Manuel D Leonetti

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.

32 papers	1,976 citations	19 h-index	38 g-index
38 ext. papers	2,950 ext. citations	23.5 avg, IF	4.71 L-index

#	Paper	IF	Citations
32	Reprogramming human T cell function and specificity with non-viral genome targeting. *Nature*, **2018**, 559, 405-409	50.4	367
31	Structure of the human BK channel Ca2+-activation apparatus at 3.0 A resolution. *Science*, **2010**, 329, 182-6	33.3	249
30	Versatile protein tagging in cells with split fluorescent protein. *Nature Communications*, **2016**, 7, 11046	17.4	206
29	Pervasive functional translation of noncanonical human open reading frames. *Science*, **2020**, 367, 1140-1146	33.3	168
28	A scalable strategy for high-throughput GFP tagging of endogenous human proteins. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, E3501-8	11.5	141
27	Ion selectivity in a semisynthetic K+ channel locked in the conductive conformation. *Science*, **2006**, 314, 1004-7	33.3	113
26	Open structure of the Ca2+ gating ring in the high-conductance Ca2+-activated K+ channel. *Nature*, **2011**, 481, 94-7	50.4	109
25	Improved split fluorescent proteins for endogenous protein labeling. *Nature Communications*, **2017**, 8, 370	17.4	100
24	Genome-wide programmable transcriptional memory by CRISPR-based epigenome editing. *Cell*, **2021**, 184, 2503-2519.e17	56.2	80
23	Epi-illumination SPIM for volumetric imaging with high spatial-temporal resolution. *Nature Methods* , **2019**, 16, 501-504	21.6	60
22	Large dataset enables prediction of repair after CRISPR-Cas9 editing in primary T cells. *Nature Biotechnology*, **2019**, 37, 1034-1037	44.5	52
21	Compromised function of the ESCRT pathway promotes endolysosomal escape of tau seeds and propagation of tau aggregation. *Journal of Biological Chemistry*, **2019**, 294, 18952-18966	5.4	49
20	Structural basis of NR2B-selective antagonist recognition by N-methyl-D-aspartate receptors. *Molecular Pharmacology*, **2009**, 75, 60-74	4.3	49
19	Functional and structural analysis of the human SLO3 pH- and voltage-gated K+ channel. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 19274-9	11.5	42
18	Spatiotemporal dissection of the cell cycle with single-cell proteogenomics. *Nature*, **2021**, 590, 649-654	50.4	36
17	Design and specificity of long ssDNA donors for CRISPR-based knock-in		29
16	Mapping the nucleolar proteome reveals a spatiotemporal organization related to intrinsic protein disorder. *Molecular Systems Biology*, **2020**, 16, e9469	12.2	27

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15	Revealing architectural order with quantitative label-free imaging and deep learning. *ELife*, **2020**, 9,	8.9	21
14	Deep profiling reveals substantial heterogeneity of integration outcomes in CRISPR knock-in experiments		19
13	Conserved Functions of Ether Lipids and Sphingolipids in the Early Secretory Pathway. *Current Biology*, **2020**, 30, 3775-3787.e7	6.3	19
12	OpenCell: Endogenous tagging for the cartography of human cellular organization.. *Science*, **2022**, 375, eabi6983	33.3	9
11	WASP integrates substrate topology and cell polarity to guide neutrophil migration.. *Journal of Cell Biology*, **2022**, 221,	7.3	6
10	Self-Supervised Deep-Learning Encodes High-Resolution Features of Protein Subcellular Localization		5
9	OpenCell: proteome-scale endogenous tagging enables the cartography of human cellular organization		4
8	Reprogramming human T cell function and specificity with non-viral genome targeting		3
7	Spatiotemporal dissection of the cell cycle with single-cell proteogenomics		3
6	Split-wrmScarlet and split-sfGFP: tools for faster, easier fluorescent labeling of endogenous proteins in Caenorhabditis elegans. *Genetics*, **2021**, 217,	4	3
5	Revealing architectural order with quantitative label-free imaging and deep learning		1
4	Mapping the nucleolar proteome reveals a spatiotemporal organization related to intrinsic protein disorder		1
3	Compromised function of the ESCRT pathway promotes endolysosomal escape of tau seeds and propagation of tau aggregation		1
2	Improved Split Fluorescent Proteins for Endogenous Protein Labeling		1
1	Oxaliplatin kills cells via liquid-liquid demixing of nucleoli		1