

# William J Israelsen

## List of Publications by Citations

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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.

18  
papers

2,447  
citations

11  
h-index

22  
g-index

22  
ext. papers

3,014  
ext. citations

17  
avg, IF

4.56  
L-index

#	Paper	IF	Citations
18	Pyruvate kinase M2 regulates Hif-1 $\alpha$ activity and IL-1 $\beta$ induction and is a critical determinant of the warburg effect in LPS-activated macrophages. <i>Cell Metabolism</i> , <b>2015</b> , 21, 65-80	24.6	565
17	Pyruvate kinase M2 activators promote tetramer formation and suppress tumorigenesis. <i>Nature Chemical Biology</i> , <b>2012</b> , 8, 839-47	11.7	476
16	PKM2 isoform-specific deletion reveals a differential requirement for pyruvate kinase in tumor cells. <i>Cell</i> , <b>2013</b> , 155, 397-409	56.2	333
15	Pyruvate kinase: Function, regulation and role in cancer. <i>Seminars in Cell and Developmental Biology</i> , <b>2015</b> , 43, 43-51	7.5	261
14	Cell-state-specific metabolic dependency in hematopoiesis and leukemogenesis. <i>Cell</i> , <b>2014</b> , 158, 1309-1322	37.2	220
13	Pyruvate kinase M2 activation may protect against the progression of diabetic glomerular pathology and mitochondrial dysfunction. <i>Nature Medicine</i> , <b>2017</b> , 23, 753-762	50.5	214
12	Pyruvate kinase isoform expression alters nucleotide synthesis to impact cell proliferation. <i>Molecular Cell</i> , <b>2015</b> , 57, 95-107	17.6	164
11	Germline loss of PKM2 promotes metabolic distress and hepatocellular carcinoma. <i>Genes and Development</i> , <b>2016</b> , 30, 1020-33	12.6	91
10	2-Oxo-N-aryl-1,2,3,4-tetrahydroquinoline-6-sulfonamides as activators of the tumor cell specific M2 isoform of pyruvate kinase. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2011</b> , 21, 6322-7	2.9	47
9	ATP consumption promotes cancer metabolism. <i>Cell</i> , <b>2010</b> , 143, 669-71	56.2	35
8	PKM2 is not required for colon cancer initiated by APC loss. <i>Cancer &amp; Metabolism</i> , <b>2017</b> , 5, 10	5.4	21
7	Cancer-associated mutations in human pyruvate kinase M2 impair enzyme activity. <i>FEBS Letters</i> , <b>2020</b> , 594, 646-664	3.8	10
6	Nesting box imager: Contact-free, real-time measurement of activity, surface body temperature, and respiratory rate applied to hibernating mouse models. <i>PLoS Biology</i> , <b>2019</b> , 17, e3000406	9.7	6
5	Cutaneous Dermatophilosis in a Meadow Jumping Mouse ( <i>Dipodomys deserti</i> ). <i>Comparative Medicine</i> , <b>2018</b> , 68, 25-30	1.6	2
4	Pyruvate kinase M1 suppresses development and progression of prostate adenocarcinoma		1
3	Fibroblasts as an experimental model system for the study of comparative physiology.. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>2022</b> , 110735	2.3	1
2	Courtship behavior of the meadow jumping mouse ( <i>Dipodomys deserti</i> ). <i>Western North American Naturalist</i> , <b>2021</b> , 81, 267-274		1

- 1 Breeding and hibernation of captive meadow jumping mice (*Zapus hudsonius*). *PLoS ONE*, **2021**, 16, e0240706