

# Travis B Lear

## List of Publications by Year in descending order

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25  
papers

649  
citations

686830

13  
h-index

642321

23  
g-index

28  
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28  
docs citations

28  
times ranked

1401  
citing authors

#	ARTICLE	IF	CITATIONS
1	Lipopolysaccharide Primes the NALP3 Inflammasome by Inhibiting Its Ubiquitination and Degradation Mediated by the SCFFBXL2 E3 Ligase. <i>Journal of Biological Chemistry</i> , 2015, 290, 18124-18133.	1.6	146
2	The Proapoptotic F-box Protein Fbxl7 Regulates Mitochondrial Function by Mediating the Ubiquitylation and Proteasomal Degradation of Survivin. <i>Journal of Biological Chemistry</i> , 2015, 290, 11843-11852.	1.6	56
3	A high-throughput screen for TMPRSS2 expression identifies FDA-approved compounds that can limit SARS-CoV-2 entry. <i>Nature Communications</i> , 2021, 12, 3907.	5.8	50
4	E3 Ligase Subunit Fbxo15 and PINK1 Kinase Regulate Cardiolipin Synthase 1 Stability and Mitochondrial Function in Pneumonia. <i>Cell Reports</i> , 2014, 7, 476-487.	2.9	45
5	Chemical inhibition of FBXO7 reduces inflammation and confers neuroprotection by stabilizing the mitochondrial kinase PINK1. <i>JCI Insight</i> , 2020, 5, .	2.3	40
6	The proinflammatory role of HECTD2 in innate immunity and experimental lung injury. <i>Science Translational Medicine</i> , 2015, 7, 295ra109.	5.8	38
7	Ubiquitin E3 ligase FIEL1 regulates fibrotic lung injury through SUMO-E3 ligase PIAS4. <i>Journal of Experimental Medicine</i> , 2016, 213, 1029-1046.	4.2	30
8	Post-translational modification of the interferon-gamma receptor alters its stability and signaling. <i>Biochemical Journal</i> , 2017, 474, 3543-3557.	1.7	29
9	Toll-like Receptor 8 Stability Is Regulated by Ring Finger 216 in Response to Circulating MicroRNAs. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2020, 62, 157-167.	1.4	27
10	The RING-type E3 ligase RNF186 ubiquitinates Sestrin-2 and thereby controls nutrient sensing. <i>Journal of Biological Chemistry</i> , 2019, 294, 16527-16534.	1.6	20
11	RING finger E3 ligase PPP1R11 regulates TLR2 signaling and innate immunity. <i>ELife</i> , 2016, 5, .	2.8	19
12	A Fbxo48 inhibitor prevents pAMPK $\alpha$ degradation and ameliorates insulin resistance. <i>Nature Chemical Biology</i> , 2021, 17, 298-306.	3.9	16
13	The RNFT2/IL-3R $\alpha$ axis regulates IL-3 signaling and innate immunity. <i>JCI Insight</i> , 2020, 5, .	2.3	16
14	Novel PDE4 Inhibitors Derived from Chinese Medicine Forsythia. <i>PLoS ONE</i> , 2014, 9, e115937.	1.1	14
15	Receptor for advanced glycation end products is targeted by FBXO10 for ubiquitination and degradation. <i>FASEB Journal</i> , 2017, 31, 3894-3903.	0.2	14
16	A small molecule NRF2 activator BC-1901S ameliorates inflammation through DCAF1/NRF2 axis. <i>Redox Biology</i> , 2020, 32, 101485.	3.9	13
17	KIAA0317 regulates pulmonary inflammation through SOCS2 degradation. <i>JCI Insight</i> , 2019, 4, .	2.3	13
18	Kelch-like protein 42 is a profibrotic ubiquitin E3 ligase involved in systemic sclerosis. <i>Journal of Biological Chemistry</i> , 2020, 295, 4171-4180.	1.6	12

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19	RING finger protein 113A regulates C-X-C chemokine receptor type 4 stability and signaling. American Journal of Physiology - Cell Physiology, 2017, 313, C584-C592.	2.1	11
20	Crystal structure and interaction studies of the human <scp>FB</scp> ApoA domain. FEBS Journal, 2016, 283, 2091-2101.	2.2	9
21	Therapeutic targets in fibrotic pathways. Cytokine, 2016, 88, 193-195.	1.4	8
22	The Human IL-22 Receptor Is Regulated through the Action of the Novel E3 Ligase Subunit FBXW12, Which Functions as an Epithelial Growth Suppressor. Journal of Immunology Research, 2015, 2015, 1-9.	0.9	7
23	A Repurposed Drug Screen for Compounds Regulating Aquaporin 5 Stability in Lung Epithelial Cells. Frontiers in Pharmacology, 2022, 13, 828643.	1.6	3
24	Ubiquitin E3 ligase FIEL1 regulates fibrotic lung injury through SUMO-E3 ligase PIAS4. Journal of Cell Biology, 2016, 213, 2134OIA108.	2.3	0
25	Modulation of lysosomal function as a therapeutic approach for coronaviral infections. FASEB Journal, 2022, 36, .	0.2	0