

# Zozan Guleken

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

265  
citations

932766

10  
h-index

996533

15  
g-index

23  
all docs

23  
docs citations

23  
times ranked

130  
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of structural protein expression by FTIR and biochemical assays as biomarkers of metabolites response in gastric and colon cancer. <i>Talanta</i> , 2021, 231, 122353.	2.9	33
2	Investigation of the discrimination and characterization of blood serum structure in patients with opioid use disorder using IR spectroscopy and PCA-LDA analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 190, 113553.	1.4	32
3	Characterization of Covid-19 infected pregnant women sera using laboratory indexes, vibrational spectroscopy, and machine learning classifications. <i>Talanta</i> , 2022, 237, 122916.	2.9	29
4	Development of novel spectroscopic and machine learning methods for the measurement of periodic changes in COVID-19 antibody level. <i>Measurement: Journal of the International Measurement Confederation</i> , 2022, 196, 111258.	2.5	21
5	Spectrochemical and biochemical assay comparison study of the healing effect of the Aloe vera and <i>Hypericum perforatum</i> loaded nanofiber dressings on diabetic wound. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 254, 119639.	2.0	18
6	Identification of polycystic ovary syndrome from blood serum using hormone levels via Raman spectroscopy and multivariate analysis. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 273, 121029.	2.0	17
7	Diagnosis of endometriosis using endometrioma volume and vibrational spectroscopy with multivariate methods as a noninvasive method. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 264, 120246.	2.0	15
8	Biochemical assay and spectroscopic analysis of oxidative/antioxidative parameters in the blood and serum of substance use disorders patients. A methodological comparison study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 240, 118625.	2.0	14
9	Assessment of the effect of endocrine abnormalities on biomacromolecules and lipids by FT-IR and biochemical assays as biomarker of metabolites in early Polycystic ovary syndrome women. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 204, 114250.	1.4	14
10	Correlation between endometriomas volume and Raman spectra. Attempting to use Raman spectroscopy in the diagnosis of endometrioma. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 274, 121119.	2.0	14
11	Differential of cholangiocarcinoma disease using Raman spectroscopy combined with multivariate analysis. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 272, 121006.	2.0	13
12	Detection of the chemical changes in blood, liver, and brain caused by electromagnetic field exposure using Raman spectroscopy, biochemical assays combined with multivariate analyses. <i>Photodiagnosis and Photodynamic Therapy</i> , 2022, 38, 102779.	1.3	12
13	Diagnosis of opioid use disorder with high sensitivity and specificity by advanced computational analysis of Fourier transform infrared spectroscopy. <i>Infrared Physics and Technology</i> , 2020, 105, 103218.	1.3	10
14	Determination of idiopathic female infertility from infrared spectra of follicle fluid combined with gonadotrophin levels, multivariate analysis and machine learning methods. <i>Photodiagnosis and Photodynamic Therapy</i> , 2022, 38, 102883.	1.3	7
15	Investigation of the effects of transcranial direct current stimulation and neurofeedback by continuous performance test. <i>Neuroscience Letters</i> , 2020, 716, 134648.	1.0	6
16	Apocynin reduces cytotoxic effects of monosodium glutamate in the brain: A spectroscopic, oxidative load, and machine learning study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 279, 121495.	2.0	4
17	Chronic low-frequency electromagnetic field exposure before and after neonatal life induces changes on blood oxidative parameters of rat offspring. <i>Annals of Medical Research</i> , 2021, 28, 361.	0.0	2
18	The cognitive dynamics of -sooner over large-later preferences during temporal discounting task through event-related oscillations (EROs). <i>Neuropsychologia</i> , 2021, 162, 108046.	0.7	2

#	ARTICLE	IF	CITATIONS
19	Applying spectrochemical analyses on venous disease patients treated by N-Butyl Cyanoacrylate Ablation Surgery. <i>Technology and Health Care</i> , 2022, , 1-16.	0.5	1
20	F160. Investigation of the effects of transcranial direct current stimulation and neurofeedback by continuous performance test and beck inventories. <i>Clinical Neurophysiology</i> , 2018, 129, e127-e128.	0.7	0
21	Investigation of The Role of Vagus in The Ameliorative Effect of Nicotine on Rat Pancreatitis Model. <i>Acibadem Universitesi Saglik Bilimleri Dergisi</i> , 2021, 12, .	0.0	0