

Hanno C Erythropel

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8829497/publications.pdf>

Version: 2024-02-01

32
papers

2,510
citations

393982

19
h-index

454577

30
g-index

34
all docs

34
docs citations

34
times ranked

3133
citing authors

#	ARTICLE	IF	CITATIONS
1	Designing for a green chemistry future. <i>Science</i> , 2020, 367, 397-400.	6.0	645
2	The Green ChemistREE: 20 years after taking root with the 12 principles. <i>Green Chemistry</i> , 2018, 20, 1929-1961.	4.6	499
3	Leaching of the plasticizer di(2-ethylhexyl)phthalate (DEHP) from plastic containers and the question of human exposure. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 9967-9981.	1.7	316
4	Formation of flavorantâ€“propylene Glycol Adducts With Novel Toxicological Properties in Chemically Unstable E-Cigarette Liquids. <i>Nicotine and Tobacco Research</i> , 2019, 21, 1248-1258.	1.4	139
5	How Green is Your Plasticizer?. <i>Polymers</i> , 2018, 10, 834.	2.0	102
6	Designing green plasticizers: Influence of molecule geometry and alkyl chain length on the plasticizing effectiveness of diester plasticizers in PVC blends. <i>Polymer</i> , 2016, 89, 18-27.	1.8	100
7	Base supported ionic liquid-like phases as catalysts for the batch and continuous-flow Henry reaction. <i>Green Chemistry</i> , 2008, 10, 401.	4.6	83
8	Designing green plasticizers: Influence of molecular geometry on biodegradation and plasticization properties. <i>Chemosphere</i> , 2012, 86, 759-766.	4.2	69
9	Effects of di-(2-ethylhexyl) phthalate and four of its metabolites on steroidogenesis in MA-10 cells. <i>Ecotoxicology and Environmental Safety</i> , 2012, 79, 108-115.	2.9	66
10	Designing green plasticizers: Influence of alkyl chain length on biodegradation and plasticization properties of succinate based plasticizers. <i>Chemosphere</i> , 2013, 91, 358-365.	4.2	60
11	In vitro functional screening as a means to identify new plasticizers devoid of reproductive toxicity. <i>Environmental Research</i> , 2016, 150, 496-512.	3.7	58
12	Chemical Adducts of Reactive Flavor Aldehydes Formed in E-Cigarette Liquids Are Cytotoxic and Inhibit Mitochondrial Function in Respiratory Epithelial Cells. <i>Nicotine and Tobacco Research</i> , 2020, 22, S25-S34.	1.4	42
13	Toxicogenomic Screening of Replacements for Di(2-Ethylhexyl) Phthalate (DEHP) Using the Immortalized TM4 Sertoli Cell Line. <i>PLoS ONE</i> , 2015, 10, e0138421.	1.1	39
14	Flavorantâ€“Solvent Reaction Products and Menthol in JUUL E-Cigarettes and Aerosol. <i>American Journal of Preventive Medicine</i> , 2019, 57, 425-427.	1.6	39
15	Designing greener plasticizers: Effects of alkyl chain length and branching on the biodegradation of maleate based plasticizers. <i>Chemosphere</i> , 2015, 134, 106-112.	4.2	38
16	Differences in flavourant levels and synthetic coolant use between USA, EU and Canadian Juul products. <i>Tobacco Control</i> , 2021, 30, 453-455.	1.8	34
17	Synthetic Cooling Agents in US-marketed E-cigarette Refill Liquids and Popular Disposable E-cigarettes: Chemical Analysis and Risk Assessment. <i>Nicotine and Tobacco Research</i> , 2022, 24, 1037-1046.	1.4	31
18	Rheology of Green Plasticizer/Poly(vinyl chloride) Blends via Timeâ€“Temperature Superposition. <i>Processes</i> , 2017, 5, 43.	1.3	21

#	ARTICLE	IF	CITATIONS
19	The effect of sucralose on flavor sweetness in electronic cigarettes varies between delivery devices. PLoS ONE, 2017, 12, e0185334.	1.1	20
20	Fully Renewable, Effective, and Highly Biodegradable Plasticizer: Di-n-heptyl Succinate. ACS Sustainable Chemistry and Engineering, 2020, 8, 12409-12418.	3.2	19
21	Influence of menthol and green apple e-liquids containing different nicotine concentrations among youth e-cigarette users.. Experimental and Clinical Psychopharmacology, 2021, 29, 355-365.	1.3	16
22	Designing Green Plasticizers: Linear Alkyl Diol Dibenzoate Plasticizers and a Thermally Reversible Plasticizer. Polymers, 2018, 10, 646.	2.0	15
23	Presence of High-Intensity Sweeteners in Popular Cigarillos of Varying Flavor Profiles. JAMA - Journal of the American Medical Association, 2018, 320, 1380.	3.8	13
24	Comparative Rapid Toxicity Screening of Commercial and Potential "Green" Plasticizers Using Bioluminescent Bacteria. Industrial & Engineering Chemistry Research, 2012, 51, 11555-11560.	1.8	11
25	Quantification of Flavorants and Nicotine in Waterpipe Tobacco and Mainstream Smoke and Comparison to E-cigarette Aerosol. Nicotine and Tobacco Research, 2021, 23, 600-604.	1.4	8
26	Greener Methodology: An Aldol Condensation of an Unprotected C-Glycoside with Solid Base Catalysts. ACS Sustainable Chemistry and Engineering, 2018, 6, 7810-7817.	3.2	7
27	Exploration of a Novel, Enamine-Solid-Base Catalyzed Aldol Condensation with C-Glycosidic Pyranoses and Furanoses. ACS Sustainable Chemistry and Engineering, 2018, 6, 11196-11199.	3.2	5
28	What to Expect When Expecting in Lab: A Review of Unique Risks and Resources for Pregnant Researchers in the Chemical Laboratory. Chemical Research in Toxicology, 2022, 35, 163-198.	1.7	5
29	Emerging ENDS products and challenges in tobacco control toxicity research. Tobacco Control, 2024, 33, 110-115.	1.8	2
30	Heterogeneous copper-catalyzed direct reduction of C-glycosidic enones to saturated alcohols in water. Green Chemistry, 2019, 21, 238-244.	4.6	0
31	Late Breaking Abstract - Differences in flavorant levels and synthetic coolant use between USA, EU and Canadian Juul products. , 2020, , .		0
32	Flavor-solvent reaction products in electronic cigarette liquids activate respiratory irritant receptors and elicit cytotoxic metabolic responses in airway epithelial cell. , 2020, , .		0