

Alexander V Vlassov

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

4,482
citations

279701

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454834

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docs citations

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times ranked

7911
citing authors

#	ARTICLE	IF	CITATIONS
1	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. <i>Transplantation Direct</i> , 2019, 5, e484.	0.8	9
2	Isolation of Extracellular Vesicles: General Methodologies and Latest Trends. <i>BioMed Research International</i> , 2018, 2018, 1-27.	0.9	754
3	Strategies for Isolation of Exosomes. <i>Cold Spring Harbor Protocols</i> , 2015, 2015, pdb.top074476.	0.2	276
4	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
5	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
6	Enhanced cellular uptake and gene silencing activity of siRNA molecules mediated by chitosan-derivative nanocomplexes. <i>International Journal of Pharmaceutics</i> , 2014, 473, 579-590.	2.6	18
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	The Complete Exosome Workflow Solution: From Isolation to Characterization of RNA Cargo. <i>BioMed Research International</i> , 2013, 2013, 1-15.	0.9	142
9	Methods for the extraction and RNA profiling of exosomes. <i>World Journal of Methodology</i> , 2013, 3, 11.	1.1	79
10	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
11	Formulation Approaches to Short Interfering RNA and MicroRNA: Challenges and Implications. <i>Journal of Pharmaceutical Sciences</i> , 2012, 101, 4046-4066.	1.6	70
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	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
14	Stem-Loop RT-PCR Quantification of siRNAs <i>in Vitro</i> and <i>In Vivo</i> . <i>Oligonucleotides</i> , 2009, 19, 203-208.	2.7	47
15	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
16	Synthesis and application of a new 2'-isopropylidene guanosine substituted cap analog. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 4828-4832.	1.0	39
17	Stability Study of Unmodified siRNA and Relevance to Clinical Use. <i>Oligonucleotides</i> , 2008, 18, 345-354.	2.7	104
18	RNA Interference from Multimeric shRNAs Generated by Rolling Circle Transcription. <i>Oligonucleotides</i> , 2006, 16, 353-363.	2.7	41

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19	RNAi: a novel antisense technology and its therapeutic potential. <i>Medical Science Monitor</i> , 2006, 12, RA67-74.	0.5	45
20	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
21	How was Membrane Permeability Produced in an RNA World?. <i>Origins of Life and Evolution of Biospheres</i> , 2005, 35, 135-149.	0.8	21
22	Complete, gene-specific siRNA libraries: Production and expression in mammalian cells. <i>Rna</i> , 2005, 11, 837-846.	1.6	24
23	Hairpin Ribozyme-Catalyzed Ligation in Water-Alcohol Solutions. <i>Oligonucleotides</i> , 2005, 15, 303-309.	2.7	7
24	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
25	ROLL: A Method of Preparation of Gene-Specific Oligonucleotide Libraries. <i>Oligonucleotides</i> , 2004, 14, 210-220.	2.7	4
26	Assay of Random RNA Oligomerisation in Buffers with High Concentrations of Divalent Metal Ions. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2004, 23, 999-1001.	0.4	3
27	Multiple enzymic activities of human milk lactoferrin. <i>FEBS Journal</i> , 2003, 270, 3353-3361.	0.2	68
28	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
29	Variability of Substrate Specificity of Serum Antibodies Obtained from Patients with Different Autoimmune and Viral Diseases in Reaction of tRNA Hydrolysis. <i>Russian Journal of Immunology: RJI: Official Journal of Russian Society of Immunology</i> , 1999, 4, 25-32.	0.2	7
30	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