Nikola Pluym

List of Publications by Year
in descending order

33	500	759233 12	752698 20
papers	citations	h-index	g-index

34	34	34	571
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	G protein-coupled receptors function as logic gates for nanoparticle binding and cell uptake. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 10667-10672.	7.1	51
2	Analysis of 18 urinary mercapturic acids by two high-throughput multiplex-LC-MS/MS methods. Analytical and Bioanalytical Chemistry, 2015, 407, 5463-5476.	3.7	50
3	Polycyclic aromatic hydrocarbons (PAH) in urine of children and adolescents in Germany â€“ human biomonitoring results of the German Environmental Survey 2014â€“2017 (GerES V). International Journal of Hygiene and Environmental Health, 2020, 226, 113491.	4.3	48
4	Red-fluorescent argininamide-type NPY Y1 receptor antagonists as pharmacological tools. Bioorganic and Medicinal Chemistry, 2011, 19, 2859-2878.	3.0	42
5	Benzene metabolite SPMA and acrylamide metabolites AAMA and GAMA in urine of children and adolescents in Germany â€“ human biomonitoring results of the German Environmental Survey 2014â€“2017 (GerES V). Environmental Research, 2021, 192, 110295.	7.5	29
6	A fully validated GC-TOF-MS method for the quantification of fatty acids revealed alterations in the metabolic profile of fatty acids after smoking cessation. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2017, 1041-1042, 141-150.	2.3	23
7	Application of the Guanidineâ€“Acylguanidine Bioisosteric Approach to Argininamideâ€Type NPY Y₂ Receptor Antagonists. ChemMedChem, 2011, 6, 1727-1738.	3.2	19
8	Biomarkers of Exposure Specific to E-vapor Products Based on Stable-Isotope Labeled Ingredients. Nicotine and Tobacco Research, 2019, 21, 314-322.	2.6	17
9	Metabolomic Fingerprinting in Various Body Fluids of a Diet-Controlled Clinical Smoking Cessation Study Using a Validated GC-TOF-MS Metabolomics Platform. Journal of Proteome Research, 2017, 16, 3491-3503.	3.7	16
10	Human metabolism and excretion kinetics of the fragrance lysmeral after a single oral dosage. International Journal of Hygiene and Environmental Health, 2017, 220, 123-129.	4.3	16
11	Collaborative Method Performance Study of the Measurement of Nicotine, Its Metabolites, and Total Nicotine Equivalents in Human Urine. Cancer Epidemiology Biomarkers and Prevention, 2018, 27, 1083-1090.	2.5	15
12	Analysis of chemical deposits on tooth enamel exposed to total particulate matter from cigarette smoke and tobacco heating system 2.2 aerosol by novel GCâ€“MS deconvolution procedures. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2020, 1152, 122228.	2.3	15
13	Analysis of Urinary Eicosanoids by LCâ€“MS/MS Reveals Alterations in the Metabolic Profile after Smoking Cessation. Chemical Research in Toxicology, 2018, 31, 176-182.	3.3	13
14	Metabolites of the fragrance 2-(4-tert-butylbenzyl)propionaldehyde (lysmeral) in urine of children and adolescents in Germany â€“ Human biomonitoring results of the German Environmental Survey 2014â€“2017 (GerES V). International Journal of Hygiene and Environmental Health, 2020, 229, 113594.	4.3	12
15	Identification of biomarkers specific to five different nicotine product user groups: Study protocol of a controlled clinical trial. Contemporary Clinical Trials Communications, 2021, 22, 100794.	1.1	12
16	A Sensitive LCâ€“MS/MS Method for the Quantification of 3-Hydroxybenzo[a]pyrene in Urine-Exposure Assessment in Smokers and Users of Potentially Reduced-Risk Products. Separations, 2021, 8, 171.	2.4	11
17	Assessment of the Exposure to Tobacco-Specific Nitrosamines and Minor Tobacco Alkaloids in Users of Various Tobacco/Nicotine Products. Chemical Research in Toxicology, 2022, 35, 684-693.	3.3	11
18	[³H]URâ€PLN196: A Selective Nonpeptide Radioligand and Insurmountable Antagonist for the Neuropeptideâ€…Y Y₂â€…Receptor. ChemMedChem, 2013, 8, 587-593.	3.2	10

#	Article	IF	Citations
19	Human metabolism and excretion kinetics of the fragrance 7-hydroxycitronellal after a single oral or dermal dosage. International Journal of Hygiene and Environmental Health, 2018, 221, 239-245.	4.3	9
20	A liquid chromatography-tandem mass spectrometry (LC-MS/MS) method for the human biomonitoring of non-occupational exposure to the fragrance 2-(4-tert-butylbenzyl)propionaldehyde (lysmeral). Analytical and Bioanalytical Chemistry, 2016, 408, 5873-5882.	3.7	8
21	Assessment of the potential vaping-related exposure to carbonyls and epoxides using stable isotope-labeled precursors in the e-liquid. Archives of Toxicology, 2021, 95, 2667-2676.	4.2	8
22	Human biomonitoring in urine samples from the Environmental Specimen Bank reveals a decreasing trend over time in the exposure to the fragrance chemical lysmeral from 2000 to 2018. Chemosphere, 2021, 265, 128955.	8.2	7
23	1,2-Propylene Glycol: A Biomarker of Exposure Specific to e-Cigarette Consumption. Separations, 2021, 8, 180.	2.4	7
24	Biomonitoring data on young adults from the Environmental Specimen Bank suggest a decrease in the exposure to the fragrance chemical 7-hydroxycitronellal in Germany from 2000 to 2018. International Journal of Hygiene and Environmental Health, 2020, 227, 113508.	4.3	6
25	A novel quantification method for sulfur-containing biomarkers of formaldehyde and acetaldehyde exposure in human urine and plasma samples. Analytical and Bioanalytical Chemistry, 2020, 412, 7535-7546.	3.7	6
26	Development of a human biomonitoring method for assessing the exposure to ethoxyquin in the general population. Archives of Toxicology, 2020, 94, 4209-4217.	4.2	6
27	Assessment of nicotine delivery and uptake in users of various tobacco/nicotine products. Current Research in Toxicology, 2022, 3, 100067.	2.7	6
28	Assessment of the Exposure to NNN in the Plasma of Smokeless Tobacco Users. Chemical Research in Toxicology, 2022, 35, 663-669.	3.3	6
29	A validated UPLCâ€“MS/MS method for biomonitoring the exposure to the fragrance 7-hydroxycitronellal. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2017, 1068-1069, 261-267.	2.3	5
30	Intake and Uptake of Chemicals Upon Use of Various Tobacco/Nicotine Products: Can Users be Differentiated by Single or Combinations of Biomarkers?. Contributions To Tobacco and Nicotine Research, 2021, 30, 167-198.	0.4	5
31	A validated UPLC-MS/MS method for the determination of urinary metabolites of UvinulÂ® A plus. Analytical and Bioanalytical Chemistry, 2019, 411, 8143-8152.	3.7	4
32	Time trend of the exposure to geraniol in 24-h urine samples derived from the German Environmental Specimen Bank from 2004 to 2018. International Journal of Hygiene and Environmental Health, 2022, 239, 113880.	4.3	4
33	Human metabolism and urinary excretion kinetics of the UV filter Uvinul A plusÂ® after a single oral or dermal dosage. International Journal of Hygiene and Environmental Health, 2020, 227, 113509.	4.3	3