Andrey G Pokrovsky

List of Publications by Year
in descending order

66	887	516710 16	580821 25
papers	citations	h-index	g-index

71	71	71	1068
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Synthesis and In Vitro Study of Antiviral Activity of Glycyrrhizin Nicotinate Derivatives against HIV-1 Pseudoviruses and SARS-CoV-2 Viruses. Molecules, 2022, 27, 295.	3.8	8
2	Correlation of Metabolic Profiles of Plasma and Cerebrospinal Fluid of High-Grade Glioma Patients. Metabolites, 2021, 11, 133.	2.9	13
3	Design, Synthesis, and Molecular Docking Study of New Tyrosyl-DNA Phosphodiesterase 1 (TDP1) Inhibitors Combining Resin Acids and Adamantane Moieties. Pharmaceuticals, 2021, 14, 422.	3.8	10
4	Stability study of the antiviral agent camphecene in dried blood spots at different temperatures. Drug Testing and Analysis, 2021, 13, 1797-1802.	2.6	3
5	Development and validation of an LC-MS/MS method for the quantitative analysis of the anti-influenza agent camphecene in rat plasma and its application to study the blood-to-plasma distribution of the agent. Journal of Pharmaceutical and Biomedical Analysis, 2020, 180, 113039.	2.8	5
6	Targeted metabolomics approach for identification of relapsingâ€“remitting multiple sclerosis markers and evaluation of diagnostic models. MedChemComm, 2019, 10, 1803-1809.	3.4	18
7	Alkyl triphenylphosphonium surfactants as nucleic acid carriers: complexation efficacy toward DNA decamers, interaction with lipid bilayers and cytotoxicity studies. Physical Chemistry Chemical Physics, 2019, 21, 16706-16717.	2.8	32
8	Comparison of dried matrix spots and fabric phase sorptive extraction methods for quantification of highly potent analgesic activity agent (2R,4aR,7R,8aR)-4,7-dimethyl-2-(thiophen-2-yl)octahydro-2H-chromen-4-ol in rat whole blood and plasma using LCâ€“MS/MS. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2019, 1132, 121813.	2.3	3
9	Untargeted search and identification of metabolites of antiviral agent camphecene in rat urine by liquid chromatography and mass spectrometry and studying their distribution in organs following peroral administration of the compound. Journal of Pharmaceutical and Biomedical Analysis, 2018, 161, 383-392.	2.8	8
10	Phenolic compounds from Glycyrrhiza pallidiflora Maxim. and their cytotoxic activity. Natural Product Research, 2017, 31, 445-452.	1.8	23
11	Light-Stimulated Generation of Free Radicals by Quinones-Chelators. Zeitschrift Fur Physikalische Chemie, 2017, 231, 369-389.	2.8	8
12	Antioxidant and antitumor activity of trolox, trolox succinate, and Î±-tocopheryl succinate conjugates with nitroxides. European Journal of Medicinal Chemistry, 2016, 122, 127-137.	5.5	22
13	Development and validation of ultrafast LCâ€“MS/MS method for quantification of anti-influenza agent camphecene in whole rat blood using dried blood spots and its application to pharmacokinetic studies. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1036-1037, 136-141.	2.3	11
14	Furanolabdanoidâ€“based 1,2,4â€oxadiazoles: Synthesis and cytotoxic activity. ChemistrySelect, 2016, 1, 417-424.	1.5	11
15	Structural, biocomplexation and gene delivery properties of hydroxyethylated gemini surfactants with varied spacer length. Colloids and Surfaces B: Biointerfaces, 2016, 140, 269-277.	5.0	30
16	Compounds Combining Aminoadamantane and Monoterpene Moieties: Cytotoxicity and Mutagenic Effects. Medicinal Chemistry, 2015, 11, 629-635.	1.5	11
17	Synthesis and Cytotoxicity of Pinostrobin Hydrazone Derivatives. Chemistry of Natural Compounds, 2015, 51, 464-471.	0.8	3
18	Lipoplexes of dicationic gemini surfactants with DNA: Structural features of DNA compaction and transfection efficiency. Doklady Biochemistry and Biophysics, 2015, 465, 432-435.	0.9	4

#	Article	IF	Citations
19	Synthesis and Cytotoxic Activity of Aza-Michael Reaction Products from Ethyl Sorbate and Heterocyclic Amines. Chemistry of Natural Compounds, 2015, 51, 296-301.	0.8	3
20	Synthesis of 1H-1,2,3-triazole linked aryl(arylamidomethyl) â€“ dihydrofurocoumarin hybrids and analysis of their cytotoxicity. European Journal of Medicinal Chemistry, 2015, 100, 119-128.	5.5	27
21	The short way to chiral compounds with hexahydrofluoreno[9,1-bc]furan framework: Synthesis and cytotoxic activity. Bioorganic and Medicinal Chemistry, 2015, 23, 1472-1480.	3.0	12
22	Discovery of a new class of antiviral compounds: Camphor imine derivatives. European Journal of Medicinal Chemistry, 2015, 105, 263-273.	5.5	75
23	Synthesis and Biological Activity of Usnic Acid Enamine Derivatives. Chemistry of Natural Compounds, 2015, 51, 646-651.	0.8	16
24	Novel dicationic pyrimidinic surfactant: Self-assembly and DNA complexation. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2015, 480, 113-121.	4.7	26
25	Synthesis and Cytotoxic Activity of a New Group of Heterocyclic Analogues of the Combretastatins. Molecules, 2014, 19, 7881-7900.	3.8	10
26	Synthesis and Cytotoxic Activity of Lupane Triterpenoids Containing 1,3,4-Oxadiazoles. Chemistry of Natural Compounds, 2014, 50, 1016.	0.8	7
27	A vesicular stomatitis pseudovirus expressing the surface glycoproteins of influenza A virus. Archives of Virology, 2014, 159, 2651-2658.	2.1	11
28	New quaternary ammonium camphor derivatives and their antiviral activity, genotoxic effects and cytotoxicity. Bioorganic and Medicinal Chemistry, 2013, 21, 6690-6698.	3.0	46
29	Furocoumarins from Peucedanum baicalense of mongolia flora and their cytotoxic activity. Chemistry of Natural Compounds, 2013, 49, 99-102.	0.8	4
30	Synthetic transformation of higher terpenoids 31. Synthesis of 1,2,3-triazolyl-containing furan labdanoids and studies of their cytotoxic activity. Russian Chemical Bulletin, 2013, 62, 2046-2055.	1.5	9
31	Cationic gemini surfactants as new agents for plasmid DNA delivery into cells. Doklady Biochemistry and Biophysics, 2012, 445, 197-199.	0.9	12
32	Synthetic transformations of sesquiterpene lactones. IV.* Synthesis and transformations of gem-dichlorocyclopropyl-substituted isoalantolactone derivatives. Chemistry of Natural Compounds, 2012, 48, 238-244.	0.8	8
33	Synthetic transformations of sesquiterpene lactones. V.* Synthesis and cytotoxicity of 13-aryl-substituted tourneforin derivatives. Chemistry of Natural Compounds, 2012, 48, 245-249.	0.8	3
34	Plant coumarins. IX.* Phenolic compounds of Ferulopsis hystrix growing in Mongolia. Cytotoxic activity of 8,9-dihydrofurocoumarins. Chemistry of Natural Compounds, 2012, 48, 211-217.	0.8	9
35	A pseudovirus system for the testing of antiviral activity of compounds in different cell lines. Doklady Biochemistry and Biophysics, 2010, 435, 295-298.	0.9	6
36	Synthesis and antiviral activity of 18Î±-glycyrrhizic acid and its esters. Pharmaceutical Chemistry Journal, 2010, 44, 299-302.	0.8	14

#	Article	IF	Citations
37	Polyalkoxybenzenes from plant raw materials 4. Parsley and dill seed extracts in the synthesis of polyalkoxy-3,5-diaryl-1,2,4-oxadiazoles with antiproliferative activity. Russian Chemical Bulletin, 2010, 59, 2268-2275.	1.5	8
38	Synthesis of new hetero- and carbocyclic aromatic amides of glycyrrhizic acid as potential anti-HIV agents. Pharmaceutical Chemistry Journal, 2009, 43, 383.	0.8	6
39	Prospects for the creation of new antiviral drugs based on glycyrrhizic acid and its derivatives (a) Tj ETQq1 1 0.784314 rgBT /Overlock	0.8	66
40	Efficiency of the RNA interference induced by the genetic constructs expressing siRNAs depends on promoter strength. Molecular Biology, 2009, 43, 344-347.	1.3	0
41	Synthesis and anti-HIV activity of triterpene conjugates of Î±-d-glucosamine. Pharmaceutical Chemistry Journal, 2008, 42, 64.	0.8	7
42	Effect of nitrogen-containing derivatives of the plant triterpenes betulin and glycyrrhetic acid on the growth of MT-4, MOLT-4, CEM, and Hep G2 tumor cells. Russian Journal of Bioorganic Chemistry, 2007, 33, 579-583.	1.0	18
43	Silencing of HIV-1 genes using siRNA-expressing genetic constructs. Molecular Biology, 2006, 40, 702-704.	1.3	3
44	New derivatives of alkyl-and aminocarbonylphosphonic acids containing 3â€²-azido-3â€²-deoxythymidine. Russian Journal of Bioorganic Chemistry, 2006, 32, 542-546.	1.0	6
45	Activation of apoptosis by derivatives of betulinic acid in human tumor cells in vitro. Doklady Biochemistry and Biophysics, 2006, 407, 94-97.	0.9	7
46	Fluorinated Derivatives of Benz[4,5]imidazo[1,2-b][1,3] thiazoleâ€”Inhibitors of Reproduction of Measles Virus. Doklady Biochemistry and Biophysics, 2004, 398, 285-287.	0.9	6
47	Uncharged AZT and D4T Derivatives of Phosphonoformic and Phosphonoacetic Acids as Anti-HIV Pronucleosides. Journal of Medicinal Chemistry, 2004, 47, 3606-3614.	6.4	27
48	Analysis of the Glycyrrhizic Acid-Binding Sites with Phage Display. Molecular Biology, 2003, 37, 733-738.	1.3	0
49	Characterization of recombinant integrase of human immunodeficiency virus type 1 (isolate Bru). Biochemistry (Moscow), 2003, 68, 988-993.	1.5	1
50	In Vitro Study of Resistance-Associated Genotypic Mutations to Nucleoside Analogs. Nucleosides, Nucleotides and Nucleic Acids, 2003, 22, 991-994.	1.1	1
51	Construction of artificial virus-like particles exposing HIV epitopes, and the study of their immunogenic properties. Vaccine, 2003, 21, 386-392.	3.8	12
52	New Lipophilic Derivatives of AZT and d4T 5â€²-Phosphonates. Nucleosides, Nucleotides and Nucleic Acids, 2003, 22, 981-985.	1.1	7
53	Phosphorodiamides as Prodrugs for Antiviral Nucleosides. Nucleosides, Nucleotides and Nucleic Acids, 2003, 22, 963-966.	1.1	6
54	Carbocyclic Dinucleoside Polyphosphonates:â€‰ Interaction with HIV Reverse Transcriptase and Antiviral Activity. Journal of Medicinal Chemistry, 2002, 45, 1284-1291.	6.4	23

#	Article	IF	Citations
55	New phosphonoformate and phosphonoacetate prodrugs of AZT and d4T. , 2002, , .		0
56	ANTI-HIV ACTIVITY OF NOVEL PHOSPHONATE DERIVATIVES OF AZT, d4T, AND ddA. Nucleosides, Nucleotides and Nucleic Acids, 2001, 20, 767-769.	1.1	22
57	Antisense activity of an anti-HIV oligonucleotide conjugated to linear and branched high molecular weight polyethylene glycols. Il Farmaco, 1998, 53, 634-637.	0.9	12
58	Design of immunogens as components of a new generation of molecular vaccines. Journal of Biotechnology, 1996, 44, 129-137.	3.8	17
59	Inhibition of HIV proliferation in MT-4 cells by antisense oligonucleotide conjugated to lipophilic groups. Biochimie, 1993, 75, 49-54.	2.6	25
60	Stimulatory effect of the CYPlAl inducer 2,3,7,8-tetrachlorodibenzo-pdioxin on the reproduction of HIV-1 in human lymphoid cell culture. Xenobiotica, 1993, 23, 457-467.	1.1	16
61	2,3,7,8-Tetrachlorodibenzo-p-dioxin as a possible activator of HIV infection. Biochemical and Biophysical Research Communications, 1991, 179, 46-51.	2.1	12
62	Anti-HIV Activity of the Antisense Oligonucleotides Bearing Lipophilic and Alkylating Groups at the 5â€²-Terminus. Nucleosides & Nucleotides, 1991, 10, 419-422.	0.5	9
63	Reconstruction of an enzymic system of lipid peroxidation with properties of an intact microsomal system. FEBS Letters, 1977, 74, 225-228.	2.8	4
64	The binding of NADPH-cytochrome c reductase to rat liver microsomes. Biochemical and Biophysical Research Communications, 1977, 77, 912-917.	2.1	12
65	The reconstruction of enzymic lipid peroxidation systems from microsomes of various origin. FEBS Letters, 1976, 62, 136-138.	2.8	5
66	The distinct enzymic lipid peroxidation systems from liver microsomes in the presence of ADP- or EDTA-iron complexes. FEBS Letters, 1976, 71, 303-305.	2.8	8