

Meez Islam

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

1,565
citations

331259

21
h-index

301761

39
g-index

43
all docs

43
docs citations

43
times ranked

1783
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantification of iron and copper ions in some edible oils using broadband cavity enhanced absorption spectroscopy (<sc>BBCEAS</sc>). JSFA Reports, 2022, 2, 351-360.	0.2	0
2	A novel hybrid technique to enhance oil production from oil-wet carbonate reservoirs by combining a magnetic field with alumina and iron oxide nanoparticles. Journal of Cleaner Production, 2021, 281, 124891.	4.6	22
3	Application of non-contact scanning to forensic podiatry: A feasibility study. Science and Justice - Journal of the Forensic Science Society, 2021, 61, 79-88.	1.3	3
4	Time-resolved observations of vibrationally excited NO X 2 ⁺ (v=2) formed from collisional quenching of NO A 2 ⁺ (v=0) by NO X 2 ⁺ : evidence for the participation of the NO a 4 ⁺ state. Physical Chemistry Chemical Physics, 2021, 23, 20478-20488.	1.3	1
5	Tailor-made recombinant prokaryotic lectins for characterisation of glycoproteins. Analytica Chimica Acta, 2021, 1155, 338352.	2.6	12
6	Application of Water-Soluble Polymer/Biopolymer Combined with a Biosurfactant in Oil-Wet Fractured Carbonate Reservoirs. ACS Omega, 2021, 6, 15674-15685.	1.6	7
7	A comparison between visible wavelength hyperspectral imaging and digital photography for the detection and identification of bloodstained footwear marks. Journal of Forensic Sciences, 2021, 66, 2424-2437.	0.9	4
8	Studying the effect of acidic and basic species on the physicochemical properties of polymer and biopolymer at different operational conditions. Journal of Molecular Liquids, 2020, 301, 112424.	2.3	5
9	A re-evaluation of manner of death at Roman Herculaneum following the AD 79 eruption of Vesuvius. Antiquity, 2020, 94, 76-91.	0.5	13
10	New Insights into the Application of a Magnetic Field to Enhance Oil Recovery from Oil-Wet Carbonate Reservoirs. Energy & Fuels, 2019, 33, 10602-10610.	2.5	17
11	Study on CO ₂ Hydrate Formation Kinetics in Saline Water in the Presence of Low Concentrations of CH ₄ . ACS Omega, 2019, 4, 18210-18218.	1.6	20
12	Sensitive detection of HO ₂ radicals produced in an atmospheric pressure plasma using Faraday rotation cavity ring-down spectroscopy. Journal of Chemical Physics, 2019, 151, 124202.	1.2	7
13	Comparative Analysis of Hydrate Nucleation for Methane and Carbon Dioxide. Molecules, 2019, 24, 1055.	1.7	13
14	New insights into application of nanoparticles for water-based enhanced oil recovery in carbonate reservoirs. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2019, 568, 164-172.	2.3	36
15	Novel Technological Applications for Latent and Blood-Stained Fingerprint Aging Studies. Advanced Sciences and Technologies for Security Applications, 2019, , 33-66.	0.4	2
16	Cavity enhanced liquid-phase stopped-flow kinetics. Analyst, The, 2018, 143, 493-502.	1.7	8
17	Scanning Electron Microscopy-Dispersive X-Ray (<sc>SEM</sc>/<sc>EDX</sc>): A Rapid Diagnostic Tool to Aid the Identification of Burnt Bone and Contested Cremains. Journal of Forensic Sciences, 2018, 63, 504-510.	0.9	38
18	Age Determination of Blood-Stained Fingerprints Using Visible Wavelength Reflectance Hyperspectral Imaging. Journal of Imaging, 2018, 4, 141.	1.7	22

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19	New Insight into the Influence of Rhamnolipid Bio-Surfactant on the Carbonate Rock/Water/Oil Interaction at Elevated Temperature. Resources, 2018, 7, 75.	1.6	6
20	The Effect of Soft Tissue on Temperature Estimation from Burnt Bone Using Fourier Transform Infrared Spectroscopy. Journal of Forensic Sciences, 2016, 61, 153-159.	0.9	48
21	A comparison of visible wavelength reflectance hyperspectral imaging and Acid Black 1 for the detection and identification of blood stained fingerprints. Science and Justice - Journal of the Forensic Science Society, 2016, 56, 247-255.	1.3	15
22	The non-contact detection and identification of blood stained fingerprints using visible wavelength hyperspectral imaging: Part II effectiveness on a range of substrates. Science and Justice - Journal of the Forensic Science Society, 2016, 56, 191-200.	1.3	21
23	Cavity-Enhanced Immunoassay Measurements in Microtiter Plates Using BBCEAS. Analytical Chemistry, 2016, 88, 5264-5270.	3.2	11
24	The non-contact detection and identification of blood stained fingerprints using visible wavelength reflectance hyperspectral imaging: Part 1. Science and Justice - Journal of the Forensic Science Society, 2016, 56, 181-190.	1.3	26
25	Estimating temperature exposure of burnt bone " A methodological review. Science and Justice - Journal of the Forensic Science Society, 2015, 55, 181-188.	1.3	129
26	Fingerprint composition and aging: A literature review. Science and Justice - Journal of the Forensic Science Society, 2015, 55, 219-238.	1.3	186
27	Low cost microfluidic cell culture array using normally closed valves for cytotoxicity assay. Talanta, 2014, 129, 491-498.	2.9	31
28	The application of visible wavelength reflectance hyperspectral imaging for the detection and identification of blood stains. Science and Justice - Journal of the Forensic Science Society, 2014, 54, 432-438.	1.3	36
29	Microbioreactor Integrated with a Sensor for Monitoring Intracellular Green Fluorescence Protein (GFP). IFMBE Proceedings, 2014, , 888-891.	0.2	0
30	Demonstration of a novel laser-driven light source for broadband spectroscopy between 170 nm and 2.1 μ m. Analyst, The, 2013, 138, 4741.	1.7	30
31	High sensitivity liquid phase measurements using broadband cavity enhanced absorption spectroscopy (BBCEAS) featuring a low cost webcam based prism spectrometer. Analyst, The, 2013, 138, 6372.	1.7	14
32	Discrimination of Sri Lankan black teas using fluorescence spectroscopy and linear discriminant analysis. Journal of the Science of Food and Agriculture, 2013, 93, 2308-2314.	1.7	31
33	The age estimation of blood stains up to 30days old using visible wavelength hyperspectral image analysis and linear discriminant analysis. Science and Justice - Journal of the Forensic Science Society, 2013, 53, 270-277.	1.3	68
34	Biochar: Carbon Sequestration, Land Remediation, and Impacts on Soil Microbiology. Critical Reviews in Environmental Science and Technology, 2012, 42, 2311-2364.	6.6	158
35	The application of histomorphometry and Fourier Transform Infrared Spectroscopy to the analysis of early Anglo-Saxon burned bone. Journal of Archaeological Science, 2011, 38, 2399-2409.	1.2	64
36	An investigation into the internal and external variables acting on crystallinity index using Fourier Transform Infrared Spectroscopy on unaltered and burned bone. Palaeogeography, Palaeoclimatology, Palaeoecology, 2011, 299, 168-174.	1.0	78

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37	Microfluidic Bioreactors for Cell Culturing: A Review. <i>Micro and Nanosystems</i> , 2011, 3, 137-160.	0.3	38
38	The estimation of the age of a blood stain using reflectance spectroscopy with a microspectrophotometer, spectral pre-processing and linear discriminant analysis. <i>Forensic Science International</i> , 2011, 212, 198-204.	1.3	25
39	Broadband Cavity Enhanced Absorption Spectroscopy as a Detector for HPLC. <i>Analytical Chemistry</i> , 2009, 81, 4106-4112.	3.2	34
40	The application of a new method of Fourier Transform Infrared Spectroscopy to the analysis of burned bone. <i>Journal of Archaeological Science</i> , 2009, 36, 910-914.	1.2	190
41	Liquid-phase broadband cavity enhanced absorption spectroscopy (BBCEAS) studies in a 20 cm cell. <i>Analyst, The</i> , 2009, 134, 1887.	1.7	28
42	Liquid-Phase Broadband Cavity-Enhanced Absorption Spectroscopy Measurements in a 2 mm Cuvette. <i>Applied Spectroscopy</i> , 2007, 61, 649-658.	1.2	37
43	Discrimination of teas based on total luminescence spectroscopy and pattern recognition. <i>Journal of the Science of Food and Agriculture</i> , 2006, 86, 2092-2098.	1.7	31