

Harvey F Lodish

List of Publications by Year in descending order

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47
papers

6,045
citations

172207

29
h-index

288905

40
g-index

47
all docs

47
docs citations

47
times ranked

6775
citing authors

#	ARTICLE	IF	CITATIONS
1	Synchronised transmembrane insertion and glycosylation of a nascent membrane protein. <i>Nature</i> , 1977, 269, 775-780.	13.7	574
2	Topological organization of multichromosomal regions by the long intergenic noncoding RNA Firre. <i>Nature Structural and Molecular Biology</i> , 2014, 21, 198-206.	3.6	565
3	Hepatoma secretory proteins migrate from rough endoplasmic reticulum to Golgi at characteristic rates. <i>Nature</i> , 1983, 304, 80-83.	13.7	448
4	Model for the regulation of mRNA translation applied to haemoglobin synthesis. <i>Nature</i> , 1974, 251, 385-388.	13.7	423
5	Micromanagement of the immune system by microRNAs. <i>Nature Reviews Immunology</i> , 2008, 8, 120-130.	10.6	390
6	Long noncoding RNAs regulate adipogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 3387-3392.	3.3	371
7	Initiation of Haemoglobin Synthesis by Methionyl-tRNA. <i>Nature</i> , 1970, 227, 913-918.	13.7	293
8	Altered translation of GATA1 in Diamond-Blackfan anemia. <i>Nature Medicine</i> , 2014, 20, 748-753.	15.2	243
9	De Novo Reconstruction of Adipose Tissue Transcriptomes Reveals Long Non-coding RNA Regulators of Brown Adipocyte Development. <i>Cell Metabolism</i> , 2015, 21, 764-776.	7.2	201
10	CYTOKINE RECEPTOR SIGNAL TRANSDUCTION AND THE CONTROL OF HEMATOPOIETIC CELL DEVELOPMENT. <i>Annual Review of Cell and Developmental Biology</i> , 1996, 12, 91-128.	4.0	196
11	Long non-coding RNAs as regulators of the endocrine system. <i>Nature Reviews Endocrinology</i> , 2015, 11, 151-160.	4.3	183
12	Global discovery of erythroid long noncoding RNAs reveals novel regulators of red cell maturation. <i>Blood</i> , 2014, 123, 570-581.	0.6	181
13	Engineered red blood cells as carriers for systemic delivery of a wide array of functional probes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 10131-10136.	3.3	168
14	Two Compartments for Insulin-Stimulated Exocytosis in 3t3-L1 Adipocytes Defined by Endogenous Acrp30 and Glut4. <i>Journal of Cell Biology</i> , 1999, 146, 609-620.	2.3	160
15	Mechanism of sequential induction of cell-type specific mRNAs in <i>Dictyostelium</i> differentiation. <i>Nature</i> , 1984, 310, 67-69.	13.7	147
16	Sorting and recycling of cell surface receptors and endocytosed ligands: The asialoglycoprotein and transferrin receptors. <i>Journal of Cellular Biochemistry</i> , 1983, 23, 107-130.	1.2	139
17	Specificity in Bacterial Protein Synthesis : Role of Initiation Factors and Ribosomal Subunits. <i>Nature</i> , 1970, 226, 705-707.	13.7	136
18	Emerging mechanisms of long noncoding RNA function during normal and malignant hematopoiesis. <i>Blood</i> , 2017, 130, 1965-1975.	0.6	135

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19	Translation in vitro of vesicular stomatitis virus mRNA lacking 5' terminal 7-methylguanosine. <i>Nature</i> , 1976, 262, 32-37.	13.7	132
20	PPAR- α and glucocorticoid receptor synergize to promote erythroid progenitor self-renewal. <i>Nature</i> , 2015, 522, 474-477.	13.7	117
21	Cyclic AMP stabilizes a class of developmentally regulated <i>Dictyostelium discoideum</i> mRNAs. <i>Nature</i> , 1983, 301, 616-618.	13.7	111
22	Species Specificity of Polypeptide Chain Initiation. <i>Nature</i> , 1969, 224, 867-870.	13.7	101
23	The Super-Enhancer-Derived lncRNA-EC7/Bloodline Potentiates Red Blood Cell Development in Trans. <i>Cell Reports</i> , 2017, 19, 2503-2514.	2.9	96
24	Isolation and Hybridization Kinetics of Messenger RNA from <i>Dictyostelium discoideum</i> . <i>Nature: New Biology</i> , 1972, 239, 225-228.	4.5	94
25	Membrane assembly: Synthesis and intracellular processing of the vesicular stomatitis viral glycoprotein. <i>Journal of Supramolecular Structure</i> , 1977, 7, 353-370.	2.3	75
26	Structure of the murine anion exchange protein. <i>Journal of Cellular Biochemistry</i> , 1985, 29, 1-17.	1.2	64
27	A respiratory chain controlled signal transduction cascade in the mitochondrial intermembrane space mediates hydrogen peroxide signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E5679-88.	3.3	58
28	Muscleblind-like 1 (Mbn1) regulates pre-mRNA alternative splicing during terminal erythropoiesis. <i>Blood</i> , 2014, 124, 598-610.	0.6	46
29	Vesicular Stomatitis Virus mRNA and Inhibition of Translation of Cellular mRNA—Is There a P Function in Vesicular Stomatitis Virus?. <i>Journal of Virology</i> , 1981, 38, 504-517.	1.5	41
30	Inhibition of Replication of Ribonucleic Acid Bacteriophage ϕ 2 by Superinfection with Bacteriophage T4. <i>Journal of Virology</i> , 1971, 8, 417-429.	1.5	32
31	FAM210B is an erythropoietin target and regulates erythroid heme synthesis by controlling mitochondrial iron import and ferrochelatase activity. <i>Journal of Biological Chemistry</i> , 2018, 293, 19797-19811.	1.6	30
32	Diffuse vesicular distribution of Rab3D in the polarized neuroendocrine cell line AtT-20. <i>FEBS Letters</i> , 1995, 368, 271-275.	1.3	29
33	Global analysis of induced transcription factors and cofactors identifies Tfdp2 as an essential coregulator during terminal erythropoiesis. <i>Experimental Hematology</i> , 2014, 42, 464-476.e5.	0.2	15
34	An adipose lncRAP2-Igf2bp2 complex enhances adipogenesis and energy expenditure by stabilizing target mRNAs. <i>iScience</i> , 2022, 25, 103680.	1.9	13
35	Efficient CRISPR-Cas9 mediated gene disruption in primary erythroid progenitor cells. <i>Haematologica</i> , 2016, 101, e216-e219.	1.7	9
36	GENE ACTIVITY DURING DEVELOPMENT OF THE CELLULAR SLIME MOLD <i>Dictyostelium discoideum</i> . <i>Genetics</i> , 1974, 78, 355-372.	1.2	9

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37	Accommodating family life: mentoring future female faculty members. Trends in Cell Biology, 2015, 25, 109-111.	3.6	8
38	Translational Control of Protein Synthesis: The Early Years. Journal of Biological Chemistry, 2012, 287, 36528-36535.	1.6	7
39	Revelations of a chloride channel. Nature, 1990, 348, 489-490.	13.7	3
40	Analysis of secretory dynamics and development of media for the controlled secretion of insulin-related peptides from \hat{I}^2TC-3 insulinoma cells. , 1997, 53, 274-282.		1
41	Engineered red blood cells carrying PCSK9 inhibitors persistently lower LDL and prevent obesity. PLoS ONE, 2021, 16, e0259353.	1.1	1
42	Research Funding. Nature, 1973, 243, 366-367.	13.7	0
43	Processing and secretion of insulin-related peptides in an insulinoma cell line. , 1997, 53, 283-289.		0
44	Fifty years of mentoring and advising. Molecular Biology of the Cell, 2017, 28, 2908-2910.	0.9	0
45	Over 60 Years of Experimental Hematology (without a License). Experimental Hematology, 2020, 89, 1-12.	0.2	0
46	The Membrane Proximal Portion of the Thrombopoietin Receptor (Mpl) Elicits Novel Pivotal Signals for Hematopoietic Stem Cell Self-Renewal.. Blood, 2005, 106, 1728-1728.	0.6	0
47	The Role of K-ras Signaling in Erythropoiesis In Vivo.. Blood, 2005, 106, 3136-3136.	0.6	0