

# Aleksandar Vojta

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

1,606  
citations

471509

17  
h-index

501196

28  
g-index

31  
all docs

31  
docs citations

31  
times ranked

2680  
citing authors

#	ARTICLE	IF	CITATIONS
1	Repurposing the CRISPR-Cas9 system for targeted DNA methylation. <i>Nucleic Acids Research</i> , 2016, 44, 5615-5628.	14.5	612
2	Preprotein recognition by the Toc complex. <i>EMBO Journal</i> , 2004, 23, 520-530.	7.8	120
3	Glycosylation of Immunoglobulin G Associates With Clinical Features of Inflammatory Bowel Diseases. <i>Gastroenterology</i> , 2018, 154, 1320-1333.e10.	1.3	116
4	IgG Glycome in Colorectal Cancer. <i>Clinical Cancer Research</i> , 2016, 22, 3078-3086.	7.0	111
5	Functional and Phylogenetic Properties of the Pore-forming $\beta$ -Barrel Transporters of the Omp85 Family. <i>Journal of Biological Chemistry</i> , 2007, 282, 1882-1890.	3.4	74
6	The Protein Translocon of the Plastid Envelopes. <i>Journal of Biological Chemistry</i> , 2004, 279, 21401-21405.	3.4	70
7	Epigenetic regulation of glycosylation is the quantum mechanics of biology. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014, 1840, 65-70.	2.4	60
8	Intracellular localization of VDAC proteins in plants. <i>Planta</i> , 2004, 220, 30-37.	3.2	51
9	Glyco-genes change expression in cancer through aberrant methylation. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2016, 1860, 1776-1785.	2.4	48
10	CRISPR/Cas9-based epigenome editing: An overview of dCas9-based tools with special emphasis on off-target activity. <i>Methods</i> , 2019, 164-165, 109-119.	3.8	42
11	Antagonistic and synergistic epigenetic modulation using orthologous CRISPR/dCas9-based modular system. <i>Nucleic Acids Research</i> , 2019, 47, 9637-9657.	14.5	38
12	Promoter methylation of the MGAT3 and BACH2 genes correlates with the composition of the immunoglobulin G glycome in inflammatory bowel disease. <i>Clinical Epigenetics</i> , 2018, 10, 75.	4.1	32
13	Epigenetic Differentiation of Natural Populations of <i>Lilium bosniacum</i> Associated with Contrasting Habitat Conditions. <i>Genome Biology and Evolution</i> , 2018, 10, 291-303.	2.5	30
14	DNA hypomethylation upregulates expression of the MGAT3 gene in HepG2 cells and leads to changes in N-glycosylation of secreted glycoproteins. <i>Scientific Reports</i> , 2016, 6, 24363.	3.3	26
15	Phospho-mimicry mutant of atToc33 affects early development of <i>Arabidopsis thaliana</i> . <i>FEBS Letters</i> , 2007, 581, 5945-5951.	2.8	25
16	Reference intervals for organically raised sheep: Effects of breed, location and season on hematological and biochemical parameters. <i>Small Ruminant Research</i> , 2013, 112, 1-6.	1.2	22
17	Effects of Estradiol on Immunoglobulin G Glycosylation: Mapping of the Downstream Signaling Mechanism. <i>Frontiers in Immunology</i> , 2021, 12, 680227.	4.8	22
18	Genetic background of Huntington disease in Croatia: Molecular analysis of CAG, CCG, and ?2642 (E2642del) polymorphisms. <i>Human Mutation</i> , 2002, 20, 233-233.	2.5	20

#	ARTICLE	IF	CITATIONS
19	Active fusions of Cas9 orthologs. <i>Journal of Biotechnology</i> , 2019, 301, 18-23.	3.8	12
20	Establishing reference intervals for haematological and biochemical blood variables in Lika pramenka sheep. <i>Veterinarski Arhiv</i> , 2017, 87, 487-499.	0.3	11
21	Association Between RASSF1A Promoter Methylation and Testicular Germ Cell Tumor: A Meta-analysis and a Cohort Study. <i>Cancer Genomics and Proteomics</i> , 2017, 14, 363-372.	2.0	11
22	Determination of liposome size: A tool for protein reconstitution. <i>Analytical Biochemistry</i> , 2005, 347, 24-33.	2.4	10
23	Detection and characterisation of hepatitis E virus in naturally infected swine in Croatia. <i>Acta Veterinaria Hungarica</i> , 2013, 61, 517-528.	0.5	10
24	Adaptation or Malignant Transformation: The Two Faces of Epigenetically Mediated Response to Stress. <i>BioMed Research International</i> , 2013, 2013, 1-7.	1.9	8
25	Inhibition of DNA Methylation Alters Chromatin Organization, Nuclear Positioning and Activity of 45S rDNA Loci in Cycling Cells of <i>Q. robur</i> . <i>PLoS ONE</i> , 2014, 9, e103954.	2.5	8
26	A Transient Expression System with Stably Integrated CRISPR-dCas9 Fusions for Regulation of Genes Involved in Immunoglobulin G Glycosylation. <i>CRISPR Journal</i> , 2022, 5, 237-253.	2.9	8
27	Lentivirus- or AAV-mediated gene therapy interventions in ischemic stroke: A systematic review of preclinical <i>in vivo</i> studies. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2022, 42, 219-236.	4.3	5
28	Determination of Sublethal Mutation Causing Lavender Foal Syndrome in Arabian Horses From Croatia. <i>Journal of Equine Veterinary Science</i> , 2018, 61, 72-75.	0.9	4
29	Immunohistochemical Detection of Hepatitis E Virus in Naturally Affected Pigs. <i>Journal of Comparative Pathology</i> , 2010, 143, 355.	0.4	0
30	Genome Editing Tools for Functional Analysis of HNF1A and IL6ST Genes. <i>Croatica Chemica Acta</i> , 2016, 89, .	0.4	0