

# Manuel D Leonetti

## List of Publications by Year in Descending Order

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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	WASP integrates substrate topology and cell polarity to guide neutrophil migration.. <i>Journal of Cell Biology</i> , <b>2022</b> , 221,	7.3	6
31	OpenCell: Endogenous tagging for the cartography of human cellular organization.. <i>Science</i> , <b>2022</b> , 375, eabi6983	33.3	9
30	Genome-wide programmable transcriptional memory by CRISPR-based epigenome editing. <i>Cell</i> , <b>2021</b> , 184, 2503-2519.e17	56.2	80
29	Split-wrmScarlet and split-sfGFP: tools for faster, easier fluorescent labeling of endogenous proteins in <i>Caenorhabditis elegans</i> . <i>Genetics</i> , <b>2021</b> , 217,	4	3
28	Spatiotemporal dissection of the cell cycle with single-cell proteogenomics. <i>Nature</i> , <b>2021</b> , 590, 649-654	50.4	36
27	Pervasive functional translation of noncanonical human open reading frames. <i>Science</i> , <b>2020</b> , 367, 1140-1146	33.9	168
26	Mapping the nucleolar proteome reveals a spatiotemporal organization related to intrinsic protein disorder. <i>Molecular Systems Biology</i> , <b>2020</b> , 16, e9469	12.2	27
25	Revealing architectural order with quantitative label-free imaging and deep learning. <i>ELife</i> , <b>2020</b> , 9,	8.9	21
24	Conserved Functions of Ether Lipids and Sphingolipids in the Early Secretory Pathway. <i>Current Biology</i> , <b>2020</b> , 30, 3775-3787.e7	6.3	19
23	Epi-illumination SPIM for volumetric imaging with high spatial-temporal resolution. <i>Nature Methods</i> , <b>2019</b> , 16, 501-504	21.6	60
22	Large dataset enables prediction of repair after CRISPR-Cas9 editing in primary T cells. <i>Nature Biotechnology</i> , <b>2019</b> , 37, 1034-1037	44.5	52
21	Compromised function of the ESCRT pathway promotes endolysosomal escape of tau seeds and propagation of tau aggregation. <i>Journal of Biological Chemistry</i> , <b>2019</b> , 294, 18952-18966	5.4	49
20	Reprogramming human T cell function and specificity with non-viral genome targeting. <i>Nature</i> , <b>2018</b> , 559, 405-409	50.4	367
19	Improved split fluorescent proteins for endogenous protein labeling. <i>Nature Communications</i> , <b>2017</b> , 8, 370	17.4	100
18	Versatile protein tagging in cells with split fluorescent protein. <i>Nature Communications</i> , <b>2016</b> , 7, 11046	17.4	206
17	A scalable strategy for high-throughput GFP tagging of endogenous human proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, E3501-8	11.5	141
16	Functional and structural analysis of the human SLO3 pH- and voltage-gated K <sup>+</sup> channel. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 19274-9	11.5	42

15	Open structure of the Ca <sup>2+</sup> gating ring in the high-conductance Ca <sup>2+</sup> -activated K <sup>+</sup> channel. <i>Nature</i> , <b>2011</b> , 481, 94-7	50.4	109
14	Structure of the human BK channel Ca <sup>2+</sup> -activation apparatus at 3.0 Å resolution. <i>Science</i> , <b>2010</b> , 329, 182-6	33.3	249
13	Structural basis of NR2B-selective antagonist recognition by N-methyl-D-aspartate receptors. <i>Molecular Pharmacology</i> , <b>2009</b> , 75, 60-74	4.3	49
12	Ion selectivity in a semisynthetic K <sup>+</sup> channel locked in the conductive conformation. <i>Science</i> , <b>2006</b> , 314, 1004-7	33.3	113
11	Revealing architectural order with quantitative label-free imaging and deep learning		1
10	Design and specificity of long ssDNA donors for CRISPR-based knock-in		29
9	Reprogramming human T cell function and specificity with non-viral genome targeting		3
8	Mapping the nucleolar proteome reveals a spatiotemporal organization related to intrinsic protein disorder		1
7	Spatiotemporal dissection of the cell cycle with single-cell proteogenomics		3
6	Compromised function of the ESCRT pathway promotes endolysosomal escape of tau seeds and propagation of tau aggregation		1
5	Deep profiling reveals substantial heterogeneity of integration outcomes in CRISPR knock-in experiments		19
4	Improved Split Fluorescent Proteins for Endogenous Protein Labeling		1
3	Self-Supervised Deep-Learning Encodes High-Resolution Features of Protein Subcellular Localization		5
2	OpenCell: proteome-scale endogenous tagging enables the cartography of human cellular organization		4
1	Oxaliplatin kills cells via liquid-liquid demixing of nucleoli		1