

Agapios Agapiou

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

1,538
citations

304743

22
h-index

315739

38
g-index

51
all docs

51
docs citations

51
times ranked

1884
citing authors

#	ARTICLE	IF	CITATIONS
1	TD-GC/MS analysis of indoor air pollutants (VOCs, PM) in hair salons. <i>Chemosphere</i> , 2022, 294, 133691.	8.2	29
2	Carob-Agro-Industrial Waste and Potential Uses in the Circular Economy. , 2022, , 765-797.		4
3	Colon Cancer: From Epidemiology to Prevention. <i>Metabolites</i> , 2022, 12, 499.	2.9	16
4	HS-SPME-GC/MS Analysis for Revealing Carob's Ripening. <i>Metabolites</i> , 2022, 12, 656.	2.9	4
5	Removal of toxic metals and anions from acid mine drainage (AMD) by electrocoagulation: The case of North Mathiatis open cast mine. <i>Sustainable Chemistry and Pharmacy</i> , 2022, 29, 100737.	3.3	4
6	Use of biochar for the sorption of volatile organic compounds (VOCs) emitted from cattle manure. <i>Environmental Science and Pollution Research</i> , 2021, 28, 59141-59149.	5.3	12
7	Oil biodesulfurization: A review of applied analytical techniques. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1171, 122602.	2.3	18
8	Profiling soil volatile organic compounds after N fertilization in a soil grown with <i>Rosmarinus officinalis</i> . <i>Applied Soil Ecology</i> , 2021, 164, 103934.	4.3	5
9	Method validation for the determination of 314 pesticide residues using tandem MS systems (GC-MS/MS and LC-MS/MS) in raisins: Focus on risk exposure assessment and respective processing factors in real samples (a pilot survey). <i>Food Chemistry</i> , 2021, 360, 129964.	8.2	17
10	Adsorption and removal of seven antibiotic compounds present in water with the use of biochar derived from the pyrolysis of organic waste feedstocks. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105868.	6.7	65
11	Development of food-origin biochars for the adsorption of selected volatile organic compounds (VOCs) for environmental matrices. <i>Bioresource Technology</i> , 2021, 342, 125881.	9.6	14
12	Measurements of Local Sources of Particulates with a Portable Monitor along the Coast of an Insular City. <i>Sustainability</i> , 2021, 13, 261.	3.2	6
13	Native plants for the remediation of abandoned sulphide mines in Cyprus: A preliminary assessment. <i>Journal of Environmental Management</i> , 2020, 274, 110531.	7.8	19
14	Decoding carob flavor aroma using HS-SPME-GC-MS and chemometrics. <i>European Food Research and Technology</i> , 2020, 246, 1419-1428.	3.3	15
15	Use of Chemometrics for Correlating Carobs Nutritional Compositional Values with Geographic Origin. <i>Metabolites</i> , 2020, 10, 62.	2.9	11
16	Electrochemical Treatment of Cattle Wastewater Samples. <i>Waste and Biomass Valorization</i> , 2020, 11, 5185-5196.	3.4	7
17	Physicochemical and structural characterization of biochar derived from the pyrolysis of biosolids, cattle manure and spent coffee grounds. <i>Journal of the Energy Institute</i> , 2020, 93, 2063-2073.	5.3	66
18	LC-ESI-MS/MS determination of oxyhalides (chlorate, perchlorate and bromate) in food and water samples, and chlorate on household water treatment devices along with perchlorate in plants. <i>Chemosphere</i> , 2019, 235, 757-766.	8.2	31

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19	The effects of different soil nutrient management schemes in nitrogen cycling. Journal of Environmental Management, 2019, 243, 168-176.	7.8	16
20	Sustainability assessment for biomass-derived char production and applications. , 2019, , 447-479.		3
21	Urine and fecal samples targeted metabolomics of carobs treated rats. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2019, 1114-1115, 76-85.	2.3	13
22	Assessing the volatile profile of carob tree (<i>Ceratonia siliqua</i> L.). Environmental Science and Pollution Research, 2019, 26, 35365-35374.	5.3	20
23	GC-MS analysis of D-pinitol in carob: Syrup and fruit (flesh and seed). Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2019, 1116, 60-64.	2.3	25
24	Volatolomics: A broad area of experimentation. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2019, 1105, 136-147.	2.3	32
25	Monitoring of selected skin- and breath-borne volatile organic compounds emitted from the human body using gas chromatography ion mobility spectrometry (GC-IMS). Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2018, 1076, 29-34.	2.3	67
26	Use of FTIR spectroscopy and chemometrics for the classification of carobs origin. Journal of Advanced Research, 2018, 10, 1-8.	9.5	71
27	Sniffing Entrapped Humans with Sensor Arrays. Analytical Chemistry, 2018, 90, 4940-4945.	6.5	91
28	Advances in chemical sensing technologies for VOCs in breath for security/threat assessment, illicit drug detection, and human trafficking activity. Journal of Breath Research, 2018, 12, 027106.	3.0	22
29	Determination of Quality Properties of Low-Grade Biodiesel and Its Heating Oil Blends. Environments - MDPI, 2018, 5, 96.	3.3	10
30	Nutritional characterization of carobs and traditional carob products. Food Science and Nutrition, 2018, 6, 2151-2161.	3.4	62
31	Converting environmental risks to benefits by using spent coffee grounds (SCG) as a valuable resource. Environmental Science and Pollution Research, 2018, 25, 35776-35790.	5.3	56
32	A comparative study on phyllosilicate and tectosilicate mineral structural properties. , 2018, 112, 119-146.		11
33	Spatial characteristics of urinary BTEX concentrations in the general population. Chemosphere, 2017, 173, 261-266.	8.2	27
34	A Compendium of Volatile Organic Compounds (VOCs) Released By Human Cell Lines. Current Medicinal Chemistry, 2016, 23, 2112-2131.	2.4	87
35	Prediction of blood:air and fat:air partition coefficients of volatile organic compounds for the interpretation of data in breath gas analysis. Journal of Breath Research, 2016, 10, 017103.	3.0	15
36	Volatile emissions during storing of green food waste under different aeration conditions. Environmental Science and Pollution Research, 2016, 23, 8890-8901.	5.3	27

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37	Analysis of volatile organic compounds released from the decay of surrogate human models simulating victims of collapsed buildings by thermal desorption-comprehensive two-dimensional gas chromatography-time of flight mass spectrometry. <i>Analytica Chimica Acta</i> , 2015, 883, 99-108.	5.4	42
38	Trace detection of endogenous human volatile organic compounds for search, rescue and emergency applications. <i>TrAC - Trends in Analytical Chemistry</i> , 2015, 66, 158-175.	11.4	64
39	Factors that affect rescue time in urban search and rescue (USAR) operations. <i>Natural Hazards</i> , 2015, 75, 57-69.	3.4	36
40	Potential Applications of Volatile Organic Compounds in Safety and Security. , 2013, , 514-558.		6
41	Near real-time VOCs analysis using an aspiration ion mobility spectrometer. <i>Journal of Breath Research</i> , 2013, 7, 026002.	3.0	40
42	Temporal profiling of human urine VOCs and its potential role under the ruins of collapsed buildings. <i>Toxicology Mechanisms and Methods</i> , 2012, 22, 502-511.	2.7	45
43	Permeation profiles of potential urine-borne biomarkers of human presence over brick and concrete. <i>Analyst, The</i> , 2012, 137, 3278.	3.5	20
44	Optical sensors for urban search and rescue operations. <i>Proceedings of SPIE</i> , 2011, , .	0.8	2
45	Application of ion mobility spectrometry for the detection of human urine. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 398, 2031-2038.	3.7	39
46	Environmental aspects of VOCs evolved in the early stages of human decomposition. <i>Science of the Total Environment</i> , 2007, 385, 221-227.	8.0	130
47	Analysis of expired air of fasting male monks at Mount Athos. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2006, 832, 274-279.	2.3	55
48	Preliminary investigation of using volatile organic compounds from human expired air, blood and urine for locating entrapped people in earthquakes. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005, 822, 112-117.	2.3	57
49	Equilibrium ion exchange studies of Zn ²⁺ , Cr ³⁺ , and Mn ²⁺ on natural bentonite. <i>Desalination and Water Treatment</i> , 0, , 1-11.	1.0	3
50	Photovoltaic-driven electrochemical remediation of drilling fluid wastewater with simultaneous hydrogen production. <i>Waste Management and Research</i> , 0, , 0734242X2211054.	3.9	0