

# Alexander V Vlassov

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

4,482  
citations

279701

23  
h-index

454834

30  
g-index

32  
all docs

32  
docs citations

32  
times ranked

7911  
citing authors

#	ARTICLE	IF	CITATIONS
1	Exosomes: Current knowledge of their composition, biological functions, and diagnostic and therapeutic potentials. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2012, 1820, 940-948.	1.1	1,600
2	Isolation of Extracellular Vesicles: General Methodologies and Latest Trends. <i>BioMed Research International</i> , 2018, 2018, 1-27.	0.9	754
3	Analysis of the RNA content of the exosomes derived from blood serum and urine and its potential as biomarkers. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20130502.	1.8	302
4	Strategies for Isolation of Exosomes. <i>Cold Spring Harbor Protocols</i> , 2015, 2015, pdb.top074476.	0.2	276
5	Lipid-assisted Synthesis of RNA-like Polymers from Mononucleotides. <i>Origins of Life and Evolution of Biospheres</i> , 2008, 38, 57-74.	0.8	224
6	The Complete Exosome Workflow Solution: From Isolation to Characterization of RNA Cargo. <i>BioMed Research International</i> , 2013, 2013, 1-15.	0.9	142
7	Expression of B-Cell Surface Antigens in Subpopulations of Exosomes Released From B-Cell Lymphoma Cells. <i>Clinical Therapeutics</i> , 2014, 36, 847-862.e1.	1.1	128
8	Stability Study of Unmodified siRNA and Relevance to Clinical Use. <i>Oligonucleotides</i> , 2008, 18, 345-354.	2.7	104
9	Methods for the extraction and RNA profiling of exosomes. <i>World Journal of Methodology</i> , 2013, 3, 11.	1.1	79
10	Locked Nucleic Acid (LNA)-Modified Dinucleotide mRNA Cap Analogue: Synthesis, Enzymatic Incorporation, and Utilization. <i>Journal of the American Chemical Society</i> , 2009, 131, 6364-6365.	6.6	77
11	Ligation activity of fragmented ribozymes in frozen solution: implications for the RNA world. <i>Nucleic Acids Research</i> , 2004, 32, 2966-2974.	6.5	76
12	Efficient Gene Silencing in Lungs and Liver Using Imidazole-Modified Chitosan As a Nanocarrier for Small Interfering RNA. <i>Oligonucleotides</i> , 2010, 20, 163-172.	2.7	72
13	An optimized procedure for exosome isolation and analysis using serum samples: Application to cancer biomarker discovery. <i>Methods</i> , 2015, 87, 26-30.	1.9	71
14	Formulation Approaches to Short Interfering RNA and MicroRNA: Challenges and Implications. <i>Journal of Pharmaceutical Sciences</i> , 2012, 101, 4046-4066.	1.6	70
15	Secretory Immunoglobulin A from Healthy Human Mothers' Milk Catalyzes Nucleic Acid Hydrolysis. <i>Applied Biochemistry and Biotechnology</i> , 2000, 83, 115-130.	1.4	68
16	Multiple enzymic activities of human milk lactoferrin. <i>FEBS Journal</i> , 2003, 270, 3353-3361.	0.2	68
17	Catalytic DNA-and RNA-hydrolyzing antibodies from milk of healthy human mothers. <i>Applied Biochemistry and Biotechnology</i> , 1998, 75, 63-76.	1.4	59
18	The RNA World on Ice: A New Scenario for the Emergence of RNA Information. <i>Journal of Molecular Evolution</i> , 2005, 61, 264-273.	0.8	47

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19	Stem-Loop RT-PCR Quantification of siRNAs <i>In Vitro</i> and <i>In Vivo</i>. Oligonucleotides, 2009, 19, 203-208.	2.7	47
20	RNAi: a novel antisense technology and its therapeutic potential. Medical Science Monitor, 2006, 12, RA67-74.	0.5	45
21	RNA Interference from Multimeric shRNAs Generated by Rolling Circle Transcription. Oligonucleotides, 2006, 16, 353-363.	2.7	41
22	Synthesis and application of a new 2'3'-isopropylidene guanosine substituted cap analog. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 4828-4832.	1.0	39
23	Complete, gene-specific siRNA libraries: Production and expression in mammalian cells. Rna, 2005, 11, 837-846.	1.6	24
24	How was Membrane Permeability Produced in an RNA World?. Origins of Life and Evolution of Biospheres, 2005, 35, 135-149.	0.8	21
25	Enhanced cellular uptake and gene silencing activity of siRNA molecules mediated by chitosan-derivative nanocomplexes. International Journal of Pharmaceutics, 2014, 473, 579-590.	2.6	18
26	The Small RNA Repertoire of Small Extracellular Vesicles Isolated From Donor Kidney Preservation Fluid Provides a Source for Biomarker Discovery for Organ Quality and Posttransplantation Graft Function. Transplantation Direct, 2019, 5, e484.	0.8	9
27	Hairpin Ribozyme-Catalyzed Ligation in Water-Alcohol Solutions. Oligonucleotides, 2005, 15, 303-309.	2.7	7
28	Variability of Substrate Specificity of Serum Antibodies Obtained from Patients with Different Autoimmune and Viral Diseases in Reaction of tRNA Hydrolysis. Russian Journal of Immunology: RJI: Official Journal of Russian Society of Immunology, 1999, 4, 25-32.	0.2	7
29	ROLL: A Method of Preparation of Gene-Specific Oligonucleotide Libraries. Oligonucleotides, 2004, 14, 210-220.	2.7	4
30	Assay of Random RNA Oligomerisation in Buffers with High Concentrations of Divalent Metal Ions. Nucleosides, Nucleotides and Nucleic Acids, 2004, 23, 999-1001.	0.4	3