

Aaron Klug

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

5,689
citations

26
h-index

37
g-index

37
ext. papers

6,021
ext. citations

15.3
avg, IF

5.89
L-index

#	Paper	IF	Citations
32	Sir Martin Roth. 6 November 1917 – 26 September 2006. <i>Biographical Memoirs of Fellows of the Royal Society</i> , 2010 , 56, 377-389	0.1	
31	From virus structure to chromatin: X-ray diffraction to three-dimensional electron microscopy. <i>Annual Review of Biochemistry</i> , 2010 , 79, 1-35	29.1	39
30	The discovery of zinc fingers and their applications in gene regulation and genome manipulation. <i>Annual Review of Biochemistry</i> , 2010 , 79, 213-31	29.1	492
29	The discovery of zinc fingers and their development for practical applications in gene regulation and genome manipulation. <i>Quarterly Reviews of Biophysics</i> , 2010 , 43, 1-21	7	168
28	Targeted gene knockout in mammalian cells by using engineered zinc-finger nucleases. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 5809-14	11.5	305
27	Vom Makromolekül zum biologischen Molekülverband (Nobel-Vortrag). <i>Angewandte Chemie</i> , 2006 , 95, 579-596	3.6	66
26	Francis Crick (8 June 1916–28 July 2004): a memoir. <i>FEBS Letters</i> , 2005 , 579, 852-4	3.8	0
25	The discovery of zinc fingers and their development for practical applications in gene regulation. <i>Proceedings of the Japan Academy Series B: Physical and Biological Sciences</i> , 2005 , 81, 87-102	4	12
24	The Discovery of Zinc Fingers and Their Practical Applications in Gene Regulation: A Personal Account 2005 , 1-6		1
23	Francis Crick (8th June 1916 - 28th July 2004). <i>Nature Cell Biology</i> , 2004 , 6, 799-800	23.4	2
22	The discovery of the DNA double helix. <i>Journal of Molecular Biology</i> , 2004 , 335, 3-26	6.5	54
21	Inhibition of herpes simplex virus 1 gene expression by designer zinc-finger transcription factors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 1621-6	11.5	65
20	Repression of the HIV-1 5' LTR promoter and inhibition of HIV-1 replication by using engineered zinc-finger transcription factors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 1615-20	11.5	116
19	Chris Calladine and Biological Structures: A Personal Account. <i>Solid Mechanics and Its Applications</i> , 2002 , 413-419	0.4	1
18	A rapid, generally applicable method to engineer zinc fingers illustrated by targeting the HIV-1 promoter. <i>Nature Biotechnology</i> , 2001 , 19, 656-60	44.5	165
17	Zinc finger peptides for the regulation of gene expression. <i>Journal of Molecular Biology</i> , 1999 , 293, 215-8	6.5	151
16	Comprehensive DNA recognition through concerted interactions from adjacent zinc fingers. <i>Biochemistry</i> , 1998 , 37, 12026-33	3.2	118

15	Ribozymes: structure and mechanism in RNA catalysis. <i>Trends in Biochemical Sciences</i> , 1996 , 21, 220-224	10.3	74
14	Designing DNA-binding proteins on the surface of filamentous phage. <i>Current Opinion in Biotechnology</i> , 1995 , 6, 431-6	11.4	69
13	Zinc fingers. <i>FASEB Journal</i> , 1995 , 9, 597-604	0.9	504
12	Rapid crystallization of chemically synthesized hammerhead RNAs using a double screening procedure. <i>Journal of Molecular Biology</i> , 1995 , 250, 327-32	6.5	107
11	Gene regulatory proteins and their interaction with DNA. <i>Annals of the New York Academy of Sciences</i> , 1995 , 758, 143-60	6.5	16
10	The crystal structure of an all-RNA hammerhead ribozyme: a proposed mechanism for RNA catalytic cleavage. <i>Cell</i> , 1995 , 81, 991-1002	56.2	699
9	In vivo repression by a site-specific DNA-binding protein designed against an oncogenic sequence. <i>Nature</i> , 1994 , 372, 642-5	50.4	266
8	Co-chairman's remarks: protein designs for the specific recognition of DNA. <i>Gene</i> , 1993 , 135, 83-92	3.8	21
7	Adjacent zinc-finger motifs in multiple zinc-finger peptides from SW15 form structurally independent, flexibly linked domains. <i>Journal of Molecular Biology</i> , 1992 , 228, 619-36	6.5	51
6	Solution structures of two zinc-finger domains from SW15 obtained using two-dimensional ¹ H nuclear magnetic resonance spectroscopy. A zinc-finger structure with a third strand of beta-sheet. <i>Journal of Molecular Biology</i> , 1992 , 228, 637-51	6.5	78
5	Sequence-specific [¹ H]NMR resonance assignments and secondary structure identification for 1- and 2-zinc finger constructs from SW15. A hydrophobic core involving four invariant residues. <i>FEBS Letters</i> , 1990 , 262, 179-84	3.8	45
4	Zinc fingers—a novel protein motif for nucleic acid recognition. <i>Trends in Biochemical Sciences</i> , 1987 , 12, 464-469	10.3	605
3	The structure of an oligo(dA).oligo(dT) tract and its biological implications. <i>Nature</i> , 1987 , 330, 221-6	50.4	971
2	From Macromolecules to Biological Assemblies (Nobel Lecture). <i>Angewandte Chemie International Edition in English</i> , 1983 , 22, 565-582		308
1	From macromolecules to biological assemblies. Nobel Lecture, 8 December 1982. <i>Bioscience Reports</i> , 1983 , 3, 395-430	4.1	27