

ElÅ¼bieta Wyska

List of Publications by Year in descending order

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90
papers

1,806
citations

304368

22
h-index

329751

37
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93
all docs

93
docs citations

93
times ranked

2286
citing authors

#	ARTICLE	IF	CITATIONS
1	Diversity of Mechanism-Based Pharmacodynamic Models. <i>Drug Metabolism and Disposition</i> , 2003, 31, 510-518.	1.7	318
2	Antialloodynic and antihyperalgesic activity of 3-[4-(3-trifluoromethyl-phenyl)-piperazin-1-yl]-dihydrofuran-2-one compared to pregabalin in chemotherapy-induced neuropathic pain in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2014, 122, 173-181.	1.3	55
3	CYP2C19 polymorphism affects single-dose pharmacokinetics of oral pantoprazole in healthy volunteers. <i>European Journal of Clinical Pharmacology</i> , 2012, 68, 1267-1274.	0.8	50
4	Inhalable highly concentrated itraconazole nanosuspension for the treatment of bronchopulmonary aspergillosis. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2013, 83, 44-53.	2.0	46
5	Caffeine enhances the antidepressant-like activity of common antidepressant drugs in the forced swim test in mice. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2016, 389, 211-221.	1.4	46
6	Immobility stress induces depression-like behavior in the forced swim test in mice: effect of magnesium and imipramine. <i>Pharmacological Reports</i> , 2006, 58, 746-52.	1.5	45
7	High-Energy Ball Milling as Green Process To Vitrify Tadalafil and Improve Bioavailability. <i>Molecular Pharmaceutics</i> , 2016, 13, 3891-3902.	2.3	42
8	PDE7-Selective and Dual Inhibitors: Advances in Chemical and Biological Research. <i>Current Medicinal Chemistry</i> , 2017, 24, 673-700.	1.2	41
9	Enhancement of antidepressant-like activity by joint administration of imipramine and magnesium in the forced swim test: Behavioral and pharmacokinetic studies in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2005, 81, 524-529.	1.3	39
10	Novel butanehydrazide derivatives of purine-2,6-dione as dual PDE4/7 inhibitors with potential anti-inflammatory activity: Design, synthesis and biological evaluation. <i>European Journal of Medicinal Chemistry</i> , 2018, 146, 381-394.	2.6	37
11	Pharmacokinetic interaction between imipramine and carbamazepine in patients with major depression. <i>Psychopharmacology</i> , 2001, 154, 38-42.	1.5	36
12	Increased seizure susceptibility and other toxicity symptoms following acute sulforaphane treatment in mice. <i>Toxicology and Applied Pharmacology</i> , 2017, 326, 43-53.	1.3	36
13	Novel, highly potent and <i>in vivo</i> active inhibitor of GABA transporter subtype 1 with anticonvulsant, anxiolytic, antidepressant and antinociceptive properties. <i>Neuropharmacology</i> , 2017, 113, 331-342.	2.0	33
14	Pharmacokinetic considerations for current state-of-the-art antidepressants. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2019, 15, 831-847.	1.5	33
15	Anticonvulsant Activity of Pterostilbene in Zebrafish and Mouse Acute Seizure Tests. <i>Neurochemical Research</i> , 2019, 44, 1043-1055.	1.6	33
16	Caffeine augments the antidepressant-like activity of mianserin and agomelatine in forced swim and tail suspension tests in mice. <i>Pharmacological Reports</i> , 2016, 68, 56-61.	1.5	32
17	Antidepressant-Like Activity of Typical Antidepressant Drugs in the Forced Swim Test and Tail Suspension Test in Mice Is Augmented by DMPX, an Adenosine A2A Receptor Antagonist. <i>Neurotoxicity Research</i> , 2019, 35, 344-352.	1.3	32
18	Pharmacokinetics and pharmacodynamics of erythropoietin receptor in healthy volunteers. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2008, 377, 637-645.	1.4	29

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19	Pharmacokinetic-Pharmacodynamic Modeling of Levodopa in Patients With Advanced Parkinson Disease. <i>Clinical Neuropharmacology</i> , 2010, 33, 135-141.	0.2	29
20	Acute effect of cannabidiol on the activity of various novel antiepileptic drugs in the maximal electroshock- and 6â€ Hz-induced seizures in mice: Pharmacodynamic and pharmacokinetic studies. <i>Neuropharmacology</i> , 2019, 158, 107733.	2.0	28
21	A Novel, Pan-PDE Inhibitor Exerts Anti-Fibrotic Effects in Human Lung Fibroblasts via Inhibition of TGF- β^2 Signaling and Activation of cAMP/PKA Signaling. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4008.	1.8	28
22	Novel amide derivatives of 1,3-dimethyl-2,6-dioxopurin-7-yl-alkylcarboxylic acids as multifunctional TRPA1 antagonists and PDE4/7 inhibitors: A new approach for the treatment of pain. <i>European Journal of Medicinal Chemistry</i> , 2018, 158, 517-533.	2.6	27
23	In vitro and in vivo behavior of ground tadalafil hot-melt extrudates: How the carrier material can effectively assure rapid or controlled drug release. <i>International Journal of Pharmaceutics</i> , 2017, 528, 498-510.	2.6	23
24	Advances in Discovery of PDE10A Inhibitors for CNS-Related Disorders. Part 1: Overview of the Chemical and Biological Research. <i>Current Drug Targets</i> , 2018, 20, 122-143.	1.0	23
25	Activity and Safety of Inhaled Itraconazole Nanosuspension in a Model Pulmonary <i>Aspergillus fumigatus</i> Infection in Inoculated Young Quails. <i>Mycopathologia</i> , 2015, 180, 35-42.	1.3	22
26	Traxoprodil, a selective antagonist of the NR2B subunit of the NMDA receptor, potentiates the antidepressant-like effects of certain antidepressant drugs in the forced swim test in mice. <i>Metabolic Brain Disease</i> , 2016, 31, 803-814.	1.4	21
27	Novel Aryloxyethyl Derivatives of 1-(1-Benzoylpiperidin-4-yl)methanamine as the Extracellular Regulated Kinases 1/2 (ERK1/2) Phosphorylation-Preferring Serotonin 5-HT _{1A} Receptor-Biased Agonists with Robust Antidepressant-like Activity. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 2750-2771.	2.9	21
28	Novel anilide and benzamide derivatives of arylpiperazinylalkanoic acids as 5-HT _{1A} /5-HT ₇ receptor antagonists and phosphodiesterase 4/7 inhibitors with procognitive and antidepressant activity. <i>European Journal of Medicinal Chemistry</i> , 2020, 201, 112437.	2.6	19
29	Pretreatment with R(+)-verapamil significantly reduces mortality and cytokine expression in murine model of septic shock. <i>International Immunopharmacology</i> , 2009, 9, 478-490.	1.7	18
30	Pharmacokinetic-Pharmacodynamic Modeling of Methylxanthine Derivatives in Mice Challenged with High-Dose Lipopolysaccharide. <i>Pharmacology</i> , 2010, 85, 264-271.	0.9	18
31	DPCPX, a selective adenosine A ₁ receptor antagonist, enhances the antidepressant-like effects of imipramine, escitalopram, and reboxetine in mice behavioral tests. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2018, 391, 1361-1371.	1.4	18
32	Pharmacokinetic-pharmacodynamic relationship of rocuronium under stable nitrous oxide-fentanyl or nitrous oxide-sevoflurane anesthesia in children. <i>Paediatric Anaesthesia</i> , 2006, 16, 761-768.	0.6	16
33	Sildenafil, a phosphodiesterase type 5 inhibitor, enhances the antidepressant activity of amitriptyline but not desipramine, in the forced swim test in mice. <i>Journal of Neural Transmission</i> , 2012, 119, 645-652.	1.4	16
34	Antidepressant-like activity of sildenafil following acute and subchronic treatment in the forced swim test in mice: effects of restraint stress and monoamine depletion. <i>Metabolic Brain Disease</i> , 2016, 31, 1095-1104.	1.4	16
35	Agomelatine and tianeptine antidepressant activity in mice behavioral despair tests is enhanced by DMPX, a selective adenosine A _{2A} receptor antagonist, but not DPCPX, a selective adenosine A ₁ receptor antagonist. <i>Pharmacological Reports</i> , 2019, 71, 676-681.	1.5	16
36	New imidazopyridines with phosphodiesterase 4 and 7 inhibitory activity and their efficacy in animal models of inflammatory and autoimmune diseases. <i>European Journal of Medicinal Chemistry</i> , 2021, 209, 112854.	2.6	16

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37	Interconversion and tissue distribution of pentoxifylline and lisofylline in mice. <i>Chirality</i> , 2006, 18, 644-651.	1.3	15
38	Influence of sildenafil on the antidepressant activity of bupropion and venlafaxine in the forced swim test in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2012, 103, 273-278.	1.3	15
39	Population pharmacokinetic analysis of ciprofloxacin in the elderly patients with lower respiratory tract infections. <i>Experimental Gerontology</i> , 2014, 57, 107-113.	1.2	15
40	The influence of caffeine on the activity of moclobemide, venlafaxine, bupropion and milnacipran in the forced swim test in mice. <i>Life Sciences</i> , 2015, 136, 13-18.	2.0	15
41	Discovery of Novel pERK1/2- or β -Arrestin-Preferring 5-HT _{1A} Receptor-Biased Agonists: Diversified Therapeutic-like versus Side Effect Profile. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 10946-10971.	2.9	15
42	Anticonvulsant effect of pterostilbene and its influence on the anxiety- and depression-like behavior in the pentetrazol-kindled mice: behavioral, biochemical, and molecular studies. <i>Psychopharmacology</i> , 2021, 238, 3167-3181.	1.5	15
43	Effect of Tadalafil on Seizure Threshold and Activity of Antiepileptic Drugs in Three Acute Seizure Tests in Mice. <i>Neurotoxicity Research</i> , 2018, 34, 333-346.	1.3	14
44	Sildenafil, a phosphodiesterase type 5 inhibitor, reduces antidepressant-like activity of paroxetine in the forced swim test in mice. <i>Pharmacological Reports</i> , 2012, 64, 1259-1266.	1.5	13
45	Sensitive and precise HPLC method with back-extraction clean-up step for the determination of sildenafil in rat plasma and its application to a pharmacokinetic study. <i>Biomedical Chromatography</i> , 2015, 29, 1559-1566.	0.8	13
46	PK/PD studies on non-selective PDE inhibitors in rats using cAMP as a marker of pharmacological response. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2017, 390, 1047-1059.	1.4	13
47	Novel phosphodiesterases inhibitors from the group of purine-2,6-dione derivatives as potent modulators of airway smooth muscle cell remodelling. <i>European Journal of Pharmacology</i> , 2019, 865, 172779.	1.7	13
48	Sildenafil, a phosphodiesterase type 5 inhibitor, enhances the activity of two atypical antidepressant drugs, mianserin and tianeptine, in the forced swim test in mice. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2012, 38, 121-126.	2.5	12
49	A model for treating avian aspergillosis: serum and lung tissue kinetics for Japanese quail (<i>Coturnix</i>) Tj ETQq1 1 0.784314 rgBT /Overl suspension. <i>Medical Mycology</i> , 2013, 51, 800-810.	0.3	12
50	Comparative Assessment of the New PDE7 Inhibitor " GRMS-55 and Lisofylline in Animal Models of Immune-Related Disorders: A PK/PD Modeling Approach. <i>Pharmaceutical Research</i> , 2020, 37, 19.	1.7	12
51	Effects of classic antiseizure drugs on seizure activity and anxiety-like behavior in adult zebrafish. <i>Toxicology and Applied Pharmacology</i> , 2021, 415, 115429.	1.3	12
52	Sevoflurane increases fade of neuromuscular response to TOF stimulation following rocuronium administration in children. A PK/PD analysis. <i>Paediatric Anaesthesia</i> , 2007, 17, 637-646.	0.6	11
53	Chronic treatment with caffeine and its withdrawal modify the antidepressant-like activity of selective serotonin reuptake inhibitors in the forced swim and tail suspension tests in mice. Effects on Comt, Slc6a15 and Adora1 gene expression. <i>Toxicology and Applied Pharmacology</i> , 2017, 337, 95-103.	1.3	11
54	Influence of the CB1 and CB2 cannabinoid receptor ligands on the activity of atypical antidepressant drugs in the behavioural tests in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2020, 188, 172833.	1.3	11

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55	Synthesis and in vitro evaluation of anti-inflammatory, antioxidant, and anti-fibrotic effects of new 8-aminopurine-2,6-dione-based phosphodiesterase inhibitors as promising anti-asthmatic agents. <i>Biorganic Chemistry</i> , 2021, 117, 105409.	2.0	11
56	The influence of selective A1 and A2A receptor antagonists on the antidepressant-like activity of moclobemide, venlafaxine and bupropion in mice. <i>Journal of Pharmacy and Pharmacology</i> , 2018, 70, 1200-1208.	1.2	10
57	Ligands of the CB2 cannabinoid receptors augment activity of the conventional antidepressant drugs in the behavioural tests in mice. <i>Behavioural Brain Research</i> , 2020, 378, 112297.	1.2	10
58	Advances in the Discovery of PDE10A Inhibitors for CNS-Related Disorders. Part 2: Focus on Schizophrenia. <i>Current Drug Targets</i> , 2019, 20, 1652-1669.	1.0	10
59	Enantioselective analysis of ibuprofen enantiomers in mice plasma and tissues by high-performance liquid chromatography with fluorescence detection: Application to a pharmacokinetic study. <i>Chirality</i> , 2017, 29, 500-511.	1.3	9
60	Influence of the CB1 cannabinoid receptors on the activity of the monoaminergic system in the behavioural tests in mice. <i>Brain Research Bulletin</i> , 2019, 150, 179-185.	1.4	9
61	Effect of Pterostilbene, a Natural Analog of Resveratrol, on the Activity of some Antiepileptic Drugs in the Acute Seizure Tests in Mice. <i>Neurotoxicity Research</i> , 2019, 36, 859-869.	1.3	9
62	Effects of new antiseizure drugs on seizure activity and anxiety-like behavior in adult zebrafish. <i>Toxicology and Applied Pharmacology</i> , 2021, 427, 115655.	1.3	9
63	Approaches to pharmacokinetic/pharmacodynamic modeling during pregnancy. <i>Seminars in Perinatology</i> , 2001, 25, 124-132.	1.1	8
64	Physiologically based modeling of lisofylline pharmacokinetics following intravenous administration in mice. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2016, 41, 403-412.	0.6	8
65	Effect of sildenafil on the activity of some antidepressant drugs and electroconvulsive shock treatment in the forced swim test in mice. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2017, 390, 339-349.	1.4	8
66	Influence of the selective antagonist of the NR2B subunit of the NMDA receptor, traxoprodil, on the antidepressant-like activity of desipramine, paroxetine, milnacipran, and bupropion in mice. <i>Journal of Neural Transmission</i> , 2017, 124, 387-396.	1.4	8
67	Influence of the endocannabinoid system on the antidepressant activity of bupropion and moclobemide in the behavioural tests in mice. <i>Pharmacological Reports</i> , 2020, 72, 1562-1572.	1.5	8
68	Synthesis of 8-alkoxy-1,3-dimethyl-2, 6-dioxopurin-7-yl-substituted acetohydrazides and butanehydrazides as analgesic and anti-inflammatory agents. <i>Heterocyclic Communications</i> , 2015, 21, 273-278.	0.6	7
69	Traxoprodil augments the antidepressant-like activity of agomelatine but not of mianserin or tianeptine in the forced swim test in mice. <i>Pharmacological Reports</i> , 2016, 68, 960-963.	1.5	7
70	Characterization of the Brain Penetrant Neuropeptide Y Y2 Receptor Antagonist SF-11. <i>ACS Chemical Neuroscience</i> , 2019, 10, 3454-3463.	1.7	7
71	Pharmacokinetic modelling of pentoxifylline and lisofylline after oral and intravenous administration in mice. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 59, 495-501.	1.2	6
72	Withdrawal of caffeine after its chronic administration modifies the antidepressant-like activity of atypical antidepressants in mice. Changes in cortical expression of Comt, Slc6a15 and Adora1 genes. <i>Psychopharmacology</i> , 2018, 235, 2423-2434.	1.5	6

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73	Influence of inflammatory disorders on pharmacokinetics of lisofylline in rats: implications for studies in humans. <i>Xenobiotica</i> , 2019, 49, 1209-1220.	0.5	6
74	The impact of polymers on 3D microstructure and controlled release of sildenafil citrate from hydrophilic matrices. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 119, 234-243.	1.9	5
75	Multifunctional Arylsulfone and Arylsulfonamide-Based Ligands with Prominent Mood-Modulating Activity and Benign Safety Profile, Targeting Neuropsychiatric Symptoms of Dementia. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 12603-12629.	2.9	5
76	KM-416, a novel phenoxyalkylaminoalkanol derivative with anticonvulsant properties exerts analgesic, local anesthetic, and antidepressant-like activities. Pharmacodynamic, pharmacokinetic, and forced degradation studies. <i>European Journal of Pharmacology</i> , 2020, 886, 173540.	1.7	5
77	Identification of New Compounds with Anticonvulsant and Antinociceptive Properties in a Group of 3-substituted (2,5-dioxo-pyrrolidin-1-yl)(phenyl)-Acetamides. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13092.	1.8	5
78	Methods of estimation of IC50 and SC50 parameters for indirect response models from single dose data. <i>Journal of Pharmaceutical Sciences</i> , 2003, 92, 1438-1454.	1.6	4
79	Pharmacokinetic study of tianeptine and its active metabolite MC5 in rats following different routes of administration using a novel liquid chromatography tandem mass spectrometry analytical method. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2018, 391, 185-196.	1.4	4
80	PK/PD Modeling of the PDE7 Inhibitor GRMS-55 in a Mouse Model of Autoimmune Hepatitis. <i>Pharmaceutics</i> , 2021, 13, 597.	2.0	4
81	Pan-Phosphodiesterase Inhibitors Attenuate TGF- β 2-Induced Pro-Fibrotic Phenotype in Alveolar Epithelial Type II Cells by Downregulating Smad-2 Phosphorylation. <i>Pharmaceutics</i> , 2022, 15, 423.	1.7	4
82	Pharmacokinetic Interaction Between Verapamil and Methylxanthine Derivatives in Mice. <i>Drug Metabolism Letters</i> , 2010, 4, 15-24.	0.5	3
83	Pharmacokinetics and tissue distribution of the new non-imidazole histamine H3 receptor antagonist 1-[3-(4-tert-butylphenoxy) propyl]piperidine in rats. <i>Xenobiotica</i> , 2015, 45, 912-920.	0.5	3
84	Effect of Ellagic Acid on Seizure Threshold in Two Acute Seizure Tests in Mice. <i>Molecules</i> , 2021, 26, 4841.	1.7	3
85	A new class of 5-HT1A receptor antagonists with procognitive and antidepressant properties. <i>Future Medicinal Chemistry</i> , 2021, 13, 1497-1514.	1.1	2
86	Design and Synthesis of Novel Aminoalkanamides Targeting Neurodegeneration and Symptoms of Alzheimer's Disease. <i>Current Medicinal Chemistry</i> , 2021, 28, 6082-6094.	1.2	2
87	PK/PD Assessment of Selective Phosphodiesterase Inhibitors in a Mouse Model of Autoimmune Hepatitis. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2022, , JPET-AR-2021-001004.	1.3	2
88	Cytochrome P450 oxidoreductase genetic polymorphism and pantoprazole pharmacokinetics in healthy volunteers. <i>Pomeranian Journal of Life Sciences</i> , 2018, 64, .	0.1	1
89	Pharmacokinetic/Pharmacodynamic Evaluation of a New Purine-2,6-Dione Derivative in Rodents with Experimental Autoimmune Diseases. <i>Pharmaceutics</i> , 2022, 14, 1090.	2.0	1
90	Late Breaking Abstract - Anti-inflammatory and anti-fibrotic effect of novel, pan-PDE inhibitors in human bronchial epithelial cells. , 2020, , .		0