

# Mensur Dlakic

## List of Publications by Year in descending order

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Version: 2024-02-01

52  
papers

3,220  
citations

136885

32  
h-index

182361

51  
g-index

53  
all docs

53  
docs citations

53  
times ranked

3331  
citing authors

#	ARTICLE	IF	CITATIONS
1	Kinked DNA. <i>Nature</i> , 1997, 386, 563-563.	13.7	172
2	Ssf1p Prevents Premature Processing of an Early Pre-60S Ribosomal Particle. <i>Molecular Cell</i> , 2002, 9, 341-351.	4.5	167
3	Functionally unrelated signalling proteins contain a fold similar to Mg <sup>2+</sup> -dependent endonucleases. <i>Trends in Biochemical Sciences</i> , 2000, 25, 272-273.	3.7	155
4	The widespread IS200/IS605 transposon family encodes diverse programmable RNA-guided endonucleases. <i>Science</i> , 2021, 374, 57-65.	6.0	152
5	Automated Identification of Putative Methyltransferases from Genomic Open Reading Frames. <i>Molecular and Cellular Proteomics</i> , 2003, 2, 525-540.	2.5	148
6	Nob1p Is Required for Cleavage of the 3' End of 18S rRNA. <i>Molecular and Cellular Biology</i> , 2003, 23, 1798-1807.	1.1	144
7	Coupling of Double-Stranded RNA Synthesis and siRNA Generation in Fission Yeast RNAi. <i>Molecular Cell</i> , 2007, 27, 449-461.	4.5	134
8	Physiological Concentration of Magnesium Ions Induces a Strong Macroscopic Curvature in GGGCC-containing DNA. <i>Journal of Molecular Biology</i> , 1994, 236, 26-32.	2.0	126
9	Identification and cDNA Cloning of a Novel RNA-binding Protein That Interacts with the Cyclic Nucleotide-responsive Sequence in the Type-1 Plasminogen Activator Inhibitor mRNA. <i>Journal of Biological Chemistry</i> , 2001, 276, 3341-3347.	1.6	114
10	PIN domain of Nob1p is required for D-site cleavage in 20S pre-rRNA. <i>Rna</i> , 2004, 10, 1698-1701.	1.6	110
11	A pre-ribosome-associated HEAT-repeat protein is required for export of both ribosomal subunits. <i>Genes and Development</i> , 2004, 18, 196-209.	2.7	105
12	Strained DNA is kinked by low concentrations of Zn <sup>2+</sup> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 10565-10570.	3.3	94
13	A Novel Mode of Action for a Microbial-Derived Immunotoxin: The Cytolethal Distending Toxin Subunit B Exhibits Phosphatidylinositol 3,4,5-Triphosphate Phosphatase Activity. <i>Journal of Immunology</i> , 2007, 178, 5099-5108.	0.4	94
14	Co-occurring genomic capacity for anaerobic methane and dissimilatory sulfur metabolisms discovered in the Korarchaeota. <i>Nature Microbiology</i> , 2019, 4, 614-622.	5.9	91
15	Characterization of the Archaeal Thermophile <i>Sulfolobus</i> Turreted Icosahedral Virus Validates an Evolutionary Link among Double-Stranded DNA Viruses from All Domains of Life. <i>Journal of Virology</i> , 2006, 80, 7625-7635.	1.5	86
16	Evidence for opposite groove-directed curvature of GGGCC and AAAAA sequence elements. <i>Nucleic Acids Research</i> , 1993, 21, 1025-1029.	6.5	79
17	Prp8, the pivotal protein of the spliceosomal catalytic center, evolved from a retroelement-encoded reverse transcriptase. <i>Rna</i> , 2011, 17, 799-808.	1.6	78
18	Bending and Torsional Flexibility of G/C-rich Sequences as Determined by Cyclization Assays. <i>Journal of Biological Chemistry</i> , 1995, 270, 29945-29952.	1.6	65

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19	Naf1 p is a box H/ACA snoRNP assembly factor. <i>Rna</i> , 2002, 8, 1502-14.	1.6	65
20	The Cytolethal Distending Toxin Contributes to Microbial Virulence and Disease Pathogenesis by Acting As a Tri-Perditious Toxin. <i>Frontiers in Cellular and Infection Microbiology</i> , 2016, 6, 168.	1.8	63
21	Naf1p is a box H/ACA snoRNP assembly factor. <i>Rna</i> , 2002, 8, 1502-1514.	1.6	61
22	DUF283 domain of Dicer proteins has a double-stranded RNA-binding fold. <i>Bioinformatics</i> , 2006, 22, 2711-2714.	1.8	59
23	Terminal Oxidase Diversity and Function in <i>Metallosphaera yellowstonensis</i> Gene Expression and Protein Modeling Suggest Mechanisms of Fe(II) Oxidation in the <i>Sulfolobales</i> . <i>Applied and Environmental Microbiology</i> , 2011, 77, 1844-1853.	1.4	59
24	The effects of sequence context on DNA curvature.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 3847-3852.	3.3	53
25	Marsarchaeota are an aerobic archaeal lineage abundant in geothermal iron oxide microbial mats. <i>Nature Microbiology</i> , 2018, 3, 732-740.	5.9	53
26	The Organic Crystallizing Agent 2-Methyl-2,4-pentanediol Reduces DNA Curvature by Means of Structural Changes in A-tracts. <i>Journal of Biological Chemistry</i> , 1996, 271, 17911-17919.	1.6	51
27	Functional Characterization of XendoII, the Endoribonuclease Involved in Small Nucleolar RNA Biosynthesis*. <i>Journal of Biological Chemistry</i> , 2005, 280, 18996-19002.	1.6	48
28	Blockade of the PI-3K signalling pathway by the <i>Aggregatibacter actinomycetemcomitans</i> cytolethal distending toxin induces macrophages to synthesize and secrete pro-inflammatory cytokines. <i>Cellular Microbiology</i> , 2014, 16, 1391-1404.	1.1	47
29	DNA sequence-dependent folding determines the divergence in binding specificities between Maf and other bZIP proteins. <i>EMBO Journal</i> , 2001, 20, 828-840.	3.5	44
30	Roles of the HEAT repeat proteins Utp10 and Utp20 in 40S ribosome maturation. <i>Rna</i> , 2007, 13, 1516-1527.	1.6	43
31	What is The Basis of Sequence-Directed Curvature in DNAs Containing A Tracts?. <i>Journal of Biomolecular Structure and Dynamics</i> , 1995, 13, 301-307.	2.0	40
32	Characterization of a Single b-type Heme, FAD, and Metal Binding Sites in the Transmembrane Domain of Six-transmembrane Epithelial Antigen of the Prostate (STEAP) Family Proteins. <i>Journal of Biological Chemistry</i> , 2015, 290, 22558-22569.	1.6	38
33	Is CdtB a Nuclease or a Phosphatase?. <i>Science</i> , 2001, 291, 547a-547.	6.0	34
34	The toxicity of the <i>Aggregatibacter actinomycetemcomitans</i> cytolethal distending toxin correlates with its phosphatidylinositol-3,4,5-triphosphate phosphatase activity. <i>Cellular Microbiology</i> , 2016, 18, 223-243.	1.1	34
35	DIAMOD: display and modeling of DNA bending. <i>Bioinformatics</i> , 1998, 14, 326-331.	1.8	32
36	Chromatin silencing protein and pachytene checkpoint regulator Dot1p has a methyltransferase fold. <i>Trends in Biochemical Sciences</i> , 2001, 26, 405-407.	3.7	32

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37	A Journey of Cytolethal Distending Toxins through Cell Membranes. <i>Frontiers in Cellular and Infection Microbiology</i> , 2016, 6, 81.	1.8	32
38	Epimerase Active Domain of <i>Pseudomonas aeruginosa</i> AlgG, a Protein That Contains a Right-Handed $\beta^2$ -Helix. <i>Journal of Bacteriology</i> , 2005, 187, 4573-4583.	1.0	30
39	A new family of putative insulin receptor-like proteins in <i>C. elegans</i> . <i>Current Biology</i> , 2002, 12, R155-R157.	1.8	28
40	Structural Studies of E73 from a Hyperthermophilic Archaeal Virus Identify the $\alpha$ RH3 Domain, an Elaborated Ribbon-Helix Motif Involved in DNA Recognition. <i>Biochemistry</i> , 2012, 51, 2899-2910.	1.2	22
41	The <i>Aggregatibacter actinomycetemcomitans</i> Cytolethal Distending Toxin Active Subunit CdtB Contains a Cholesterol Recognition Sequence Required for Toxin Binding and Subunit Internalization. <i>Infection and Immunity</i> , 2015, 83, 4042-4055.	1.0	20
42	Unconventional helical phasing of repetitive DNA motifs reveals their relative bending contributions. <i>Nucleic Acids Research</i> , 1998, 26, 4274-4279.	6.5	18
43	The Noc proteins involved in ribosome synthesis and export contain divergent HEAT repeats. <i>Rna</i> , 2004, 10, 351-354.	1.6	15
44	A model of the replication fork blocking protein Fob1p based on the catalytic core domain of retroviral integrases. <i>Protein Science</i> , 2002, 11, 1274-1277.	3.1	14
45	The ribosomal subunit assembly line. <i>Genome Biology</i> , 2005, 6, 234.	13.9	13
46	3D models of yeast RNase P/MRP proteins Rpp1p and Pop3p. <i>Rna</i> , 2005, 11, 123-127.	1.6	12
47	Odorant receptors of a primitive hymenopteran pest, the wheat stem sawfly. <i>Insect Molecular Biology</i> , 2013, 22, 659-667.	1.0	12
48	An ancient evolutionary connection between Ribonuclease A and EndoU families. <i>Rna</i> , 2020, 26, 803-813.	1.6	11
49	HHsvm: fast and accurate classification of profile-profile matches identified by HHsearch. <i>Bioinformatics</i> , 2009, 25, 3071-3076.	1.8	9
50	Sulfur cycling and host-virus interactions in <i>Aquificales</i> -dominated biofilms from Yellowstone's hottest ecosystems. <i>ISME Journal</i> , 2022, 16, 842-855.	4.4	8
51	DNA Bendability and Nucleosome Positioning in Transcriptional Regulation. , 2005, , 189-202.		3
52	Evidence for opposite groove-directed curvature of GGGCCC and AAAAA sequence elements. <i>Nucleic Acids Research</i> , 1993, 21, 1332-1332.	6.5	2