

# Elena L Chernolovskaya

## List of Publications by Year in descending order

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23  
papers

644  
citations

759233

12  
h-index

642732

23  
g-index

23  
all docs

23  
docs citations

23  
times ranked

764  
citing authors

#	ARTICLE	IF	CITATIONS
1	Current Development of siRNA Bioconjugates: From Research to the Clinic. <i>Frontiers in Pharmacology</i> , 2019, 10, 444.	3.5	147
2	Selective Protection of Nuclease-Sensitive Sites in siRNA Prolongs Silencing Effect. <i>Oligonucleotides</i> , 2009, 19, 191-202.	2.7	89
3	Carrier-free cellular uptake and the gene-silencing activity of the lipophilic siRNAs is strongly affected by the length of the linker between siRNA and lipophilic group. <i>Nucleic Acids Research</i> , 2012, 40, 2330-2344.	14.5	77
4	Cholesterol-Containing Nuclease-Resistant siRNA Accumulates in Tumors in a Carrier-free Mode and Silences MDR1 Gene. <i>Molecular Therapy - Nucleic Acids</i> , 2017, 6, 209-220.	5.1	64
5	Targeted delivery of nucleic acids into xenograft tumors mediated by novel folate-equipped liposomes. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018, 123, 59-70.	4.3	32
6	Short Double-Stranded RNA with Immunostimulatory Activity: Sequence Dependence. <i>Nucleic Acid Therapeutics</i> , 2012, 22, 196-204.	3.6	29
7	A novel expression cassette delivers efficient production of exclusively tetrameric human butyrylcholinesterase with improved pharmacokinetics for protection against organophosphate poisoning. <i>Biochimie</i> , 2015, 118, 51-59.	2.6	25
8	Immunotherapy of hepatocellular carcinoma with small double-stranded RNA. <i>BMC Cancer</i> , 2014, 14, 338.	2.6	22
9	Antitumor and Antimetastatic Effect of Small Immunostimulatory RNA against B16 Melanoma in Mice. <i>PLoS ONE</i> , 2016, 11, e0150751.	2.5	22
10	Autocrine-based selection of ligands for personalized CAR-T therapy of lymphoma. <i>Science Advances</i> , 2018, 4, eaau4580.	10.3	19
11	Silencing activity of 2'-O-methyl modified anti-MDR1 siRNAs with mismatches in the central part of the duplexes. <i>FEBS Letters</i> , 2011, 585, 2352-2356.	2.8	14
12	Activation of Innate Immunity by Therapeutic Nucleic Acids. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13360.	4.1	13
13	Novel PEGylated Liposomes Enhance Immunostimulating Activity of siRNA. <i>Molecules</i> , 2018, 23, 3101.	3.8	12
14	Transport Oligonucleotides – A Novel System for Intracellular Delivery of Antisense Therapeutics. <i>Molecules</i> , 2020, 25, 3663.	3.8	12
15	42- and 63-bp anti-MDR1 siRNAs bearing 2'-OMe modifications in nuclease-sensitive sites induce specific and potent gene silencing. <i>FEBS Letters</i> , 2014, 588, 1037-1043.	2.8	11
16	Folate-Equipped Cationic Liposomes Deliver Anti-MDR1-siRNA to the Tumor and Increase the Efficiency of Chemotherapy. <i>Pharmaceutics</i> , 2021, 13, 1252.	4.5	11
17	Fluorophore Labeling Affects the Cellular Accumulation and Gene Silencing Activity of Cholesterol-Modified siRNAs <i>In Vitro</i> . <i>Nucleic Acid Therapeutics</i> , 2019, 29, 33-43.	3.6	10
18	Arrest of Cancer Cell Proliferation by dsRNAs. <i>Annals of the New York Academy of Sciences</i> , 2006, 1091, 425-436.	3.8	8

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19	Nuclease-resistant 63â€bp trimeric siRNA simultaneously silence three different genes in tumor cells. FEBS Letters, 2018, 592, 122-129.	2.8	7
20	Inhibition of Human Cancer-Cell Proliferation by Long Double-Stranded RNAs. Oligonucleotides, 2009, 19, 31-40.	2.7	6
21	Trimeric Small Interfering RNAs and Their Cholesterol-Containing Conjugates Exhibit Improved Accumulation in Tumors, but Dramatically Reduced Silencing Activity. Molecules, 2020, 25, 1877.	3.8	6
22	Immunostimulating RNA Delivered by P1500 PEGylated Cationic Liposomes Limits Influenza Infection in C57Bl/6 Mice. Pharmaceutics, 2020, 12, 875.	4.5	5
23	Molecular Mechanism of the Antiproliferative Activity of Short Immunostimulating dsRNA. Frontiers in Oncology, 2019, 9, 1454.	2.8	3