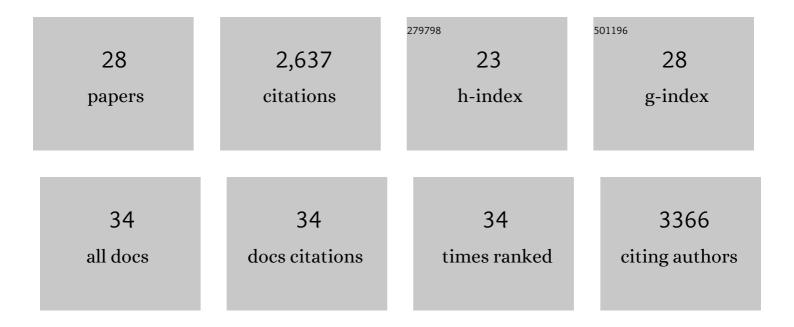
Basil J Greber

List of Publications by Year in descending order

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RASH I COFRED

#	Article	IF	CITATIONS
1	The complete structure of the 55 <i>S</i> mammalian mitochondrial ribosome. Science, 2015, 348, 303-308.	12.6	344
2	The complete structure of the large subunit of the mammalian mitochondrial ribosome. Nature, 2014, 515, 283-286.	27.8	231
3	Architecture of the large subunit of the mammalian mitochondrial ribosome. Nature, 2014, 505, 515-519.	27.8	207
4	Structure and Function of the Mitochondrial Ribosome. Annual Review of Biochemistry, 2016, 85, 103-132.	11.1	199
5	Assembly principles and structure of a 6.5-MDa bacterial microcompartment shell. Science, 2017, 356, 1293-1297.	12.6	187
6	Cryo-EM structure of substrate-bound human telomerase holoenzyme. Nature, 2018, 557, 190-195.	27.8	171
7	Structure of human TFIID and mechanism of TBP loading onto promoter DNA. Science, 2018, 362, .	12.6	123
8	YidC and Oxa1 Form Dimeric Insertion Pores on the Translating Ribosome. Molecular Cell, 2009, 34, 344-353.	9.7	117
9	Insertion of the Biogenesis Factor Rei1 Probes the Ribosomal Tunnel during 60S Maturation. Cell, 2016, 164, 91-102.	28.9	97
10	Cryo-EM structures of Arx1 and maturation factors Rei1 and Jjj1 bound to the 60S ribosomal subunit. Nature Structural and Molecular Biology, 2012, 19, 1228-1233.	8.2	95
11	Mitochondrial 16S rRNA Is Methylated by tRNA Methyltransferase TRMT61B in All Vertebrates. PLoS Biology, 2016, 14, e1002557.	5.6	95
12	The complete structure of the human TFIIH core complex. ELife, 2019, 8, .	6.0	91
13	The cryo-electron microscopy structure of human transcription factor IIH. Nature, 2017, 549, 414-417.	27.8	89
14	A Midzone-Based Ruler Adjusts Chromosome Compaction to Anaphase Spindle Length. Science, 2011, 332, 465-468.	12.6	87
15	Architecture of the chromatin remodeler RSC and insights into its nucleosome engagement. ELife, 2019, 8, .	6.0	68
16	Mechanistic insight into eukaryotic 60S ribosomal subunit biogenesis by cryo-electron microscopy. Rna, 2016, 22, 1643-1662.	3.5	54
17	The Plasticity of Molecular Interactions Governs Bacterial Microcompartment Shell Assembly. Structure, 2019, 27, 749-763.e4.	3.3	50
18	High-resolution structures of mitochondrial ribosomes and their functional implications. Current Opinion in Structural Biology, 2018, 49, 44-53.	5.7	45

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#	Article	IF	CITATIONS
19	Cryo-EM Structure of the Archaeal 50S Ribosomal Subunit in Complex with Initiation Factor 6 and Implications for Ribosome Evolution. Journal of Molecular Biology, 2012, 418, 145-160.	4.2	42
20	Recent insights into the structure of TFIID, its assembly, and its binding to core promoter. Current Opinion in Structural Biology, 2020, 61, 17-24.	5.7	42
21	The cryoelectron microscopy structure of the human CDK-activating kinase. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 22849-22857.	7.1	42
22	Structural basis for dimerization quality control. Nature, 2020, 586, 452-456.	27.8	36
23	Structural transitions in the GTP cap visualized by cryo-electron microscopy of catalytically inactive microtubules. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	28
24	The Structures of Eukaryotic Transcription Pre-initiation Complexes and Their Functional Implications. Sub-Cellular Biochemistry, 2019, 93, 143-192.	2.4	27
25	2.5ÂÃresolution structure of human CDK-activating kinase bound to the clinical inhibitor ICEC0942. Biophysical Journal, 2021, 120, 677-686.	0.5	22
26	Archaeal aminoacyl-tRNA synthetases interact with the ribosome to recycle tRNAs. Nucleic Acids Research, 2014, 42, 5191-5201.	14.5	19
27	High-resolution cryo-EM structures of TFIIH and their functional implications. Current Opinion in Structural Biology, 2019, 59, 188-194.	5.7	13
28	Mechanistic insight into co-translational protein processing, folding, targeting, and membrane insertion. , 2011, , 405-418.		1