

Claude C Grigsby

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

474
citations

840776

11
h-index

1058476

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14
all docs

14
docs citations

14
times ranked

694
citing authors

#	ARTICLE	IF	CITATIONS
1	Achievements and Challenges for Real-Time Sensing of Analytes in Sweat within Wearable Platforms. <i>Accounts of Chemical Research</i> , 2019, 52, 297-306.	15.6	113
2	Storage stability of exhaled breath on Tenax TA. <i>Journal of Breath Research</i> , 2016, 10, 046008.	3.0	59
3	Differential binding between volatile ligands and major urinary proteins due to genetic variation in mice. <i>Physiology and Behavior</i> , 2012, 107, 112-120.	2.1	58
4	Biomarkers and Detection Platforms for Human Health and Performance Monitoring: A Review. <i>Advanced Science</i> , 2022, 9, e2104426.	11.2	48
5	The identification of hypoxia biomarkers from exhaled breath under normobaric conditions. <i>Journal of Breath Research</i> , 2015, 9, 047103.	3.0	35
6	Chemically Enhanced Polymer-Coated Carbon Nanotube Electronic Gas Sensor for Isopropyl Alcohol Detection. <i>ACS Omega</i> , 2018, 3, 6230-6236.	3.5	32
7	Evaluation of Bio-VOC Sampler for Analysis of Volatile Organic Compounds in Exhaled Breath. <i>Metabolites</i> , 2014, 4, 879-888.	2.9	26
8	Changes in volatile compounds of mouse urine as it ages: Their interactions with water and urinary proteins. <i>Physiology and Behavior</i> , 2013, 120, 211-219.	2.1	25
9	Metabolite Differentiation and Discovery Lab (MeDDL): A New Tool for Biomarker Discovery and Mass Spectral Visualization. <i>Analytical Chemistry</i> , 2010, 82, 4386-4395.	6.5	21
10	Changes in volatile compounds of human urine as it ages: Their interaction with water. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013, 941, 50-53.	2.3	15
11	Evaluation of thermal desorption analysis on a portable GC-MS system. <i>International Journal of Environmental Analytical Chemistry</i> , 2017, 97, 247-263.	3.3	15
12	Detection of volatile organic compounds indicative of human presence in the air. <i>Journal of Separation Science</i> , 2015, 38, 2463-2469.	2.5	11
13	Exhaled isoprene for monitoring recovery from acute hypoxic stress. <i>Journal of Breath Research</i> , 2017, 11, 047111.	3.0	10
14	Field sampling demonstration of portable thermal desorption collection and analysis instrumentation. <i>International Journal of Environmental Analytical Chemistry</i> , 2016, 96, 299-319.	3.3	6