0	55
3	Transcriptional profiling of macrophages reveals distinct parasite stage-driven signatures during early infection by Leishmania donovani. Scientific Reports, 2022, 12, 6369.	3.3	9
4	RT-qPCR and ATOplex sequencing for the sensitive detection of SARS-CoV-2 RNA for wastewater surveillance. Water Research, 2022, 220, 118621.	11.3	12
5	miR-223 Exerts Translational Control of Proatherogenic Genes in Macrophages. Circulation Research, 2022, 131, 42-58.	4.5	17
6	Metagenomics of Wastewater Influent from Wastewater Treatment Facilities across Ontario in the Era of Emerging SARS-CoV-2 Variants of Concern. Microbiology Resource Announcements, 2022, 11, .	0.6	11
7	Quantitative analysis of SARS-CoV-2 RNA from wastewater solids in communities with low COVID-19 incidence and prevalence. Water Research, 2021, 188, 116560.	11.3	297
8	Identification of pannexin 1-regulated genes, interactome, and pathways in rhabdomyosarcoma and its tumor inhibitory interaction with AHNAK. Oncogene, 2021, 40, 1868-1883.	5.9	11
9	Catching a resurgence: Increase in SARS-CoV-2 viral RNA identified in wastewater 48Âh before COVID-19 clinical tests and 96Âh before hospitalizations. Science of the Total Environment, 2021, 770, 145319.	8.0	159
10	Near real-time determination of B.1.1.7 in proportion to total SARS-CoV-2 viral load in wastewater using an allele-specific primer extension PCR strategy. Water Research, 2021, 205, 117681.	11.3	48
11	COVID-19 wastewater surveillance in rural communities: Comparison of lagoon and pumping station samples. Science of the Total Environment, 2021, 801, 149618.	8.0	36
12	mTORC1 promotes TOP mRNA translation through site-specific phosphorylation of LARP1. Nucleic Acids Research, 2021, 49, 3461-3489.	14.5	47
13	Ionizing Radiation and Translation Control: A Link to Radiation Hormesis?. International Journal of Molecular Sciences, 2020, 21, 6650.	4.1	13
14	Translational profiling of macrophages infected with Leishmania donovani identifies mTOR- and eIF4A-sensitive immune-related transcripts. PLoS Pathogens, 2020, 16, e1008291.	4.7	24
15	Characterizing Cellular Responses During Oncolytic Maraba Virus Infection. International Journal of Molecular Sciences, 2019, 20, 580.	4.1	10
16	Translational repression of <i>Ccl5</i> and <i>Cxcl10</i> by eIF4E1 and eIF4E2 restrains the ability of mouse macrophages to induce migration of activated T cells. European Journal of Immunology, 2019, 49, 1200-1212.	2.9	15
17	Induction of an Alternative mRNA 5' Leader Enhances Translation of the Ciliopathy Gene Inpp5e and Resistance to Oncolytic Virus Infection. Cell Reports, 2019, 29, 4010-4023.e5.	6.4	15
18	eIF4E-Binding Proteins 1 and 2 Limit Macrophage Anti-Inflammatory Responses through Translational Repression of IL-10 and Cyclooxygenase-2. Journal of Immunology, 2018, 200, 4102-4116.	0.8	14

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19	The Protozoan Parasite <i>Toxoplasma gondii</i> Selectively Reprograms the Host Cell Translatome. <i>Infection and Immunity</i> , 2018, 86, .	2.2	22
20	Battling for Ribosomes: Translational Control at the Forefront of the Antiviral Response. <i>Journal of Molecular Biology</i> , 2018, 430, 1965-1992.	4.2	35
21	Active-site mTOR inhibitors augment HSV1-dICPO infection in cancer cells via dysregulated eIF4E/4E-BP axis. <i>PLoS Pathogens</i> , 2018, 14, e1007264.	4.7	20
22	UPF1 Governs Synaptic Plasticity through Association with a STAU2 RNA Granule. <i>Journal of Neuroscience</i> , 2017, 37, 9116-9131.	3.6	24
23	Metformin requires 4E-BPs to induce apoptosis and repress translation of Mcl-1 in hepatocellular carcinoma cells. <i>Oncotarget</i> , 2017, 8, 50542-50556.	1.8	21
24	Evolution ofÂTOR and Translation Control. , 2016, , 327-411.		8
25	La-related Protein 1 (LARP1) Represses Terminal Oligopyrimidine (TOP) mRNA Translation Downstream of mTOR Complex 1 (mTORC1). <i>Journal of Biological Chemistry</i> , 2015, 290, 15996-16020.	3.4	198
26	IGF2BP1 controls cell death and drug resistance in rhabdomyosarcomas by regulating translation of cIAP1. <i>Oncogene</i> , 2015, 34, 1532-1541.	5.9	41
27	Assessment of Selective mRNA Translation in Mammalian Cells by Polysome Profiling. <i>Journal of Visualized Experiments</i> , 2014, , e52295.	0.3	36
28	Abstract 4256: Characterization of the cellular inhibitor of apoptosis 1 (cIAP1) IRES trans-acting factors and their contribution to apoptotic resistance in rhabdomyosarcomas. , 2014, , .		0
29	A recollection of mTOR signaling in learning and memory. <i>Learning and Memory</i> , 2013, 20, 518-530.	1.3	106
30	Reactivation of stalled polyribosomes in synaptic plasticity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 16205-16210.	7.1	149
31	Nucleotide Composition of Cellular Internal Ribosome Entry Sites Defines Dependence on NF45 and Predicts a Posttranscriptional Mitotic Regulon. <i>Molecular and Cellular Biology</i> , 2013, 33, 307-318.	2.3	23
32	Distinct roles for the cellular inhibitors of apoptosis proteins 1 and 2. <i>Cell Death and Disease</i> , 2011, 2, e135-e135.	6.3	21
33	NF45 functions as an IRES trans-acting factor that is required for translation of cIAP1 during the unfolded protein response. <i>Cell Death and Differentiation</i> , 2010, 17, 719-729.	11.2	57
34	hnRNP A1 regulates UV-induced NF-ÎB signalling through destabilization of cIAP1 mRNA. <i>Cell Death and Differentiation</i> , 2009, 16, 244-252.	11.2	44
35	Addition and correction. <i>Molecular BioSystems</i> , 2008, 4, 98.	2.9	0
36	The eIF4G homolog DAP5/p97 supports the translation of select mRNAs during endoplasmic reticulum stress. <i>Nucleic Acids Research</i> , 2007, 36, 168-178.	14.5	72

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37	Cap-independent regulation of gene expression in apoptosis. <i>Molecular BioSystems</i> , 2007, 3, 825.	2.9	63
38	Cerebral ischemia induces neuronal expression of novel VL30 mouse retrotransposons bound to polyribosomes. <i>Brain Research</i> , 2006, 1094, 24-37.	2.2	12
39	An Approach to Whole-Genome Identification of IRES Elements. <i>Current Genomics</i> , 2006, 7, 205-215.	1.6	3
40	Spurious splicing within the XIAP 5' UTR occurs in the Rluc/Fluc but not the \hat{A} gal/CAT bicistronic reporter system. <i>Rna</i> , 2005, 11, 1605-1609.	3.5	57
41	Translation-State Analysis of Gene Expression in Mouse Brain after Focal Ischemia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2004, 24, 657-667.	4.3	55