

Rainer Otter

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

287
citations

1040056

9
h-index

888059

17
g-index

20
all docs

20
docs citations

20
times ranked

395
citing authors

#	ARTICLE	IF	CITATIONS
1	Metabolism and urinary excretion kinetics of di(2-ethylhexyl) terephthalate (DEHTP) in three male volunteers after oral dosage. <i>Archives of Toxicology</i> , 2016, 90, 1659-1667.	4.2	52
2	Exploratory in vitro study of red blood cell storage containers formulated with an alternative plasticizer. <i>Transfusion</i> , 2012, 52, 1439-1445.	1.6	39
3	Additional oxidized and alkyl chain breakdown metabolites of the plasticizer DINCH in urine after oral dosage to human volunteers. <i>Archives of Toxicology</i> , 2017, 91, 179-188.	4.2	32
4	Toxicity of Hexamoll® DINCH® following intravenous administration. <i>Toxicology Letters</i> , 2015, 238, 100-109.	0.8	30
5	Metabolism and urinary excretion kinetics of di(2-ethylhexyl) adipate (DEHA) in four human volunteers after a single oral dose. <i>Toxicology Letters</i> , 2020, 321, 95-102.	0.8	30
6	Green Chemistry and the Search for New Plasticizers. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 2078-2085.	6.7	24
7	A review of common non-ortho-phthalate plasticizers for use in food contact materials. <i>Food and Chemical Toxicology</i> , 2022, 164, 112984.	3.6	20
8	Systematic comparison of the male reproductive tract in fetal and adult Wistar rats exposed to DBP and DINP in utero during the masculinisation programming window. <i>Toxicology Letters</i> , 2020, 335, 37-50.	0.8	11
9	Hexamoll® DINCH: Lack of in vivo evidence for obesogenic properties. <i>Toxicology Letters</i> , 2018, 288, 99-110.	0.8	9
10	Development of a physiologically based pharmacokinetic model of diisononyl phthalate (DiNP) in pregnant rat and human. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2020, 83, 631-648.	2.3	8
11	The publication "Cyclohexane-1,2-dicarboxylic acid diisononyl ester and metabolite effects on rat epididymal stromal vascular fraction differentiation of adipose tissue" by Enrico Campioli, Tam B. Duong, François Deschamps, Vassilios Papadopoulos, <i>Environmental Research</i> 140 (2015), 145-156, merits some critical comments. <i>Environmental Research</i> , 2016, 144, 165-166.	7.5	6
12	Reproducibility discrepancies following reanalysis of raw data for a previously published study on diisononyl phthalate (DINP) in rats. <i>Data in Brief</i> , 2017, 13, 208-213.	1.0	5
13	Towards bio-based plasticizers with reduced toxicity: Synthesis and performance testing of a 3-methylphthalate. <i>Sustainable Chemistry and Pharmacy</i> , 2020, 18, 100319.	3.3	5
14	Structure-Performance Guided Design of Sustainable Plasticizers from Biorenewable Feedstocks. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 6086-6096.	2.4	5
15	FTIR based kinetic characterisation of an acid-catalysed esterification of 3-methylphthalic anhydride and 2-ethylhexanol. <i>Analytical Methods</i> , 2020, 12, 3137-3144.	2.7	4
16	Human metabolism and urinary excretion kinetics of di-n-butyl adipate (DnBA) after oral and dermal administration in three volunteers. <i>Toxicology Letters</i> , 2021, 343, 11-20.	0.8	3
17	Letter to the Editor Regarding Albert O. et al. (2017). Identifying Greener and Safer Plasticizers: A Four-Step Approach. <i>Toxicological Sciences</i> , 2018, 166, 243-244.	3.1	2
18	Quantitative investigation of the urinary excretion of three specific monoester metabolites of the plasticizer diisononyl adipate (DINA). <i>EXCLI Journal</i> , 2021, 20, 412-425.	0.7	2

#	ARTICLE	IF	CITATIONS
19	Comment on Bernard et al. Association between Urinary Metabolites and the Exposure of Intensive Care Newborns to Plasticizers of Medical Devices Used for Their Care Management. <i>Metabolites</i> 2021, 11, 252. <i>Metabolites</i> , 2021, 11, 596.	2.9	0