## Krzysztof Pociecha

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	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.	5.5	37
2	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, 4008.	4.1	28
3	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.	5.5	27
4	Novel Aryloxyethyl Derivatives of 1-(1-Benzoylpiperidin-4-yl)methanamine as the Extracellular Regulated Kinases 1/2 (ERK1/2) Phosphorylation-Preferring Serotonin 5-HT <sub>1A</sub> Receptor-Biased Agonists with Robust Antidepressant-like Activity. Journal of Medicinal Chemistry, 2019, 62, 2750-2771.	6.4	21
5	Novel anilide and benzylamide derivatives of arylpiperazinylalkanoic acids as 5-HT1A/5-HT7 receptor antagonists and phosphodiesterase 4/7 inhibitors with procognitive and antidepressant activity. European Journal of Medicinal Chemistry, 2020, 201, 112437.	5.5	19
6	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.	5.5	16
7	Sensitive and precise HPLC method with backâ€extraction cleanâ€up step for the determination of sildenafil in rat plasma and its application to a pharmacokinetic study. Biomedical Chromatography, 2015, 29, 1559-1566.	1.7	13
8	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.	3.5	13
9	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.	3.5	12
10	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.	4.1	11
11	Physiologically based modeling of lisofylline pharmacokinetics following intravenous administration in mice. European Journal of Drug Metabolism and Pharmacokinetics, 2016, 41, 403-412.	1.6	8
12	Beneficial effects of non-quinazoline α1-adrenolytics on hypertension and altered metabolism in fructose-fed rats. AÂcomparison with prazosin. Nutrition, Metabolism and Cardiovascular Diseases, 2019, 29, 751-760.	2.6	8
13	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.	1.2	7
14	Influence of inflammatory disorders on pharmacokinetics of lisofylline in rats: implications for studies in humans. Xenobiotica, 2019, 49, 1209-1220.	1.1	6
15	Metabolic benefits of novel histamine H3 receptor ligands in the model of excessive eating: The importance of intrinsic activity and pharmacokinetic properties. Biomedicine and Pharmacotherapy, 2021, 142, 111952.	5.6	6
16	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.	4.0	5
17	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.	3.5	5
18	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-Schmiedeberg's Archives of Pharmacology, 2018, 391, 185-196.	3.0	4

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19	Pan-Phosphodiesterase Inhibitors Attenuate TGF-β-Induced Pro-Fibrotic Phenotype in Alveolar Epithelial Type II Cells by Downregulating Smad-2 Phosphorylation. Pharmaceuticals, 2022, 15, 423.	3.8	4
20	Histamine H3 Receptor Ligands—KSK-59 and KSK-73—Reduce Body Weight Gain in a Rat Model of Excessive Eating. Pharmaceuticals, 2021, 14, 1080.	3.8	3
21	A new class of 5-HT1A receptor antagonists with procognitive and antidepressant properties. Future Medicinal Chemistry, 2021, 13, 1497-1514.	2.3	2
22	Design and Synthesis of Novel Aminoalkanamides Targeting Neurodegeneration and Symptoms of Alzheimer's Disease. Current Medicinal Chemistry, 2021, 28, 6082-6094.	2.4	2
23	Pharmacokinetic/Pharmacodynamic Evaluation of a New Purine-2,6-Dione Derivative in Rodents with Experimental Autoimmune Diseases. Pharmaceutics, 2022, 14, 1090.	4.5	1