

# Joshua Munger

## List of Publications by Year in descending order

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36  
papers

4,834  
citations

236612

25  
h-index

360668

35  
g-index

39  
all docs

39  
docs citations

39  
times ranked

8480  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Transcription Factor Myc Controls Metabolic Reprogramming upon T Lymphocyte Activation. <i>Immunity</i> , 2011, 35, 871-882.	6.6	1,698
2	Systems-level metabolic flux profiling identifies fatty acid synthesis as a target for antiviral therapy. <i>Nature Biotechnology</i> , 2008, 26, 1179-1186.	9.4	562
3	A roadmap for interpreting <sup>13</sup> C metabolite labeling patterns from cells. <i>Current Opinion in Biotechnology</i> , 2015, 34, 189-201.	3.3	513
4	Dynamics of the Cellular Metabolome during Human Cytomegalovirus Infection. <i>PLoS Pathogens</i> , 2006, 2, e132.	2.1	361
5	Stealing the Keys to the Kitchen: Viral Manipulation of the Host Cell Metabolic Network. <i>Trends in Microbiology</i> , 2015, 23, 789-798.	3.5	164
6	Targeting Aberrant Glutathione Metabolism to Eradicate Human Acute Myelogenous Leukemia Cells. <i>Journal of Biological Chemistry</i> , 2013, 288, 33542-33558.	1.6	163
7	Addiction to Coupling of the Warburg Effect with Glutamine Catabolism in Cancer Cells. <i>Cell Reports</i> , 2016, 17, 821-836.	2.9	132
8	Acidic pH Is a Metabolic Switch for 2-Hydroxyglutarate Generation and Signaling. <i>Journal of Biological Chemistry</i> , 2016, 291, 20188-20197.	1.6	118
9	The U S 3 Protein Kinase Blocks Apoptosis Induced by the d 120 Mutant of Herpes Simplex Virus 1 at a Premitochondrial Stage. <i>Journal of Virology</i> , 2001, 75, 5491-5497.	1.5	99
10	Human Cytomegalovirus Induces the Activity and Expression of Acetyl-Coenzyme A Carboxylase, a Fatty Acid Biosynthetic Enzyme Whose Inhibition Attenuates Viral Replication. <i>Journal of Virology</i> , 2011, 85, 5814-5824.	1.5	96
11	HCMV Targets the Metabolic Stress Response through Activation of AMPK Whose Activity Is Important for Viral Replication. <i>PLoS Pathogens</i> , 2012, 8, e1002502.	2.1	94
12	Inhibition of Calmodulin-Dependent Kinase Kinase Blocks Human Cytomegalovirus-Induced Glycolytic Activation and Severely Attenuates Production of Viral Progeny. <i>Journal of Virology</i> , 2011, 85, 705-714.	1.5	79
13	The Herpes Simplex Virus 1 U S 3 Protein Kinase Blocks Caspase-Dependent Double Cleavage and Activation of the Proapoptotic Protein BAD. <i>Journal of Virology</i> , 2003, 77, 6567-6573.	1.5	69
14	Bcl-2 Blocks a Caspase-Dependent Pathway of Apoptosis Activated by Herpes Simplex Virus 1 Infection in HEp-2 Cells. <i>Journal of Virology</i> , 2000, 74, 1931-1938.	1.5	59
15	Cytomegalovirus-mediated activation of pyrimidine biosynthesis drives UDPâ€“sugar synthesis to support viral protein glycosylation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 18019-18024.	3.3	58
16	U S 3 Protein Kinase of Herpes Simplex Virus 1 Blocks Caspase 3 Activation Induced by the Products of U S 1.5 and U L 13 Genes and Modulates Expression of Transduced U S 1.5 Open Reading Frame in a Cell Type-Specific Manner. <i>Journal of Virology</i> , 2002, 76, 743-754.	1.5	56
17	Inhibition of Arenavirus by A3, a Pyrimidine Biosynthesis Inhibitor. <i>Journal of Virology</i> , 2014, 88, 878-889.	1.5	53
18	UL26-Deficient Human Cytomegalovirus Produces Virions with Hypophosphorylated pp28 Tegument Protein That Is Unstable within Newly Infected Cells. <i>Journal of Virology</i> , 2006, 80, 3541-3548.	1.5	52

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19	The Human Cytomegalovirus UL26 Protein Antagonizes NF- $\kappa$ B Activation. <i>Journal of Virology</i> , 2014, 88, 14289-14300.	1.5	50
20	Metabolomic profiling of the heart during acute ischemic preconditioning reveals a role for SIRT1 in rapid cardioprotective metabolic adaptation. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 88, 64-72.	0.9	47
21	Who's Driving? Human Cytomegalovirus, Interferon, and NF- $\kappa$ B Signaling. <i>Viruses</i> , 2018, 10, 447.	1.5	43
22	The Human Cytomegalovirus UL38 protein drives mTOR-independent metabolic flux reprogramming by inhibiting TSC2. <i>PLoS Pathogens</i> , 2019, 15, e1007569.	2.1	42
23	mTOR Dysregulation by Vaccinia Virus F17 Controls Multiple Processes with Varying Roles in Infection. <i>Journal of Virology</i> , 2019, 93, .	1.5	35
24	Meal for Two: Human Cytomegalovirus-Induced Activation of Cellular Metabolism. <i>Viruses</i> , 2019, 11, 273.	1.5	34
25	Metabolic profiling during HIV-1 and HIV-2 infection of primary human monocyte-derived macrophages. <i>Virology</i> , 2016, 491, 106-114.	1.1	32
26	Expression of Oncogenic Alleles Induces Multiple Blocks to Human Cytomegalovirus Infection. <i>Journal of Virology</i> , 2016, 90, 4346-4356.	1.5	29
27	Editing the human cytomegalovirus genome with the CRISPR/Cas9 system. <i>Virology</i> , 2019, 529, 186-194.	1.1	21
28	Interplay Between Calcium and AMPK Signaling in Human Cytomegalovirus Infection. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 384.	1.8	19
29	Mutation of ataxia-telangiectasia mutated is associated with dysfunctional glutathione homeostasis in cerebellar astroglia. <i>Glia</i> , 2016, 64, 227-239.	2.5	13
30	Distinct Domains within the Human Cytomegalovirus UL26 Protein Are Important for Wildtype Viral Replication and Virion Stability. <i>PLoS ONE</i> , 2014, 9, e88101.	1.1	12
31	UL26 Attenuates IKK $\beta$ -Mediated Induction of Interferon-Stimulated Gene (ISG) Expression and Enhanced Protein ISGylation during Human Cytomegalovirus Infection. <i>Journal of Virology</i> , 2019, 93, .	1.5	12
32	Human Cytomegalovirus Induces the Expression of the AMPK $\alpha$ 2 Subunit To Drive Glycolytic Activation and Support Productive Viral Infection. <i>Journal of Virology</i> , 2021, 95, .	1.5	10
33	The $\kappa$ B Kinases Restrict Human Cytomegalovirus Infection. <i>Journal of Virology</i> , 2019, 93, .	1.5	6
34	TNF $\alpha$ -induced metabolic reprogramming drives an intrinsic anti-viral state. <i>PLoS Pathogens</i> , 2022, 18, e1010722.	2.1	2
35	Transformation with Oncogenic Ras and the Simian Virus 40 T Antigens Induces Caspase-Dependent Sensitivity to Fatty Acid Biosynthetic Inhibition. <i>Journal of Virology</i> , 2015, 89, 6406-6417.	1.5	1
36	Contributions of the Human Cytomegalovirus UL30-Associated Open Reading Frames to Infection. <i>Journal of Virology</i> , 2021, 95, .	1.5	0