Elzbieta Wyska

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

85 papers	1,312 citations	19 h-index	31 g-index
93 ext. papers	1,591 ext. citations	4.1 avg, IF	4.62 L-index

#	Paper	IF	Citations
85	.. *Journal of Pharmacology and Experimental Therapeutics*, **2022**,	4.7	1
84	Pharmacokinetic/Pharmacodynamic Evaluation of a New Purine-2,6-Dione Derivative in Rodents with Experimental Autoimmune Diseases. *Pharmaceutics*, **2022**, 14, 1090	6.4	
83	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. *Bioorganic Chemistry*, **2021**, 117, 105409	5.1	0
82	Effects of classic antiseizure drugs on seizure activity and anxiety-like behavior in adult zebrafish. *Toxicology and Applied Pharmacology*, **2021**, 415, 115429	4.6	4
81	PK/PD Modeling of the PDE7 Inhibitor-GRMS-55 in a Mouse Model of Autoimmune Hepatitis. *Pharmaceutics*, **2021**, 13,	6.4	2
80	New imidazopyridines with phosphodiesterase 4 and 7 inhibitory activity and their efficacy in animal models of inflammatory and autoimmune diseases. *European Journal of Medicinal Chemistry*, **2021**, 209, 112854	6.8	7
79	Anticonvulsant effect of pterostilbene and its influence on the anxiety- and depression-like behavior in the pentetrazol-kindled mice: behavioral, biochemical, and molecular studies. *Psychopharmacology*, **2021**, 238, 3167-3181	4.7	2
78	Multifunctional Arylsulfone and Arylsulfonamide-Based Ligands with Prominent Mood-Modulating Activity and Benign Safety Profile, Targeting Neuropsychiatric Symptoms of Dementia. *Journal of Medicinal Chemistry*, **2021**, 64, 12603-12629	8.3	1
77	A new class of 5-HT receptor antagonists with procognitive and antidepressant properties. *Future Medicinal Chemistry*, **2021**, 13, 1497-1514	4.1	1
76	Effects of new antiseizure drugs on seizure activity and anxiety-like behavior in adult zebrafish. *Toxicology and Applied Pharmacology*, **2021**, 427, 115655	4.6	1
75	Design and Synthesis of Novel Aminoalkanamides Targeting Neurodegeneration and Symptoms of Alzheimer's Disease. *Current Medicinal Chemistry*, **2021**, 28, 6082-6094	4.3	2
74	Novel anilide and benzylamide derivatives of arylpiperazinylalkanoic acids as 5-HT/5-HT receptor antagonists and phosphodiesterase 4/7 inhibitors with procognitive and antidepressant activity. *European Journal of Medicinal Chemistry*, **2020**, 201, 112437	6.8	8
73	A Novel, Pan-PDE Inhibitor Exerts Anti-Fibrotic Effects in Human Lung Fibroblasts via Inhibition of TGF-β Signaling and Activation of cAMP/PKA Signaling. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	13
72	Influence of the endocannabinoid system on the antidepressant activity of bupropion and moclobemide in the behavioural tests in mice. *Pharmacological Reports*, **2020**, 72, 1562-1572	3.9	5
71	KM-416, a novel phenoxyalkylaminoalkanol derivative with anticonvulsant properties exerts analgesic, local anesthetic, and antidepressant-like activities. Pharmacodynamic, pharmacokinetic, and forced degradation studies. *European Journal of Pharmacology*, **2020**, 886, 173540	5.3	0
70	Comparative Assessment of the New PDE7 Inhibitor - GRMS-55 and Lisofylline in Animal Models of Immune-Related Disorders: A PK/PD Modeling Approach. *Pharmaceutical Research*, **2020**, 37, 19	4.5	9
69	Influence of the CB and CB cannabinoid receptor ligands on the activity of atypical antidepressant drugs in the behavioural tests in mice. *Pharmacology Biochemistry and Behavior*, **2020**, 188, 172833	3.9	7

68	Discovery of Novel pERK1/2- or Arrestin-Preferring 5-HT Receptor-Biased Agonists: Diversified Therapeutic-like versus Side Effect Profile. *Journal of Medicinal Chemistry*, **2020**, 63, 10946-10971	8.3	6
67	Ligands of the CB2 cannabinoid receptors augment activity of the conventional antidepressant drugs in the behavioural tests in mice. *Behavioural Brain Research*, **2020**, 378, 112297	3.4	8
66	Pharmacokinetic considerations for current state-of-the-art antidepressants. *Expert Opinion on Drug Metabolism and Toxicology*, **2019**, 15, 831-847	5.5	11
65	Anticonvulsant Activity of Pterostilbene in Zebrafish and Mouse Acute Seizure Tests. *Neurochemical Research*, **2019**, 44, 1043-1055	4.6	20
64	Novel Aryloxyethyl Derivatives of 1-(1-Benzoylpiperidin-4-yl)methanamine as the Extracellular Regulated Kinases 1/2 (ERK1/2) Phosphorylation-Preferring Serotonin 5-HT Receptor-Biased Agonists with Robust Antidepressant-like Activity. *Journal of Medicinal Chemistry*, **2019**, 62, 2750-2771	8.3	14
63	Characterization of the Brain Penetrant Neuropeptide Y Y2 Receptor Antagonist SF-11. *ACS Chemical Neuroscience*, **2019**, 10, 3454-3463	5.7	2
62	Influence of the CB cannabinoid receptors on the activity of the monoaminergic system in the behavioural tests in mice. *Brain Research Bulletin*, **2019**, 150, 179-185	3.9	6
61	Agomelatine and tianeptine antidepressant activity in mice behavioral despair tests is enhanced by DMPX, a selective adenosine A receptor antagonist, but not DPCPX, a selective adenosine A receptor antagonist. *Pharmacological Reports*, **2019**, 71, 676-681	3.9	10
60	Effect of Pterostilbene, a Natural Analog of Resveratrol, on the Activity of some Antiepileptic Drugs in the Acute Seizure Tests in Mice. *Neurotoxicity Research*, **2019**, 36, 859-869	4.3	5
59	Acute effect of cannabidiol on the activity of various novel antiepileptic drugs in the maximal electroshock- and 6 Hz-induced seizures in mice: Pharmacodynamic and pharmacokinetic studies. *Neuropharmacology*, **2019**, 158, 107733	5.5	14
58	Advances in Discovery of PDE10A Inhibitors for CNS-Related Disorders. Part 1: Overview of the Chemical and Biological Research. *Current Drug Targets*, **2019**, 20, 122-143	3	14
57	Advances in the Discovery of PDE10A Inhibitors for CNS-Related Disorders. Part 2: Focus on Schizophrenia. *Current Drug Targets*, **2019**, 20, 1652-1669	3	8
56	Novel phosphodiesterases inhibitors from the group of purine-2,6-dione derivatives as potent modulators of airway smooth muscle cell remodelling. *European Journal of Pharmacology*, **2019**, 865, 172779	5.3	7
55	Influence of inflammatory disorders on pharmacokinetics of lisofylline in rats: implications for studies in humans. *Xenobiotica*, **2019**, 49, 1209-1220	2	5
54	Antidepressant-Like Activity of Typical Antidepressant Drugs in the Forced Swim Test and Tail Suspension Test in Mice Is Augmented by DMPX, an Adenosine A Receptor Antagonist. *Neurotoxicity Research*, **2019**, 35, 344-352	4.3	16
53	Effect of Tadalafil on Seizure Threshold and Activity of Antiepileptic Drugs in Three Acute Seizure Tests in Mice. *Neurotoxicity Research*, **2018**, 34, 333-346	4.3	8
52	The impact of polymers on 3D microstructure and controlled release of sildenafil citrate from hydrophilic matrices. *European Journal of Pharmaceutical Sciences*, **2018**, 119, 234-243	5.1	4
51	Novel butanehydrazide derivatives of purine-2,6-dione as dual PDE4/7 inhibitors with potential anti-inflammatory activity: Design, synthesis and biological evaluation. *European Journal of Medicinal Chemistry*, **2018**, 146, 381-394	6.8	23

50	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. *Naunyn-Schmiedebergs Archives of Pharmacology*, **2018**, 391, 185-196	3.4	3
49	DPCPX, a selective adenosine A1 receptor antagonist, enhances the antidepressant-like effects of imipramine, escitalopram, and reboxetine in mice behavioral tests. *Naunyn-Schmiedebergs Archives of Pharmacology*, **2018**, 391, 1361-1371	3.4	10
48	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. *Psychopharmacology*, **2018**, 235, 2423-2434	4.7	5
47	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. *European Journal of Medicinal Chemistry*, **2018**, 158, 517-533	6.8	19
46	The influence of selective A1 and A2A receptor antagonists on the antidepressant-like activity of moclobemide, venlafaxine and bupropion in mice. *Journal of Pharmacy and Pharmacology*, **2018**, 70, 1200-1208	4.8	5
45	Increased seizure susceptibility and other toxicity symptoms following acute sulforaphane treatment in mice. *Toxicology and Applied Pharmacology*, **2017**, 326, 43-53	4.6	21
44	In vitro and in vivo behavior of ground tadalafil hot-melt extrudates: How the carrier material can effectively assure rapid or controlled drug release. *International Journal of Pharmaceutics*, **2017**, 528, 498-510	6.5	19
43	Effect of sildenafil on the activity of some antidepressant drugs and electroconvulsive shock treatment in the forced swim test in mice. *Naunyn-Schmiedebergs Archives of Pharmacology*, **2017**, 390, 339-349	3.4	5
42	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. *Journal of Neural Transmission*, **2017**, 124, 387-396	4.3	4
41	PK/PD studies on non-selective PDE inhibitors in rats using cAMP as a marker of pharmacological response. *Naunyn-Schmiedebergs Archives of Pharmacology*, **2017**, 390, 1047-1059	3.4	11
40	Enantioselective analysis of ibuprofen enantiomers in mice plasma and tissues by high-performance liquid chromatography with fluorescence detection: Application to a pharmacokinetic study. *Chirality*, **2017**, 29, 500-511	2.1	5
39	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. *Toxicology and Applied Pharmacology*, **2017**, 337, 95-103	4.6	8
38	Novel, highly potent and in vivo active inhibitor of GABA transporter subtype 1 with anticonvulsant, anxiolytic, antidepressant and antinociceptive properties. *Neuropharmacology*, **2017**, 113, 331-342	5.5	27
37	PDE7-Selective and Dual Inhibitors: Advances in Chemical and Biological Research. *Current Medicinal Chemistry*, **2017**, 24, 673-700	4.3	31
36	Caffeine augments the antidepressant-like activity of mianserin and agomelatine in forced swim and tail suspension tests in mice. *Pharmacological Reports*, **2016**, 68, 56-61	3.9	26
35	High-Energy Ball Milling as Green Process To Vitrify Tadalafil and Improve Bioavailability. *Molecular Pharmaceutics*, **2016**, 13, 3891-3902	5.6	31
34	Traxoprodil augments the antidepressant-like activity of agomelatine but not of mianserin or tianeptine in the forced swim test in mice. *Pharmacological Reports*, **2016**, 68, 960-3	3.9	5
33	Antidepressant-like activity of sildenafil following acute and subchronic treatment in the forced swim test in mice: effects of restraint stress and monoamine depletion. *Metabolic Brain Disease*, **2016**, 31, 1095-104	3.9	11

32	Physiologically based modeling of lisofylline pharmacokinetics following intravenous administration in mice. *European Journal of Drug Metabolism and Pharmacokinetics*, **2016**, 41, 403-12	2.7	8
31	Caffeine enhances the antidepressant-like activity of common antidepressant drugs in the forced swim test in mice. *Naunyn-Schmiedebergs Archives of Pharmacology*, **2016**, 389, 211-21	3.4	36
30	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. *Metabolic Brain Disease*, **2016**, 31, 803-14	3.9	15
29	The influence of caffeine on the activity of moclobemide, venlafaxine, bupropion and milnacipran in the forced swim test in mice. *Life Sciences*, **2015**, 136, 13-8	6.8	15
28	Activity and Safety of Inhaled Itraconazole Nanosuspension in a Model Pulmonary Aspergillus fumigatus Infection in Inoculated Young Quails. *Mycopathologia*, **2015**, 180, 35-42	2.9	14
27	Pharmacokinetics and tissue distribution of the new non-imidazole histamine H3 receptor antagonist 1-[3-(4-tert-butylphenoxy) propyl]piperidine in rats. *Xenobiotica*, **2015**, 45, 912-20	2	3
26	Synthesis of 8-alkoxy-1,3-dimethyl-2, 6-dioxopurin-7-yl-substituted acetohydrazides and butanehydrazides as analgesic and anti-inflammatory agents. *Heterocyclic Communications*, **2015**, 21, 273-278	1.7	5
25	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. *Biomedical Chromatography*, **2015**, 29, 1559-66	1.7	10
24	Antiallodynic 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. *Pharmacology Biochemistry and Behavior*, **2014**, 122, 173-81	3.9	42
23	Population pharmacokinetic analysis of ciprofloxacin in the elderly patients with lower respiratory tract infections. *Experimental Gerontology*, **2014**, 57, 107-13	4.5	13
22	Inhalable highly concentrated itraconazole nanosuspension for the treatment of bronchopulmonary aspergillosis. *European Journal of Pharmaceutics and Biopharmaceutics*, **2013**, 83, 44-53	5.7	41
21	A model for treating avian aspergillosis: serum and lung tissue kinetics for Japanese quail (Coturnix japonica) following single and multiple aerosol exposures of a nanoparticulate itraconazole suspension. *Medical Mycology*, **2013**, 51, 800-10	3.9	7
20	Sildenafil, a phosphodiesterase type 5 inhibitor, reduces antidepressant-like activity of paroxetine in the forced swim test in mice. *Pharmacological Reports*, **2012**, 64, 1259-66	3.9	11
19	Sildenafil, a phosphodiesterase type 5 inhibitor, enhances the activity of two atypical antidepressant drugs, mianserin and tianeptine, in the forced swim test in mice. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2012**, 38, 121-6	5.5	11
18	Influence of sildenafil on the antidepressant activity of bupropion and venlafaxine in the forced swim test in mice. *Pharmacology Biochemistry and Behavior*, **2012**, 103, 273-8	3.9	13
17	CYP2C19 polymorphism affects single-dose pharmacokinetics of oral pantoprazole in healthy volunteers. *European Journal of Clinical Pharmacology*, **2012**, 68, 1267-74	2.8	39
16	Sildenafil, a phosphodiesterase type 5 inhibitor, enhances the antidepressant activity of amitriptyline but not desipramine, in the forced swim test in mice. *Journal of Neural Transmission*, **2012**, 119, 645-52	4.3	15
15	Pharmacokinetic-pharmacodynamic modeling of methylxanthine derivatives in mice challenged with high-dose lipopolysaccharide. *Pharmacology*, **2010**, 85, 264-71	2.3	15

14	Pharmacokinetic interaction between verapamil and methylxanthine derivatives in mice. *Drug Metabolism Letters*, **2010**, 4, 15-24	2.1	3
13	Pharmacokinetic-pharmacodynamic modeling of levodopa in patients with advanced Parkinson disease. *Clinical Neuropharmacology*, **2010**, 33, 135-41	1.4	21
12	Pretreatment with R(+)-verapamil significantly reduces mortality and cytokine expression in murine model of septic shock. *International Immunopharmacology*, **2009**, 9, 478-90	5.8	15
11	Pharmacokinetics and pharmacodynamics of erythropoietin receptor in healthy volunteers. *Naunyn-Schmiedebergs Archives of Pharmacology*, **2008**, 377, 637-45	3.4	25
10	Pharmacokinetic modelling of pentoxifylline and lisofylline after oral and intravenous administration in mice. *Journal of Pharmacy and Pharmacology*, **2007**, 59, 495-501	4.8	5
9	Sevoflurane increases fade of neuromuscular response to TOF stimulation following rocuronium administration in children. A PK/PD analysis. *Paediatric Anaesthesia*, **2007**, 17, 637-46	1.8	9
8	Interconversion and tissue distribution of pentoxifylline and lisofylline in mice. *Chirality*, **2006**, 18, 644-51	2.1	15
7	Pharmacokinetic-pharmacodynamic relationship of rocuronium under stable nitrous oxide-fentanyl or nitrous oxide-sevoflurane anesthesia in children. *Paediatric Anaesthesia*, **2006**, 16, 761-8	1.8	14
6	Immobility stress induces depression-like behavior in the forced swim test in mice: effect of magnesium and imipramine. *Pharmacological Reports*, **2006**, 58, 746-52	3.9	37
5	Enhancement of antidepressant-like activity by joint administration of imipramine and magnesium in the forced swim test: Behavioral and pharmacokinetic studies in mice. *Pharmacology Biochemistry and Behavior*, **2005**, 81, 524-9	3.9	34
4	Diversity of mechanism-based pharmacodynamic models. *Drug Metabolism and Disposition*, **2003**, 31, 510-8	4	286
3	Methods of estimation of IC50 and SC50 parameters for indirect response models from single dose data. *Journal of Pharmaceutical Sciences*, **2003**, 92, 1438-54	3.9	4
2	Pharmacokinetic interaction between imipramine and carbamazepine in patients with major depression. *Psychopharmacology*, **2001**, 154, 38-42	4.7	30
1	Approaches to pharmacokinetic/ pharmacodynamic modeling during pregnancy. *Seminars in Perinatology*, **2001**, 25, 124-32	3.3	8