Claude C Grigsby

List of Publications by Year
in descending order

14	474	840776 11	1058476 14
papers	citations	h-index	g-index

14	14	14	694
all docs	docs citations	times ranked	citing authors

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