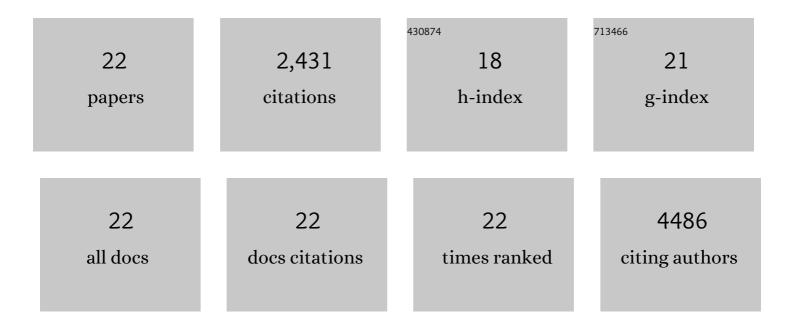
## **Richard D Bunker**

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1852662/publications.pdf Version: 2024-02-01



RICHARD D RUNKER

#	Article	IF	CITATIONS
1	Histone Methylation by PRC2 Is Inhibited by Active Chromatin Marks. Molecular Cell, 2011, 42, 330-341.	9.7	620
2	Defining the human C2H2 zinc finger degrome targeted by thalidomide analogs through CRBN. Science, 2018, 362, .	12.6	320
3	The CDK inhibitor CR8 acts as a molecular glue degrader that depletes cyclin K. Nature, 2020, 585, 293-297.	27.8	219
4	Crystal structure of the human COP9 signalosome. Nature, 2014, 512, 161-165.	27.8	197
5	Cullin–RING ubiquitin E3 ligase regulation by the COP9 signalosome. Nature, 2016, 531, 598-603.	27.8	173
6	Mechanisms of OCT4-SOX2 motif readout on nucleosomes. Science, 2020, 368, 1460-1465.	12.6	160
7	Rif1 and Rif2 Shape Telomere Function and Architecture through Multivalent Rap1 Interactions. Cell, 2013, 153, 1340-1353.	28.9	92
8	Structural basis for the enhancement of virulence by viral spindles and their in vivo crystallization. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 3973-3978.	7.1	92
9	DNA damage detection in nucleosomes involves DNA register shifting. Nature, 2019, 571, 79-84.	27.8	72
10	Structural and mechanistic insight into Holliday-junction dissolution by Topoisomerase IIIα and RMI1. Nature Structural and Molecular Biology, 2014, 21, 261-268.	8.2	71
11	Atomic structure of granulin determined from native nanocrystalline granulovirus using an X-ray free-electron laser. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 2247-2252.	7.1	65
12	Crystal Structure of the Minor Pilin FctB Reveals Determinants of Group A Streptococcal Pilus Anchoring. Journal of Biological Chemistry, 2010, 285, 20381-20389.	3.4	61
13	Structure and function of GlmU from <i>Mycobacterium tuberculosis</i> . Acta Crystallographica Section D: Biological Crystallography, 2009, 65, 275-283.	2.5	54
14	Rif1 maintains telomeres and mediates DNA repair by encasing DNA ends. Nature Structural and Molecular Biology, 2017, 24, 588-595.	8.2	51
15	Structural Basis of BRCC36 Function in DNA Repair and Immune Regulation. Molecular Cell, 2019, 75, 483-497.e9.	9.7	50
16	Crystal structure of PAE0151 from <i>Pyrobaculum aerophilum</i> , a PINâ€domain (VapC) protein from a toxinâ€antitoxin operon. Proteins: Structure, Function and Bioinformatics, 2008, 72, 510-518.	2.6	45
17	A functional role of Rv1738 in <i>Mycobacterium tuberculosis</i> persistence suggested by racemic protein crystallography. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 4310-4315.	7.1	43
18	Structure and Function of Human Xylulokinase, an Enzyme with Important Roles in Carbohydrate Metabolism. Journal of Biological Chemistry, 2013, 288, 1643-1652.	3.4	23

#	Article	IF	CITATIONS
19	The physiological substrates of fructosamine-3-kinase-related-protein (FN3KRP) are intermediates of nonenzymatic reactions between biological amines and ketose sugars (fructation products). Medical Hypotheses, 2011, 77, 739-744.	1.5	9
20	Purification, crystallization and preliminary crystallographic analysis of human dihydrodipicolinate synthase-like protein (DHDPSL). Acta Crystallographica Section F: Structural Biology Communications, 2012, 68, 59-62.	0.7	8
21	Regulation of human 4-hydroxy-2-oxoglutarate aldolase by pyruvate and α-ketoglutarate: implications for primary hyperoxaluria type-3. Biochemical Journal, 2019, 476, 3369-3383.	3.7	6
22	Chapter 7. Structure Determination and Refinement of Large Macromolecular Assemblies at Low Resolution. Chemical Biology, 2018, , 157-180.	0.2	0