Andrei I Khlebnikov

List of Publications by Year
in descending order

115	2,200	185998	276539
papers	citations	28 h-index	41 g-index

117	117	117	2487
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Improved quantitative structureâ€“activity relationship models to predict antioxidant activity of flavonoids in chemical, enzymatic, and cellular systems. Bioorganic and Medicinal Chemistry, 2007, 15, 1749-1770.	1.4	137
2	Characterization and Biological Activities of Humic Substances from Mumie. Journal of Agricultural and Food Chemistry, 2003, 51, 5245-5254.	2.4	85
3	Medical drugs from humus matter: Focus on mumie. Drug Development Research, 2002, 57, 140-159.	1.4	74
4	Identification and Characterization of a Novel Class of c-Jun N-terminal Kinase Inhibitors. Molecular Pharmacology, 2012, 81, 832-845.	1.0	72
5	Immunomodulatory Activity of Oenothein B Isolated from Epilobium angustifolium. Journal of Immunology, 2009, 183, 6754-6766.	0.4	69
6	Decomposition of reactive oxygen species by copper(II) bis(1-pyrazolyl)methane complexes. Journal of Biological Inorganic Chemistry, 2006, 11, 499-513.	1.1	68
7	High-Throughput Screening for Small-Molecule Activators of Neutrophils: Identification of NovelN-Formyl Peptide Receptor Agonists. Molecular Pharmacology, 2007, 71, 1061-1074.	1.0	63
8	Optimization of N-Benzoylindazole Derivatives as Inhibitors of Human Neutrophil Elastase. Journal of Medicinal Chemistry, 2013, 56, 6259-6272.	2.9	54
9	Synthesis, biological evaluation, and molecular modeling of 11H-indeno[1,2-b]quinoxalin-11-one derivatives and tryptanthrin-6-oxime as c-Jun N-terminal kinase inhibitors. European Journal of Medicinal Chemistry, 2019, 161, 179-191.	2.6	51
10	N-Benzoylpyrazoles Are Novel Small-Molecule Inhibitors of Human Neutrophil Elastase. Journal of Medicinal Chemistry, 2007, 50, 4928-4938.	2.9	50
11	Development of Small Molecule Non-peptide Formyl Peptide Receptor (FPR) Ligands and Molecular Modeling of Their Recognition. Current Medicinal Chemistry, 2014, 21, 1478-1504.	1.2	49
12	Novel Small-Molecule Inhibitors of Anthrax Lethal Factor Identified by High-Throughput Screening. Journal of Medicinal Chemistry, 2006, 49, 5232-5244.	2.9	48
13	Synthesis of mixed-ligand copper(II) complexes containing bis(pyrazol-1-yl)methane ligands. Polyhedron, 2006, 25, 2683-2690.	1.0	45
14	Identification of Novel Small-Molecule Agonists for Human Formyl Peptide Receptors and Pharmacophore Models of Their Recognition. Molecular Pharmacology, 2010, 77, 159-170.	1.0	45
15	Synthesis, characterization and potent superoxide dismutase-like activity of novel bis(pyrazole)â€“2,2â€²-bipyridyl mixed ligand copper(ii) complexes. Dalton Transactions, 2009, , 4488.	1.6	44
16	Anti-Inflammatory Effects and Joint Protection in Collagen-Induced Arthritis after Treatment with IQ-1S, a Selective c-Jun N-Terminal Kinase Inhibitor. Journal of Pharmacology and Experimental Therapeutics, 2015, 353, 505-516.	1.3	44
17	A novel dual NO-donating oxime and c-Jun N-terminal kinase inhibitor protects against cerebral ischemiaâ€“reperfusion injury in mice. Neuroscience Letters, 2016, 618, 45-49.	1.0	43
18	Neutrophil Immunomodulatory Activity of Natural Organosulfur Compounds. Molecules, 2019, 24, 1809.	1.7	40

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19	Modulation of Human Neutrophil Responses by the Essential Oils from Ferula akitschkensis and Their Constituents. Journal of Agricultural and Food Chemistry, 2016, 64, 7156-7170.	2.4	36
20	Further studies on 2-arylacetamide pyridazin-3(2H)-ones: Design, synthesis and evaluation of 4,6-disubstituted analogs as formyl peptide receptors (FPRs) agonists. European Journal of Medicinal Chemistry, 2013, 64, 512-528.	2.6	35
21	Protective Effects of a New C-Jun N-terminal Kinase Inhibitor in the Model of Global Cerebral Ischemia in Rats. Molecules, 2019, 24, 1722.	1.7	35
22	Chemical Composition and Immunomodulatory Activity of Hypericum perforatum Essential Oils. Biomolecules, 2020, 10, 916.	1.8	35
23	Oximes: Novel Therapeutics with Anticancer and Anti-Inflammatory Potential. Biomolecules, 2021, 11, 777.	1.8	35
24	Cinnoline derivatives as human neutrophil elastase inhibitors. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 628-639.	2.5	34
25	Gastrin-Releasing Peptide/Neuromedin B Receptor Antagonists PD176252, PD168368, and Related Analogs Are Potent Agonists of Human Formyl-Peptide Receptors. Molecular Pharmacology, 2011, 79, 77-90.	1.0	30
26	Chemical composition and phagocyte immunomodulatory activity of Ferula iliensis essential oils. Journal of Leukocyte Biology, 2017, 101, 1361-1371.	1.5	30
27	Facile Synthesis of Flexible Bis(pyrazolâ€1â€yl)alkane and Related Ligands in a Superbasic Medium. European Journal of Organic Chemistry, 2007, 2007, 5112-5116.	1.2	29
28	Design, synthesis and evaluation of N-benzoylindazole derivatives and analogues as inhibitors of human neutrophil elastase. Bioorganic and Medicinal Chemistry, 2011, 19, 4460-4472.	1.4	29
29	Identification of Novel Formyl Peptide Receptor-Like 1 Agonists That Induce Macrophage Tumor Necrosis Factor Î± Production. Molecular Pharmacology, 2008, 74, 392-402.	1.0	27
30	Synthesis, crystal structure and electrocatalytic activity of discrete and polymeric copper(II) complexes with bitopic bis(pyrazol-1-yl)methane ligands. Inorganic Chemistry Communication, 2015, 53, 72-75.	1.8	27
31	Isoxazol-5(2H)-one: a new scaffold for potent human neutrophil elastase (HNE) inhibitors. Journal of Enzyme Inhibition and Medicinal Chemistry, 2017, 32, 821-831.	2.5	27
32	3-(1H-indol-3-yl)-2-[3-(4-nitrophenyl)ureido]propanamide enantiomers with human formyl-peptide receptor agonist activity: Molecular modeling of chiral recognition by FPR2. Biochemical Pharmacology, 2013, 85, 404-416.	2.0	26
33	Therapeutic Effects of Tryptanthrin and Tryptanthrin-6-Oxime in Models of Rheumatoid Arthritis. Frontiers in Pharmacology, 2020, 11, 1145.	1.6	25
34	Antagonism of human formyl peptide receptor 1 (FPR1) by chromones and related isoflavones. Biochemical Pharmacology, 2014, 92, 627-641.	2.0	24
35	Essential Oils from Monarda fistulosa: Chemical Composition and Activation of Transient Receptor Potential A1 (TRPA1) Channels. Molecules, 2020, 25, 4873.	1.7	24
36	Synthesis of ditopic ligands containing bis(1H-pyrazol-1-yl)-methane fragments. Russian Journal of Organic Chemistry, 2007, 43, 1698-1702.	0.3	23

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37	4-Aroyl-3-hydroxy-5-phenyl-1H-pyrrol-2(5H)-ones as N-formyl peptide receptor 1 (FPR1) antagonists. Biochemical Pharmacology, 2017, 142, 120-132.	2.0	23
38	1H-pyrrolo[2,3-b]pyridine: A new scaffold for human neutrophil elastase (HNE) inhibitors. Bioorganic and Medicinal Chemistry, 2018, 26, 5583-5595.	1.4	23
39	Neuroprotective Effects of a Novel Inhibitor of c-Jun N-Terminal Kinase in the Rat Model of Transient Focal Cerebral Ischemia. Cells, 2020, 9, 1860.	1.8	23
40	Antagonism of human formyl peptide receptor 1 with natural compounds and their synthetic derivatives. International Immunopharmacology, 2016, 37, 43-58.	1.7	22
41	Synthesis and Pharmacological Evaluation of New Pyridazinâ€Based Thioderivatives as Formyl Peptide Receptor (<scp>FPR</scp>) Agonists. Drug Development Research, 2013, 74, 259-271.	1.4	21
42	Synthesis and Pharmacological Evaluation of Indole Derivatives as Deaza Analogues of Potent Human Neutrophil Elastase Inhibitors. Drug Development Research, 2016, 77, 285-299.	1.4	21
43	2-Arylacetamido-4-phenylamino-5-substituted pyridazinones as formyl peptide receptors agonists. Bioorganic and Medicinal Chemistry, 2016, 24, 2530-2543.	1.4	20
44	Synthesis, anticancer activity, and molecular modeling of 1,4-naphthoquinones that inhibit MKK7 and Cdc25. European Journal of Medicinal Chemistry, 2019, 183, 111719.	2.6	18
45	Structureâ€“activity relationship analysis of N-benzoylpyrazoles for elastase inhibitory activity: A simplified approach using atom pair descriptors. Bioorganic and Medicinal Chemistry, 2008, 16, 2791-2802.	1.4	17
46	Molecular docking of 2-(benzimidazol-2-ylthio)-N-phenylacetamide-derived small-molecule agonists of human formyl peptide receptor 1. Journal of Molecular Modeling, 2012, 18, 2831-2843.	0.8	17
47	Innate Immunomodulatory Activity of Cedrol, a Component of Essential Oils Isolated from Juniperus Species. Molecules, 2021, 26, 7644.	1.7	17
48	Synthesis, Structure, and Anti-Inflammatory Activity of Functionally Substituted Chalcones and Their Derivatives. Russian Journal of General Chemistry, 2019, 89, 1360-1367.	0.3	16
49	Peptide Blocking CTLA-4 and B7-1 Interaction. Molecules, 2021, 26, 253.	1.7	16
50	Chemical Composition and Immunomodulatory Activity of Essential Oils from Rhododendron albiflorum. Molecules, 2021, 26, 3652.	1.7	16
51	Synthesis and crystal structure of discrete complexes and coordination polymers containing 1,3-bis(pyrazol-1-yl)propane ligands. Polyhedron, 2012, 33, 150-157.	1.0	15
52	Synthesis and analytical characterization of new thiazol-2-(3H)-ones as human neutrophil elastase (HNE) inhibitors. Chemistry Central Journal, 2017, 11, 127.	2.6	15
53	Synthesis of 1-ethylpyrazole-4-carbaldehydes, 1,1â€™-methylenebis(3,5-dimethylpyrazole-4-carbaldehyde), and Schiff bases derived therefrom. Russian Journal of Organic Chemistry, 2006, 42, 550-554.	0.3	13
54	Synthesis of new polydentate pyrazolylâ€ethene ligands by interaction of 1Hâ€pyrazole and 1,1,2,2â€tetrabromoethane in a superbasic medium. Journal of Heterocyclic Chemistry, 2011, 48, 645-651.	1.4	12

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55	Novel 3-(1H-indol-3-yl)-2-[3-(4-methoxyphenyl)ureido]propanamides as selective agonists of human formyl-peptide receptor 2. Bioorganic and Medicinal Chemistry, 2015, 23, 3913-3924.	1.4	12
56	Novel Sulfonamide Analogs of Sivelestat as Potent Human Neutrophil Elastase Inhibitors. Frontiers in Chemistry, 2020, 8, 795.	1.8	12
57	Neutrophil Immunomodulatory Activity of Farnesene, a Component of ArtemisiaÂdracunculus Essential Oils. Pharmaceuticals, 2022, 15, 642.	1.7	12
58	Quantitative structureâ€“activity relationships for small non-peptide antagonists of CXCR2: Indirect 3D approach using the frontal polygon method. Bioorganic and Medicinal Chemistry, 2006, 14, 352-365.	1.4	11
59	Novel c-Jun N-Terminal Kinase (JNK) Inhibitors with an 11H-Indeno[1,2-b]quinoxalin-11-one Scaffold. Molecules, 2021, 26, 5688.	1.7	11
60	Osteoblastic differentiation of mesenchymal stem cells by mumie extract. Drug Development Research, 2002, 57, 122-133.	1.4	10
61	Synthesis and structure of a complex of copper(II) bromide with bis(benzotriazol-1-yl)methane. Journal of Structural Chemistry, 2007, 48, 500-505.	0.3	10
62	Synthesis and biological activity of hydrazones of o- and p-hydroxybenzoic acids. Spatial structure of 5-Bromo-2-hydroxybenzylidene-4-hydroxybenzohydrazide. Russian Journal of General Chemistry, 2017, 87, 2299-2306.	0.3	10
63	Antihypertensive activity of a new c-Jun N-terminal kinase inhibitor in spontaneously hypertensive rats. Hypertension Research, 2020, 43, 1068-1078.	1.5	10
64	Bis(benzotriazol-1-yl)methane as a linker in the assembly of new copper(II) coordination polymers: Synthesis, structure and investigations. Polyhedron, 2012, 48, 253-263.	1.0	9
65	Further modifications of 1Hâ€pyrrolo[2,3â€b]pyridine derivatives as inhibitors of human neutrophil elastase. Drug Development Research, 2019, 80, 617-628.	1.4	9
66	Electrosprayed poly(lactic-co-glycolic acid) particles as a promising drug delivery system for the novel JNK inhibitor IQ-1. European Polymer Journal, 2020, 127, 109598.	2.6	9
67	Exploration of nitrogen heterocycle scaffolds for the development of potent human neutrophil elastase inhibitors. Bioorganic and Medicinal Chemistry, 2021, 29, 115836.	1.4	9
68	Synthesis of monomeric and oligomeric 1,1â€²-methylenebis-(1H-pyrazoles) contaning ethynyl fragments. Russian Journal of Organic Chemistry, 2006, 42, 1368-1373.	0.3	8
69	Poly(Îµ-caprolactone) Scaffolds Doped with c-Jun N-terminal Kinase Inhibitors Modulate Phagocyte Activation. ACS Biomaterials Science and Engineering, 2019, 5, 5990-5999.	2.6	8
70	Synthesis, Biological Evaluation, and Molecular Modeling of Aza-Crown Ethers. Molecules, 2021, 26, 2225.	1.7	8
71	Computational structureâ€“activity relationship analysis of non-peptide inducers of macrophage tumor necrosis factor-Î± production. Bioorganic and Medicinal Chemistry, 2008, 16, 9302-9312.	1.4	7
72	Computational structureâ€“activity relationship analysis of small-molecule agonists for human formyl peptide receptors. European Journal of Medicinal Chemistry, 2010, 45, 5406-5419.	2.6	7

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73	Synthesis and Cytotoxicity of bis(pyrazol-1-yl)-Alkane Derivatives with Polymethylene Linkers and Related Mono- and Dipyrazolium Salts. Chemistry of Heterocyclic Compounds, 2016, 52, 388-401.	0.6	7
74	Structure and luminescent properties of the cadmium(II) chloride complex with bis(benzotriazole-1-YL)methane. Journal of Structural Chemistry, 2010, 51, 514-518.	0.3	6
75	Synthesis and oxidation of some azole-containing thioethers. Beilstein Journal of Organic Chemistry, 2011, 7, 1526-1532.	1.3	6
76	The investigation of structureâ€“activity relationship of polyamine-targeted synthetic compounds from different chemical groups. Amino Acids, 2020, 52, 199-211.	1.2	6
77	Synthesis, biological evaluation, molecular modeling, and structural analysis of new pyrazole and pyrazolone derivatives as Nâ€formyl peptide receptors agonists. Chemical Biology and Drug Design, 2021, 98, 582-603.	1.5	6
78	Modeling of the Anticancer Action for Radical Derivatives of Nitroazoles: Quantitative Structure-Activity Relationship (QSAR) Study. Cancer Biotherapy and Radiopharmaceuticals, 2002, 17, 193-203.	0.7	5
79	Synthesis and structural characterization of copper(II) coordination polymers with 1,1,2,2-tetra(pyrazol-1-yl)ethane. Inorganic Chemistry Communication, 2016, 64, 23-26.	1.8	5
80	Pyridinone Derivatives as Interesting Formyl Peptide Receptor (FPR) Agonists for the Treatment of Rheumatoid Arthritis. Molecules, 2021, 26, 6583.	1.7	5
81	Synthesis of 1,8-di(pyrazol-1-yl)-3,6-dioxaoctane and its derivatives. Russian Journal of Organic Chemistry, 2009, 45, 1224-1228.	0.3	4
82	Inhibition of T Cell Receptor Activation by Semi-Synthetic Sesquiterpene Lactone Derivatives and Molecular Modeling of Their Interaction with Glutathione and Tyrosine Kinase ZAP-70. Molecules, 2019, 24, 350.	1.7	4
83	A study of products of tetrakis(hydroxymethyl)glycoluril dehydroxymethylation in aqueous solutions. Russian Chemical Bulletin, 2021, 70, 140-147.	0.4	4
84	Synthesis and X-ray crystal structure of the first dinuclear 1,1,2-tris(pyrazol-1-yl)etheneâ€“zinc chloride complex. Polyhedron, 2012, 33, 252-256.	1.0	3
85	Facile Synthesis of Pyrazole- and Benzotriazole-Containing Selenoethers. Scientific World Journal, The, 2014, 2014, 1-5.	0.8	3
86	Molecular manipulation of the 1,5,6,7-tetrahydro-4H-indazol-4-one scaffold to obtain new human neutrophil elastase (HNE) inhibitors. Journal of Molecular Structure, 2022, 1263, 133140.	1.8	3
87	Pyridazinones and Structurally Related Derivatives with Anti-Inflammatory Activity. Molecules, 2022, 27, 3749.	1.7	3
88	Frontal polygon method: A new approach to analysis of the structure-biological activity relation. Pharmaceutical Chemistry Journal, 1994, 28, 818-823.	0.3	2
89	Quantitative relationships between structure and dissociation constants of enzyme - substrate complexes of microsomal cytochrome p-450 with derivatives of urea, diphenyl, diphenylmethane, and carbamide-containing heterocycles. Pharmaceutical Chemistry Journal, 1999, 33, 644-650.	0.3	2
90	Alcoholysis of 2,2-Dichloropropyl Derivatives of Carbazole, Phenothiazine, and Phenoxazine. Russian Journal of Organic Chemistry, 2001, 37, 112-115.	0.3	2

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91	Synthesis and structure of (bis(3,5-dimethyl-1H-pyrazol-1-yl)methane)diiodocobalt(II). Journal of Structural Chemistry, 2005, 46, 1099-1103.	0.3	2
92	Mild reaction of primary alcohols with ferulic acid. Russian Journal of Organic Chemistry, 2016, 52, 441-443.	0.3	2
93	2-(2-(Fluorosulfonyloxy)phenyl)benzoxazole. MolBank, 2021, 2021, M1242.	0.2	2
94	11H-Indeno[1,2-b]quinoxalin-11-one 2-(4-ethylbenzylidene)hydrazone. MolBank, 2021, 2021, M1299.	0.2	2
95	The method of frontal polyhedra for conformationally-nonrigid molecules. Quantitative structureâ€"Activity relationship in the series of baker triazinesâ€"Dihydrofolate reductase inhibitors. Pharmaceutical Chemistry Journal, 1997, 31, 147-154.	0.3	1
96	Enzyme-substrate complexes between diphenyl derivatives and microsomal cytochrome P-450. Electronic absorption spectra and dissociation constants. Pharmaceutical Chemistry Journal, 1999, 33, 166-168.	0.3	1
97	Enzyme-substrate complexes between carbamide-containing heterocycles and microsomal cytochrome P-450 studied by electronic absorption spectroscopy. Pharmaceutical Chemistry Journal, 1999, 33, 499-501.	0.3	1
98	Title is missing!. Pharmaceutical Chemistry Journal, 2000, 34, 386-389.	0.3	1
99	New Cytochrome P-450 Ligands Based on Urea Derivatives. Pharmaceutical Chemistry Journal, 2005, 39, 18-21.	0.3	1
100	Synthesis of New Bitopic Tetra(pyrazolyl)-Ligands with Neopentane and O-Xylene Backbones. Scientific World Journal, The, 2012, 2012, 1-5.	0.8	1
101	Cytotoxicity of New Ferulic-Acid Derivatives on Human Colon Carcinoma (HCT116) Cells. Pharmaceutical Chemistry Journal, 2019, 53, 516-520.	0.3	1
102	Algorithm for determination of the local similarity of molecules. Journal of Structural Chemistry, 1995, 36, 991-994.	0.3	0
103	Synthesis and anticonvulsive activity of tricyclic analogs of benzhydrylurea. Pharmaceutical Chemistry Journal, 1995, 29, 337-338.	0.3	0
104	Application of the frontal polygon method in analysis of the structure â€" activity relation for urea derivatives: inducers of cytochrome p-450 in the liver. Pharmaceutical Chemistry Journal, 1995, 29, 470-476.	0.3	0
105	Quantitative structureâ€"Activity relationships in a series of urea derivativesâ€"Liver cytochrome P-450 inductors analyzed by the modified method of frontal polyhedra. Pharmaceutical Chemistry Journal, 1997, 31, 320-325.	0.3	0
106	An algorithm for optimal design of chemical structures from molecular fragments. Journal of Structural Chemistry, 1998, 39, 567-574.	0.3	0
107	Complexes of microsomal cytochrome P-450 with imidazole, benzotriazole, phenoxazine, and diphenylamine derivatives studied by electronic absorption spectroscopy. Pharmaceutical Chemistry Journal, 2000, 34, 37-41.	0.3	0
108	Photoetching of Copper Surface with Photosensitive Polymeric Coatings. Russian Journal of Applied Chemistry, 2001, 74, 1947-1949.	0.1	0

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109	Quantitative Structure - Activity Relationships for Nitroazoles with Antitumor Activity. Pharmaceutical Chemistry Journal, 2001, 35, 316-321.	0.3	0
110	Mumie constituents and their biological activity: modulation of reactive oxygen species (ROS) production of macrophages. , 0, , .		0
111	Title is missing!. Pharmaceutical Chemistry Journal, 2002, 36, 240-244.	0.3	0
112	Heterocyclization of N-propenyl-substituted phenothiazines and phenoxazines using electrophiles in an anhydrous medium. Chemistry of Heterocyclic Compounds, 2008, 44, 1505-1509.	0.6	0
113	Synthesis of new bitopic tetra(pyrazolyl)-ligands with neopentane and o-xylene backbones. , 0, , .		0
114	Facile Synthesis of Bis(azolyl) Derivatives in a Superbasic Medium. , 0, , .		0
115	Synthesis of Pyrazole-Derived Dithioethers Using in situ Generation of Dithiolate-Ions. , 0, , .		0