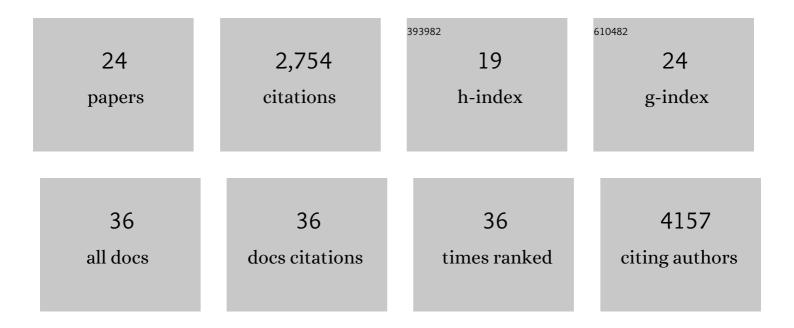
Marco Jost

List of Publications by Year in descending order

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Μαρέο Ιοςτ

#	Article	IF	CITATIONS
1	Mapping information-rich genotype-phenotype landscapes with genome-scale Perturb-seq. Cell, 2022, 185, 2559-2575.e28.	13.5	169
2	CRISPR-based functional genomics in human dendritic cells. ELife, 2021, 10, .	2.8	10
3	Genome-wide CRISPRi screening identifies OCIAD1 as a prohibitin client and regulatory determinant of mitochondrial Complex III assembly in human cells. ELife, 2021, 10, .	2.8	20
4	High-content imaging-based pooled CRISPR screens in mammalian cells. Journal of Cell Biology, 2021, 220, .	2.3	53
5	Mismatch-CRISPRi Reveals the Co-varying Expression-Fitness Relationships of Essential Genes in Escherichia coli and Bacillus subtilis. Cell Systems, 2020, 11, 523-535.e9.	2.9	72
6	Pharmaceutical-Grade Rigosertib Is a Microtubule-Destabilizing Agent. Molecular Cell, 2020, 79, 191-198.e3.	4.5	22
7	GIGYF2 and 4EHP Inhibit Translation Initiation of Defective Messenger RNAs to Assist Ribosome-Associated Quality Control. Molecular Cell, 2020, 79, 950-962.e6.	4.5	119
8	Titrating gene expression using libraries of systematically attenuated CRISPR guide RNAs. Nature Biotechnology, 2020, 38, 355-364.	9.4	108
9	Exploring genetic interaction manifolds constructed from rich single-cell phenotypes. Science, 2019, 365, 786-793.	6.0	155
10	DNA repair enzymes ALKBH2, ALKBH3,Âand AlkB oxidize 5-methylcytosine to 5-hydroxymethylcytosine, 5-formylcytosine and 5-carboxylcytosine in vitro. Nucleic Acids Research, 2019, 47, 5522-5529.	6.5	51
11	Molecular recording of mammalian embryogenesis. Nature, 2019, 570, 77-82.	13.7	257
12	CRISPR Approaches to Small Molecule Target Identification. ACS Chemical Biology, 2018, 13, 366-375.	1.6	68
13	Combined CRISPRi/a-Based Chemical Genetic Screens Reveal that Rigosertib Is a Microtubule-Destabilizing Agent. Molecular Cell, 2017, 68, 210-223.e6.	4.5	197
14	A New Facet of Vitamin B ₁₂ : Gene Regulation by Cobalamin-Based Photoreceptors. Annual Review of Biochemistry, 2017, 86, 485-514.	5.0	85
15	A Multiplexed Single-Cell CRISPR Screening Platform Enables Systematic Dissection of the Unfolded Protein Response. Cell, 2016, 167, 1867-1882.e21.	13.5	819
16	Structure of the Catalytic Domain of the Class I Polyhydroxybutyrate Synthase from Cupriavidus necator. Journal of Biological Chemistry, 2016, 291, 25264-25277.	1.6	69
17	Adaptive Response Enzyme AlkB Preferentially Repairs 1-Methylguanine and 3-Methylthymine Adducts in Double-Stranded DNA. Chemical Research in Toxicology, 2016, 29, 687-693.	1.7	38
18	Next-generation sequencing reveals the biological significance of the <i>N</i> Â2,3-ethenoguanine lesion <i>in vivo</i> . Nucleic Acids Research, 2015, 43, 5489-5500.	6.5	39

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#	Article	IF	CITATIONS
19	Visualization of a radical B ₁₂ enzyme with its G-protein chaperone. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 2419-2424.	3.3	29
20	Structural basis for gene regulation by a B12-dependent photoreceptor. Nature, 2015, 526, 536-541.	13.7	149
21	Structural Basis for Substrate Specificity in Adenosylcobalamin-dependent Isobutyryl-CoA Mutase and Related Acyl-CoA Mutases. Journal of Biological Chemistry, 2015, 290, 26882-26898.	1.6	24
22	Electrochemical Characterization of Escherichia coli Adaptive Response Protein AidB. International Journal of Molecular Sciences, 2012, 13, 16899-16915.	1.8	6
23	Structure of Adenovirus Type 21 Knob in Complex with CD46 Reveals Key Differences in Receptor Contacts among Species B Adenoviruses. Journal of Virology, 2010, 84, 3189-3200.	1.5	40
24	Structureâ^'Function Analysis of an Enzymatic Prenyl Transfer Reaction Identifies a Reaction Chamber with Modifiable Specificity. Journal of the American Chemical Society, 2010, 132, 17849-17858.	6.6	87