

A greener, fast, and cost-effective smartphone-based di quantification of ethanol in distilled beverages

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Citation Report

#	ARTICLE	IF	CITATIONS
1	A review of smartphone point-of-care adapter design. <i>Engineering Reports</i> , 2019, 1, e12039.	1.7	30
2	Field analysis free chlorine in water samples by a smartphone-based colorimetric device with improved sensitivity and accuracy. <i>Microchemical Journal</i> , 2019, 150, 104200.	4.5	15
3	Using a Flatbed Scanner and Automated Digital Image Analysis To Determine the Total Phenolic Content in Beer. <i>Journal of Chemical Education</i> , 2019, 96, 2315-2321.	2.3	19
4	Feasibility of paper microzone plates for greener determination of the alcoholic content of beverages by thermal infrared enthalpimetry. <i>Analytical Methods</i> , 2019, 11, 4983-4990.	2.7	5
5	Determination of Ethanol in Beers Using a Flatbed Scanner and Automated Digital Image Analysis. <i>Food Analytical Methods</i> , 2020, 13, 249-259.	2.6	20
6	Approaching Diesel Fuel Quality in Chemistry Lab Classes: Undergraduate Student's Achievements on Determination of Biodiesel Content in Diesel Oil Applying Solvatochromic Effect. <i>Journal of Chemical Education</i> , 2020, 97, 4462-4468.	2.3	5
7	PhotoMetrix and colorimetric image analysis using smartphones. <i>Journal of Chemometrics</i> , 2020, 34, e3251.	1.3	34
8	A spot test for total esters determination in sugarcane spirits exploiting smartphone-based digital images. <i>Analytical Methods</i> , 2020, 12, 3918-3923.	2.7	3
9	Applications of smartphones in food analysis. , 2021, , 249-268.		3
10	Water-responsive tough 1D hydrogel with programmable deformations for actuators and chemical sensors. <i>Smart Materials and Structures</i> , 2021, 30, 075014.	3.5	11
11	A concise review on food quality assessment using digital image processing. <i>Trends in Food Science and Technology</i> , 2021, 118, 106-124.	15.1	48
12	Spot test for fast determination of hydrogen peroxide as a milk adulterant by smartphone-based digital image colorimetry. <i>Microchemical Journal</i> , 2020, 157, 105042.	4.5	38
13	Colorimetric hand-held sensors and biosensors with a small digital camera as signal recorder, a review. <i>Reviews in Analytical Chemistry</i> , 2020, 39, 20-30.	3.2	22
14	Simple monitoring of pH and urea in whole blood using wearable smart woman pad. <i>BiolImpacts</i> , 2020, 12, 43-50.	1.5	0
15	Phosphate determination in environmental, biological and industrial samples using a smartphone as a capture device. <i>New Journal of Chemistry</i> , 0, , .	2.8	3
16	A simple and cost-effective smartphone-based digital imaging device for the quantification of selected heavy metals in Thai rice. <i>Analytical Methods</i> , 2022, 14, 165-173.	2.7	7
17	A high-throughput, cheap, and green method for determination of ethanol in cachaça and vodka using 96-well-plate images. <i>Talanta</i> , 2022, 241, 123229.	5.5	9
18	Home-Made Membraneless Vaporization Gas-Liquid Separator for Colorimetric Determination of Ethanol in Alcoholic Beverages. <i>Journal of Analytical Methods in Chemistry</i> , 2022, 2022, 1-9.	1.6	0

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19	Simple and cost-effective approaches for quantification of reducing sugar exploiting digital image analysis. <i>Journal of Food Composition and Analysis</i> , 2022, 113, 104719.	3.9	7
20	Purge and trap in-tube colorimetric detection method for the determination of ethanol in alcoholic and non-alcoholic beverages. <i>Advances in Sample Preparation</i> , 2022, 4, 100043.	3.0	0
21	Hypothesis Tests and Exploratory Analysis Using R Commander and Factoshiny. <i>Journal of Chemical Education</i> , 2023, 100, 267-278.	2.3	6
22	Fluorescence-Based Accurate Estimation of Chlorophyll in Tea Leaves Using Smartphone. <i>IEEE Sensors Journal</i> , 2023, 23, 14864-14871.	4.7	0
23	Digital image-based quantification of ethanol in distilled spirits using red cabbage (<i>Brassica oleracea</i>) extract. <i>Chemical Papers</i> , 0, , .	2.2	0
24	Smartphone-based digital images in analytical chemistry: Why, when, and how to use. <i>TrAC - Trends in Analytical Chemistry</i> , 2023, 168, 117284.	11.4	5
25	Development of a novel app-based system for the digital color read out of time-temperature-indicators and to monitor shelf life along the chain. <i>Food Packaging and Shelf Life</i> , 2023, 40, 101198.	7.5	1
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