Alexander N Shikov

List of Publications by Year in descending order

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119 2,866 32 50
papers citations h-index g-index

121 121 3311 all docs docs citations times ranked citing authors

#	Article	IF	CITATIONS
1	The Biochemical Composition and Antioxidant Properties of Fucus vesiculosus from the Arctic Region. Marine Drugs, 2022, 20, 193.	4.6	30
2	The Impact of Natural Deep Eutectic Solvents and Extraction Method on the Co-Extraction of Trace Metals from Fucus vesiculosus. Marine Drugs, 2022, 20, 324.	4.6	14
3	Methods of extraction of medicinal plants. , 2022, , 771-796.		1
4	Medicinal plants from the 14th edition of the Russian Pharmacopoeia, recent updates. Journal of Ethnopharmacology, 2021, 268, 113685.	4.1	109
5	Evolution of the adaptogenic concept from traditional use to medical systems: Pharmacology of stress†and aging†related diseases. Medicinal Research Reviews, 2021, 41, 630-703.	10.5	156
6	Deciphering the Formulation Secret Underlying Chinese Huo-Clearing Herbal Drink. Frontiers in Pharmacology, 2021, 12, 654699.	3.5	5
7	Metabolomic and Pharmacologic Insights of Aerial and Underground Parts of Glycyrrhiza uralensis Fisch. ex DC. for Maximum Utilization of Medicinal Resources. Frontiers in Pharmacology, 2021, 12, 658670.	3.5	9
8	Medical Species Used in Russia for the Management of Diabetes and Related Disorders. Frontiers in Pharmacology, 2021, 12, 697411.	3.5	16
9	Efficacy of Natural Deep Eutectic Solvents for Extraction of Hydrophilic and Lipophilic Compounds from Fucus vesiculosus. Molecules, 2021, 26, 4198.	3.8	68
10	Creation of an Anti-Inflammatory, Leptin-Dependent Anti-Obesity Celastrol Mimic with Better Druggability. Frontiers in Pharmacology, 2021, 12, 705252.	3.5	3
11	Sceletium for Managing Anxiety, Depression and Cognitive Impairment: A Traditional Herbal Medicine in Modern-Day Regulatory Systems. Current Neuropharmacology, 2021, 19, 1384-1400.	2.9	10
12	Findings of Russian literature on the clinical application of Eleutherococcus senticosus (Rupr. & ETQqO O	0 <u>r</u> gβT /O	verlock 10 Tf
13	Formulation, Optimization and In Vivo Evaluation of Fucoidan-Based Cream with Anti-Inflammatory Properties. Marine Drugs, 2021, 19, 643.	4.6	26
14	Alkanet. , 2020, , 1-12.		2
15	Metabolite profiling and mechanisms of bioactivity of snake autolysate - A traditional Uzbek medicine. Journal of Ethnopharmacology, 2020, 250, 112459.	4.1	3
16	Variability of Major Phenyletanes and Phenylpropanoids in 16-Year-Old Rhodiola rosea L. Clones in Norway. Molecules, 2020, 25, 3463.	3.8	13
17	Optimization of the Composition and Production Technology of Fucoidan Tablets and their Biopharmaceutical Evaluation. Pharmaceutical Chemistry Journal, 2020, 54, 509-513.	0.8	3
18	Pharmacokinetics of Marine-Derived Drugs. Marine Drugs, 2020, 18, 557.	4.6	46

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19	Mechanisms of Bioactivities of Fucoidan from the Brown Seaweed Fucus vesiculosus L. of the Barents Sea. Marine Drugs, 2020, 18, 275.	4.6	116
20	Natural Deep Eutectic Solvents for the Extraction of Phenyletanes and Phenylpropanoids of Rhodiola rosea L. Molecules, 2020, 25, 1826.	3.8	51
21	ĐžĐ¿Ñ,Đ¸Đ¼Đ¸ĐĐ°Ñ†Đ¸Ñ•ÑĐ¾ÑÑ,Đ°Đ²Đ° и Ñ,ĐμÑ…Đ½Đ¾Đ»Đ¾Đ³Đ¸Đ¸ Đ¿Đ¾Đ»ÑƒÑ‡ĐμĐ½Đ,Ñ•Ñ,абл	Ð ϻ ÑţĐ¾Đ¹	º ѕфÑfĐ≅
22	A Critical Review to Identify the Domains Used to Measure the Effect and Outcome of Adaptogenic Herbal Medicines. Yale Journal of Biology and Medicine, 2020, 93, 327-346.	0.2	6
23	Pharmacokinetic Study of Bioactive Glycopeptide from Strongylocentrotus droebachiensis After Intranasal Administration to Rats Using Biomarker Approach. Marine Drugs, 2019, 17, 577.	4.6	9
24	Natural Deep Eutectic Solvents as Alternatives for Extracting Phlorotannins from Brown Algae. Pharmaceutical Chemistry Journal, 2019, 53, 243-247.	0.8	45
25	Animal-derived medicinal products in Russia: Current nomenclature and specific aspects of quality control. Journal of Ethnopharmacology, 2019, 240, 111933.	4.1	26
26	The Pharmacokinetics of Fucoidan after Topical Application to Rats. Marine Drugs, 2019, 17, 687.	4.6	47
27	ĐΫÑ€Đ¸Ñ€Đ³¼ĐʹĐ½Ñ‹Đμ Đ³Đ»ÑƒĐ±Đ¾Đ°Đ¸Đμ ÑĐ²Ñ,ĐμаÑ,Đ,чĐμÑаиĐμ Ñ€Đ°ÑÑ,Đ²Đ¾Ñ€Đ,Ñ,Đμли а	Đ đời ал	ÑŒÑ,еÑ
28	Extraction of active compounds of Sedum roseum by natural deep eutectic solvent. Planta Medica, 2019, 85, .	1.3	0
29	Preclinical Study of the Pharmacokinetics of a New Intravenous Dosage Form of Ubiquinol. Pharmaceutical Chemistry Journal, 2018, 51, 949-953.	0.8	3
30	Naphthoquinone pigments from sea urchins: chemistry and pharmacology. Phytochemistry Reviews, 2018, 17, 509-534.	6.5	41
31	Challenges in the investigation of combinatory modes of action of nutrients and pharmaceuticals. Synergy, 2018, 7, 36-38.	1.1	4
32	Pharmacokinetic and Tissue Distribution of Fucoidan from Fucus vesiculosus after Oral Administration to Rats. Marine Drugs, 2018, 16, 132.	4.6	94
33	Pharmacokinetics and Tissue Disposition of Nanosystem-Entrapped Betulin After Endotracheal Administration to Rats. European Journal of Drug Metabolism and Pharmacokinetics, 2017, 42, 327-332.	1.6	18
34	Comparative stability of dimeric and monomeric pigments extracted from sea urchin Strongylocentrotus droebachiensis. Natural Product Research, 2017, 31, 1747-1751.	1.8	6
35	Optimization of (Poly)Hydroxynaphthoquinone Extraction from Shells of Strongylocentrotus Droebachiensis Sea Urchins. Pharmaceutical Chemistry Journal, 2017, 51, 407-410.	0.8	2
36	HPLC determination of glucosamine hydrochloride and chondroitin sulfate, weakly absorbing in the near UV region, in various buffer media. Journal of Analytical Chemistry, 2017, 72, 879-885.	0.9	8

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37	Traditional and Current Food Use of Wild Plants Listed in the Russian Pharmacopoeia. Frontiers in Pharmacology, 2017, 8, 841.	3.5	65
38	Chemical Profiling and Bioactivity of Body Wall Lipids from Strongylocentrotus droebachiensis. Marine Drugs, 2017, 15, 365.	4.6	11
39	Progress in using the drugs based on hydrobionts in treatment of respiratory viral infections and their complications. Reviews on Clinical Pharmacology and Drug Therapy, 2017, 15, 4-13.	0.6	1
40	Aralia elata var. mandshurica (Rupr. & Maxim.) J.Wen: An overview of pharmacological studies. Phytomedicine, 2016, 23, 1409-1421.	5.3	43
41	Search for the new anti-inflammatory agents based on glycosylated polypeptide complex extracted from sea urchins Strongylocentrotus droebachiensis. Reviews on Clinical Pharmacology and Drug Therapy, 2016, 14, 9-15.	0.6	0
42	Immunomodulatory and antioxidants properties of fixed combination of fish oil with plant extracts. Synergy, 2015, 2, 19-24.	1.1	8
43	Effects of Ultrasound Treatment on the Chemical Composition and Anticoagulant Properties of Dry Fucus Extract. Pharmaceutical Chemistry Journal, 2015, 49, 183-186.	0.8	37
44	Bioactivity and chemical characterization of gonads of green sea urchin Strongylocentrotus droebachiensis from Barents Sea. Journal of Functional Foods, 2015, 17, 227-234.	3.4	35
45	Medicinal Plants of the Russian Pharmacopoeia; their history and applications. Journal of Ethnopharmacology, 2014, 154, 481-536.	4.1	225
46	Rheological Study of Agar Hydrogels for Soft Capsule Shells. Pharmaceutical Chemistry Journal, 2014, 47, 556-558.	0.8	4
47	Oplopanax elatus (Nakai) Nakai: chemistry, traditional use and pharmacology. Chinese Journal of Natural Medicines, 2014, 12, 721-729.	1.3	30
48	Rapid profiling of phenolic compounds of green and fermented <i>Bergenia crassifolia </i> L. leaves by UPLC-DAD-QqQ-MS and HPLC-DAD-ESI-QTOF-MS. Natural Product Research, 2014, 28, 1530-1533.	1.8	8
49	Bergenia crassifolia (L.) Fritsch – Pharmacology and phytochemistry. Phytomedicine, 2014, 21, 1534-1542.	5.3	28
50	Letter: Characterization of Volatile and Semi-Volatile Compounds in Green and Fermented Leaves of <i>Bergenia Crassifolia</i> L. by Gas Chromatography-Mass Spectrometry and ID-CUBE Direct Analysis in Real Time-High Resolution Mass Spectrometry. European Journal of Mass Spectrometry, 2014, 20, 199-205.	1.0	11
51	Evaluation of Free Radical-Scavenging Activity of Sea Urchin Pigments Using HPTLC with Post-Chromatographic Derivatization. Chromatographia, 2013, 76, 1353-1358.	1.3	21
52	Antiallergic Effects of Pigments Isolated from Green Sea Urchin (Strongylocentrotus droebachiensis) Shells. Planta Medica, 2013, 79, 1698-1704.	1.3	33
53	Effects of lipid extract of sea urchins gonads in metabolic syndrome animal model. Planta Medica, 2013, 79, .	1.3	2
54	Variation of chemical composition of Epilobium angustifolium during fermentation. Planta Medica, 2013, 79, .	1.3	6

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55	Anti-inflammatory effects of lipids extract from the cod liver. Planta Medica, 2013, 79, .	1.3	О
56	Neurobehavioral Effects of the Intragastric Administration of Coenzyme Q10 Binary Solid Dispersion Tablets in Mice. Pharmacologia, 2013, 4, 529-534.	0.3	0
57	Effect of polyethyleneglycol on coenzyme Q10 bioavailability from nanosystems in vitro. Pharmaceutical Chemistry Journal, 2012, 46, 241-244.	0.8	0
58	An in vitro model for evaluation of the release rate of hydrophobic compounds from coenzyme Q10 lozenges and in vivo/in vitro correlation. Pharmaceutical Chemistry Journal, 2012, 46, 456-459.	0.8	1
59	Future development of global regulations of Chinese herbal products. Journal of Ethnopharmacology, 2012, 140, 568-586.	4.1	102
60	The biological activities of fish peptides and methods of their isolation. Russian Journal of Marine Biology, 2012, 38, 417-422.	0.6	17
61	Effect of Bergenia crassifolia L. extracts on weight gain and feeding behavior of rats with high-caloric diet-induced obesity. Phytomedicine, 2012, 19, 1250-1255.	5.3	25
62	IDâ€CUBE direct analysis in real time highâ€resolution mass spectrometry and its capabilities in the identification of phenolic components from the green leaves of <i>Bergenia crassifolia</i> L Rapid Communications in Mass Spectrometry, 2012, 26, 1329-1337.	1.5	45
63	Phospholipids and amino-acid composition of eggs of sea urchin from Barents Sea. Planta Medica, 2012, 78, .	1.3	2
64	METABOLIC EFFECTS OF CITRUS GRANDIS WHOLE FRUITS EXTRACT IN THE STREPTOZOTOCIN-INDUCED DIABETIC RATS. Reviews on Clinical Pharmacology and Drug Therapy, 2012, 10, 90-91.	0.6	0
65	BIOLOGICAL ACTIVE PREPARATIONS FROM HYDROBIONTS. Reviews on Clinical Pharmacology and Drug Therapy, 2012, 10, 99.	0.6	0
66	Protective effect of suberin against CCl4-induced hepatotoxicity. Planta Medica, 2012, 78, .	1.3	0
67	Effects of peat distillates in adjuvant arthritis of rats. Planta Medica, 2012, 78, .	1.3	0
68	Pharmacological evaluation of Potentilla albaL. in mice: adaptogenic and central nervous system effects. Pharmaceutical Biology, 2011, 49, 1023-1028.	2.9	14
69	Method development and validation of an HPLC assay for the detection of hopantenic acid in human plasma and its application to a pharmacokinetic study on volunteers. Acta Chromatographica, 2011, 23, 403-414.	1.3	0
70	Birch bark extract as therapy for chronic hepatitis C – A pilot study. Phytomedicine, 2011, 18, 807-810.	5.3	29
71	The offline combination of thin-layer chromatography and high-performance liquid chromatography with diode array detection and micrOTOF-Q mass spectrometry for the separation and identification of spinochromes from sea urchin (Strongylocentrotus droebachiensis) shells. Journal of Chromatography A. 2011, 1218, 9111-9114.	3.7	29
72	Metabolic profiling of <i>Rhodiola rosea</i> rhizomes by ¹ H NMR spectroscopy. Phytochemical Analysis, 2011, 22, 158-165.	2.4	53

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73	Effect of <i>Leonurus cardiaca</i> oil extract in patients with arterial hypertension accompanied by anxiety and sleep disorders. Phytotherapy Research, 2011, 25, 540-543.	5.8	24
74	Antioxidant and Proâ€Oxidant Evaluation of a <i>Potentilla alba</i> L. Rhizome Extract. Chemistry and Biodiversity, 2011, 8, 1344-1356.	2.1	15
75	Validated HPTLC method for quantification of vitamin D3in fish oil. Journal of Planar Chromatography - Modern TLC, 2011, 24, 487-490.	1.2	14
76	Composition of fatty oil of sea urchin eggs from Barents Sea. Planta Medica, 2011, 77, .	1.3	1
77	Evaluation of acute toxicity of betulin. Planta Medica, 2011, 77, .	1.3	4
78	Anti-inflammatory effect of peat distillates in animal models. Planta Medica, 2011, 77, .	1.3	0
79	Poster Session 2 â€" Analytical Chemistry. Journal of Pharmacy and Pharmacology, 2010, 54, 50-51.	2.4	0
80	Validation of a quantitative determination method of diclofenac for in vitro bioequivalence evaluation of transdermal gel preparations. Pharmaceutical Chemistry Journal, 2010, 44, 43-46.	0.8	3
81	Biopharmaceutical study of nanosystems containing betulin for inhalation administration. Pharmaceutical Chemistry Journal, 2010, 44, 501-503.	0.8	13
82	Anti-inflammatory activity of a HPLC-fingerprinted aqueous infusion of aerial part of Bidens tripartita L Phytomedicine, 2010, 17, 463-468.	5.3	40
83	Adaptogenic effect of black and fermented leaves of Bergenia crassifolia L. in mice. Journal of Functional Foods, 2010, 2, 71-76.	3.4	24
84	Blood pressure-lowering properties of chokeberry (Aronia mitchurinii, var. Viking). Journal of Functional Foods, 2010, 2, 163-169.	3.4	60
85	Phenolic constituents of Gnaphalium uliginosum L Phytochemistry Letters, 2010, 3, 45-47.	1.2	16
86	Improved and validated HPTLC method for quantification of oenothein B and its use for analysis of Epilobiumangustifolium L Journal of Planar Chromatography - Modern TLC, 2010, 23, 70-74.	1.2	12
87	Comparative quantification of phosphatidylcholine in sea urchins eggs by instrumental TLC with various detection techniques. Planta Medica, 2010, 76, .	1.3	1
88	Application of Leonurus cardiaca L. oil extract for treatment of psycho neurological disorders in clinic. Planta Medica, 2010, 76, .	1.3	0
89	Adaptogenic and central nervous system effects of Potentilla alba L extract in mice. Planta Medica, 2010, 76, .	1.3	0
90	Determination and pharmacokinetic study of taxifolin in rabbit plasma by high-performance liquid chromatography. Phytomedicine, 2009, 16, 244-251.	5.3	37

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91	Development and in vitro biopharmaceutical evaluation of a dihydroquercetin microemulsion. Pharmaceutical Chemistry Journal, 2009, 43, 352.	0.8	6
92	Chemical and antioxidant evaluation of Indian gooseberry (<i>emblica officinalis</i> gaertn., syn.) Tj ETQq0 0 0 rg	gBT Overl	ock 10 Tf 50
93	Nanodispersions of taxifolin: Impact of solid-state properties on dissolution behavior. International Journal of Pharmaceutics, 2009, 377, 148-152.	5.2	48
94	Chemical composition, antioxidative activity and cell viability effects of a Siberian pine (Pinus sibirica) Tj ETQq0 0	0 rgBT /O	verlock 10 Tf 42
95	Anti-inflammatory effect of Pinus sibirica oil extract in animal models. Journal of Natural Medicines, 2008, 62, 436-440.	2.3	22
96	Antibacterial activity of <i>Chamomilla recutita</i> oil extract against <i>Helicobacter pylori</i> Phytotherapy Research, 2008, 22, 252-253.	5. 8	37
97	Separation and free radicalâ€scavenging activity of major curcuminoids of <i>Curcuma longa</i> using HPTLCâ€DPPH method. Phytochemical Analysis, 2008, 19, 236-243.	2.4	53
98	Comparison of high performance TLC and HPLC for separation and quantification of chlorogenic acid in green coffee bean extracts. Journal of Separation Science, 2008, 31, 237-241.	2.5	34
99	Determination of icariin in rat plasma by reverseâ€phase highâ€performance liquid chromatography after oral administration of a lipidâ€based suspension of <i>Epimedium koreanum</i> extract. Biomedical Chromatography, 2008, 22, 625-629.	1.7	8
100	Development and Validation of an LC Method for Simultaneous Determination of Ascorbic Acid and Three Phenolic Acids in Sustained Release Tablets at Single Wavelength. Chromatographia, 2008, 67, 709-713.	1.3	9
101	Green technology to boost production of natural extracts. European Journal of Pharmaceutical Sciences, 2008, 34, S28.	4.0	1
102	Self-microemulsifying drug delivery system as nanosystems for bioavailability enhancement of flavonoids in vitro. European Journal of Pharmaceutical Sciences, 2008, 34, S29.	4.0	3
103	LC Method for Quantification of Lutein in Rat Plasma: Validation, and Application to a Pharmacokinetic Study. Chromatographia, 2008, 68, 949-954.	1.3	7
104	Examination of adaptogenic effect of infusions of Bergenia crassifolia black and fermented leaves in the forced swimming test. Planta Medica, 2008, 74, .	1.3	2
105	Variation in concentration of oenothein B in different samples of cultivated Epilobium angustifolium L. Planta Medica, 2008, 74, .	1.3	0
106	Effect of lipid-based suspension of Epimedium koreanum Nakai extract on sexual behavior in rats. Journal of Ethnopharmacology, 2007, 114, 412-416.	4.1	76
107	Comparison between HPLC and HPTLC densitometry for the determination of icariin fromEpimedium koreanum extracts. Journal of Separation Science, 2007, 30, 708-712.	2.5	24
108	Separation and evaluation of free radical-scavenging activity of phenol components ofEmblica officinalis extract by using an HPTLC–DPPH• method. Journal of Separation Science, 2007, 30, 1250-1254.	2.5	81

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109	Separation and evaluation of free radical-scavenging activity of phenol components of green, brown, and black leaves of Bergenia crassifolia by using HPTLC-DPPH• method. Journal of Separation Science, 2007, 30, 2447-2451.	2.5	45
110	Nanosystems with taxifolin for solid dosage form and its bioavailability in vitro. Planta Medica, 2007, 73, .	1.3	1
111	Self-microemulsifying drug delivery systems as nanosystems for bioavailability enhancement of taxifolin in vitro. Planta Medica, 2007, 73, .	1.3	5
112	HPLC evaluation of water-soluble extracts of Chamaenerion angustifolium L. and Pentaphylloides fruticosa L. Planta Medica, 2007, 73, .	1.3	1
113	Chemical Composition and in Vitro Antioxidant Evaluation of Commercial Water-Soluble Willow Herb (Epilobium angustifolium L.) Extracts. Journal of Agricultural and Food Chemistry, 2006, 54, 3617-3624.	5.2	48
114	Developing a model for mathematical description of the fractional composition and interphase contact surface for raw plant material extraction in a rotary-pulsation apparatus. Pharmaceutical Chemistry Journal, 2006, 40, 385-388.	0.8	5
115	Separation and quantification of terpenoids ofBoswellia serrata Roxb. extract by planar chromatography techniques (TLC and AMD). Journal of Separation Science, 2006, 29, 2245-2250.	2.5	36
116	Identification of spiroketal polyacetylenes as the main components of an oil extract of chamomile (Chamomilla recutita L. Rausch.) flowers. Planta Medica, 2006, 72, .	1.3	2
117	Thiolysis-HPLC characterization of the phenolic composition of nut shells of Pinus sibirica (Du Tour) Rupr. Planta Medica, 2006, 72, .	1.3	1
118	"Panasorb+ge― new adsorbent from plant cell tissue culture. European Journal of Pharmaceutical Sciences, 1998, 6, S81.	4.0	0
119	Development of the method of quantitative spectrophotometric determination of the main active agents in preparations of the ginseng selective strain. Pharmaceutical Chemistry Journal, 1995, 29, 436-439.	0.8	1