Syed Tufail Hussain Sherazi

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

155 papers	3,342 citations	31 h-index	50 g-index
168 ext. papers	3,869 ext. citations	3.3 avg, IF	5.39 L-index

#	Paper	IF	Citations
155	Chemical composition, antioxidant and antimicrobial activities of basil (Ocimum basilicum) essential oils depends on seasonal variations. *Food Chemistry*, **2008**, 108, 986-95	8.5	591
154	Rapid detection of melamine adulteration in dairy milk by SB-ATR-Fourier transform infrared spectroscopy. *Food Chemistry*, **2013**, 141, 3066-71	8.5	127
153	Synthesis Of Air Stable Copper Nanoparticles And Their Use In Catalysis. *Advanced Materials Letters*, **2014**, 5, 191-198	2.4	81
152	L-cysteine protected copper nanoparticles as colorimetric sensor for mercuric ions. *Talanta*, **2014**, 130, 415-22	6.2	76
151	A highly efficient calix[4]arene based resin for the removal of azo dyes. *Desalination*, **2011**, 268, 83-89	10.3	72
150	The removal of organophosphorus pesticides from water using a new amino-substituted calixarene-based magnetic sporopollenin. *New Journal of Chemistry*, **2016**, 40, 3130-3138	3.6	60
149	Glycine-assisted synthesis of NiO hollow cage-like nanostructures for sensitive non-enzymatic glucose sensing. *RSC Advances*, **2015**, 5, 18773-18781	3.7	59
148	Fe3O4 nanoparticles facilitated anaerobic digestion of organic fraction of municipal solid waste for enhancement of methane production. *Energy Sources, Part A: Recovery, Utilization and Environmental Effects*, **2017**, 39, 1815-1822	1.6	54
147	Assessment of pesticide residues in commonly used vegetables in Hyderabad, Pakistan. *Ecotoxicology and Environmental Safety*, **2011**, 74, 2299-303	7	52
146	Synthesis and application of calix[4]arene based resin for the removal of azo dyes. *Journal of Hazardous Materials*, **2009**, 172, 234-9	12.8	52
145	Analytical approaches for the assessment of free fatty acids in oils and fats. *Analytical Methods*, **2014**, 6, 4956-4963	3.2	51
144	Synthesis and application of p-tert-butylcalix[8]arene immobilized material for the removal of azo dyes. *Journal of Hazardous Materials*, **2011**, 186, 651-8	12.8	50
143	Chemical composition and bioactivity studies of the essential oils from two Thymus species from the Pakistani flora. *LWT - Food Science and Technology*, **2013**, 50, 185-192	5.4	49
142	Application of transmission FT-IR spectroscopy for the trans fat determination in the industrially processed edible oils. *Food Chemistry*, **2009**, 114, 323-327	8.5	49
141	Main fatty acid classes in vegetable oils by SB-ATR-Fourier transform infrared (FTIR) spectroscopy. *Talanta*, **2009**, 80, 600-6	6.2	45
140	Development of sensitive non-enzymatic glucose sensor using complex nanostructures of cobalt oxide. *Materials Science in Semiconductor Processing*, **2015**, 34, 373-381	4.3	44
139	GC-MS quantification of fatty acid profile including trans FA in the locally manufactured margarines of Pakistan. *Food Chemistry*, **2008**, 109, 207-11	8.5	44

138	A rapid Fourier-transform infrared (FTIR) spectroscopic method for direct quantification of paracetamol content in solid pharmaceutical formulations. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2015**, 141, 64-70	4.4	41
137	Evaluation of Fatty Acid Composition, Tocols Profile, and Oxidative Stability of Some Fully Refined Edible Oils. *International Journal of Food Properties*, **2015**, 18, 2064-2076	3	40
136	Ultra-trace level electrochemical sensor for methylene blue dye based on nafion stabilized ibuprofen derived gold nanoparticles. *Sensors and Actuators B: Chemical*, **2015**, 208, 320-326	8.5	40
135	Simpler and highly sensitive enzyme-free sensing of urea via NiO nanostructures modified electrode. *RSC Advances*, **2016**, 6, 39001-39006	3.7	40
134	Amino acid assisted growth of CuO nanostructures and their potential application in electrochemical sensing of organophosphate pesticide. *Electrochimica Acta*, **2016**, 190, 972-979	6.7	38
133	Application of microwave heating for the fast extraction of fat content from the poultry feeds. *Talanta*, **2008**, 75, 1240-4	6.2	37
132	Vegetable Oil Deodorizer Distillate: A Rich Source of the Natural Bioactive Components. *Journal of Oleo Science*, **2016**, 65, 957-966	1.6	35
131	Predictors and clinical relevance of ventricular tachyarrhythmias in ambulatory patients with a continuous flow left ventricular assist device. *Heart Rhythm*, **2016**, 13, 1052-1056	6.7	35
130	Oxidative stability assessment of Bauhinia purpurea seed oil in comparison to two conventional vegetable oils by differential scanning calorimetry and Rancimat methods. *Thermochimica Acta*, **2009**, 484, 1-3	2.9	34
129	Rapid determination of free fatty acids in poultry feed lipid extracts by SB-ATR FTIR spectroscopy. *Journal of Agricultural and Food Chemistry*, **2007**, 55, 4928-32	5.7	34
128	Simultaneous assessment of zinc, cadmium, lead and copper in poultry feeds by differential pulse anodic stripping voltammetry. *Food and Chemical Toxicology*, **2010**, 48, 2357-60	4.7	33
127	Changes of Total Tocopherol and Tocopherol Species During Sunflower Oil Processing. *JAOCS, Journal of the American Oil ChemistskSociety*, **2011**, 88, 127-132	1.8	32
126	Improved Extraction Method for the Determination of Iron, Copper, and Nickel in New Varieties of Sunflower Oil by Atomic Absorption Spectroscopy. *Journal of AOAC INTERNATIONAL*, **2008**, 91, 400-407	1.7	32
125	Fabrication of small l-threonine capped nickel nanoparticles and their catalytic application. *Applied Catalysis A: General*, **2013**, 453, 54-59	5.1	31
124	Sensitive and selective aggregation based colorimetric sensing of Fe3+ via interaction with acetyl salicylic acid derived gold nanoparticles. *Sensors and Actuators B: Chemical*, **2018**, 259, 1006-1012	8.5	30
123	Adsorption of direct black-38 azo dye on p-tert-butylcalix[6]arene immobilized material. *Arabian Journal of Chemistry*, **2014**, 7, 125-131	5.9	30
122	Tranexamic acid derived gold nanoparticles modified glassy carbon electrode as sensitive sensor for determination of nalbuphine. *Sensors and Actuators B: Chemical*, **2015**, 211, 359-369	8.5	28
121	Application of Fractional Factorial Design and Doehlert Matrix in the Optimization of Experimental Variables Associated with the Ultrasonic-Assisted Acid Digestion of Chocolate Samples for Aluminum Determination by Atomic Absorption Spectrometry. *Journal of AOAC INTERNATIONAL*, **2007**, 90, 1682-1688	1.7	28

120	Quantitative structure-activity relationship between antioxidant capacity of phenolic compounds and the plasmonic properties of silver nanoparticles. *Talanta*, **2018**, 189, 174-181	6.2	27
119	Application of central composite design for the optimization of on-line solid phase extraction of Cu2 + by calix[4]arene bonded silica resin. *Chemometrics and Intelligent Laboratory Systems*, **2015**, 146, 158-168	3.8	24
118	Synthesis of Highly Stable Cobalt Nanomaterial Using Gallic Acid and Its Application in Catalysis. *Advances in Chemistry*, **2014**, 2014, 1-6		24
117	A simplified FTIR chemometric method for simultaneous determination of four oxidation parameters of frying canola oil. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2015**, 149, 656-61	4.4	23
116	Changes in Composition and Antioxidant and Antimicrobial Activities of Essential Oil of Fennel (Foeniculum vulgare Mill.) Fruit at Different Stages of Maturity. *Journal of Herbs, Spices and Medicinal Plants*, **2009**, 15, 187-202	0.9	23
115	Monitoring of Fat Content, Free Fatty Acid and Fatty Acid Profile Including trans Fat in Pakistani Biscuits. *JAOCS, Journal of the American Oil ChemistskSociety*, **2008**, 85, 1057-1061	1.8	23
114	Cefuroxime derived copper nanoparticles and their application as a colorimetric sensor for trace level detection of picric acid. *RSC Advances*, **2016**, 6, 82882-82889	3.7	22
113	Application of multivariate chemometric techniques for simultaneous determination of five parameters of cottonseed oil by single bounce attenuated total reflectance Fourier transform infrared spectroscopy. *Talanta*, **2014**, 129, 473-80	6.2	22
112	TRPA1: the central molecule for chemical sensing in pain pathway?. *Journal of Neuroscience*, **2008**, 28, 1019-21	6.6	22
111	Estimation of ibuprofen in urine and tablet formulations by transmission Fourier Transform Infrared spectroscopy by partial least square. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2013**, 102, 403-7	4.4	21
110	Application of a spectroscopic method to estimate the olive oil oxidative status. *European Journal of Lipid Science and Technology*, **2010**, 112, 1356-1362	3	21
109	A highly selective and sensitive electrochemical determination of melamine based on succinic acid functionalized copper oxide nanostructures. *RSC Advances*, **2015**, 5, 105090-105097	3.7	20
108	A simplified UV spectrometric method for determination of peroxide value in thermally oxidized canola oil. *Talanta*, **2010**, 80, 1823-6	6.2	20
107	Determination of total trans fat content in Pakistani cereal-based foods by SB-HATR FT-IR spectroscopy coupled with partial least square regression. *Food Chemistry*, **2010**, 123, 1289-1293	8.5	20
106	Correcting for underlying absorption interferences in Fourier transform infrared trans analysis of edible oils using two-dimensional correlation techniques. *Journal of Agricultural and Food Chemistry* , **2008**, 56, 1532-7	5.7	20
105	Application of Fourier-transform infrared (FT-IR) transmission spectroscopy for the estimation of roxithromycin in pharmaceutical formulations. *Vibrational Spectroscopy*, **2011**, 55, 115-118	2.1	19
104	Characterization of Palm Fatty Acid Distillate of Different Oil Processing Industries of Pakistan. *Journal of Oleo Science*, **2016**, 65, 897-901	1.6	19
103	Ultrasensitive Determination of Piroxicam at Diflunisal-Derived Gold Nanoparticle-Modified Glassy Carbon Electrode. *Journal of Electronic Materials*, **2017**, 46, 5957-5966	1.9	18

102	Banana peel: an effective biosorbent for aflatoxins. *Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment*, **2016**, 33, 849-60	3.2	18
101	Kinetic Modeling for Bioaugmented Anaerobic Digestion of the Organic Fraction of Municipal Solid Waste by Using Fe3O4 Nanoparticles. *Waste and Biomass Valorization*, **2019**, 10, 3213-3224	3.2	17
100	Application of attenuated total reflectance Fourier transform infrared spectroscopy for determination of cefixime in oral pharmaceutical formulations. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2013**, 115, 51-6	4.4	17
99	Evaluation of the Triglyceride Composition of Pomegranate Seed Oil by RP-HPLC Followed by GC-MS. *JAOCS, Journal of the American Oil ChemistskSociety*, **2015**, 92, 791-800	1.8	17
98	Chemical Characterization of Canola and Sunflower Oil Deodorizer Distillates. *Polish Journal of Food and Nutrition Sciences*, **2014**, 64, 115-120	3.1	17
97	Evaluation of important fatty acid ratios in poultry feed lipids by ATR FTIR spectroscopy. *Vibrational Spectroscopy*, **2011**, 57, 177-181	2.1	17
96	Synthesis of l-methionine stabilized nickel nanowires and their application for catalytic oxidative transfer hydrogenation of isopropanol. *Applied Catalysis A: General*, **2011**, 400, 215-220	5.1	17
95	Intramuscular fatty acid profile of longissimus dorsi and semitendinosus muscle from Pateri goats fed under traditional feeding system of Sindh, Pakistan. *Meat Science*, **2008**, 80, 819-22	6.4	17
94	A sensitive and selective deep eutectic solvent-based ultrasound-assisted liquid phase microextraction procedure for separation-preconcentration and determination of copper in olive oil and water samples. *Separation Science and Technology*, **2019**, 54, 2431-2439	2.5	17
93	Glycine-assisted preparation of Co3O4 nanoflakes with enhanced performance for non-enzymatic glucose sensing. *Materials Express*, **2015**, 5, 437-444	1.3	16
92	Ultra-selective determination of carbofuran by electrochemical sensor based on nickel oxide nanoparticles stabilized by ionic liquid. *Monatshefte Fü Chemie*, **2020**, 151, 1689-1696	1.4	16
91	Natural co-occurrence of aflatoxins and deoxynivalenol in poultry feed in Pakistan. *Food Additives and Contaminants: Part B Surveillance*, **2014**, 7, 162-7	3.3	15
90	Prospects of fatty acid profile and bioactive composition from lipid seeds for the discrimination of apple varieties with the application of chemometrics. *Grasas Y Aceites*, **2012**, 63, 175-183	1.3	15
89	Improved Determination of Isolated trans Isomers in Edible Oils by Fourier Transform Infrared Spectroscopy Using Spectral Reconstitution. *Journal of AOAC INTERNATIONAL*, **2007**, 90, 446-451	1.7	15
88	Ranolazine-Functionalized Copper Nanoparticles as a Colorimetric Sensor for Trace Level Detection of As. *Nanomaterials*, **2019**, 9,	5.4	15
87	Occurrence of ochratoxin A in poultry feeds and feed ingredients from Pakistan. *Mycotoxin Research*, **2015**, 31, 1-7	4	14
86	Catalytic Reductive Degradation of Methyl Orange Using Air Resilient Copper Nanostructures. *Journal of Nanomaterials*, **2015**, 2015, 1-12	3.2	14
85	Simultaneous Quantification of Ibuprofen and Paracetamol in Tablet Formulations Using Transmission Fourier Transform Infrared Spectroscopy. *American Journal of Analytical Chemistry*, **2012**, 03, 503-511	0.7	14

84	Determination of Unsaponifiable Constituents of Deodorizer Distillates by GC-MS. *JAOCS, Journal of the American Oil ChemistskSociety*, **2012**, 89, 973-977	1.8	14
83	Sorption of congo red onto p-tert-Butylcalix[4]arene based silica resin. *Journal of the Iranian Chemical Society*, **2011**, 8, 272-279	2	14
82	Wheat bran extracts: a potent source of natural antioxidants for the stabilization of canola oil. *Grasas Y Aceites*, **2011**, 62, 190-197	1.3	14
81	Rapid determination of free fatty acid content in waste deodorizer distillates using single bounce-attenuated total reflectance-FTIR spectroscopy. *Journal of AOAC INTERNATIONAL*, **2012**, 95, 1570-3	1.7	14
80	Degradation of 4-Chlorophenol Under Sunlight Using ZnO Nanoparticles as Catalysts. *Journal of Electronic Materials*, **2018**, 47, 2177-2183	1.9	13
79	A green approach for the production of biodiesel from fatty acids of corn deodorizer distillate. *RSC Advances*, **2014**, 4, 48419-48425	3.7	13
78	Quantification of erythromycin in pharmaceutical formulation by transmission Fourier transform infrared spectroscopy. *Arabian Journal of Chemistry*, **2014**, 7, 1104-1109	5.9	13
77	Synthesis and Characterizations of Highly Efficient Copper Nanoparticles and their Use in Ultra Fast Catalytic Degradation of Organic Dyes. *Advanced Materials Research*, **2013**, 829, 93-99	0.5	13
76	Highly sensitive determination of atropine using cobalt oxide nanostructures: Influence of functional groups on the signal sensitivity. *Analytica Chimica Acta*, **2016**, 948, 30-39	6.6	12
75	Decontamination of poultry feed from ochratoxin A by UV and sunlight radiations. *Journal of the Science of Food and Agriculture*, **2016**, 96, 2668-73	4.3	12
74	An amperometric sensitive dopamine biosensor based on novel copper oxide nanostructures. *Microsystem Technologies*, **2017**, 23, 1229-1235	1.7	11
73	Impact of linolenic acid on oxidative stability of rapeseed oils. *Journal of Food Science and Technology*, **2020**, 57, 3184-3192	3.3	11
72	Synthesis and Characterization of Highly Efficient Nickel Nanocatalysts and Their Use in Degradation of Organic Dyes. *International Journal of Metals*, **2014**, 2014, 1-10		11
71	SB-ATR FTIR Spectroscopic Monitoring of Free Fatty Acids in Commercially AvailableNigella sativa(Kalonji) Oil. *Journal of Spectroscopy*, **2014**, 2014, 1-5	1.5	11
70	Erucic acid evaluation in rapeseed and canola oil by Fourier transform-infrared spectroscopy. *European Journal of Lipid Science and Technology*, **2013**, 115, 535-540	3	11
69	Ascorbic Acid Assisted Synthesis of Cobalt Oxide Nanostructures, Their Electrochemical Sensing Application for the Sensitive Determination of Hydrazine. *Journal of Electronic Materials*, **2016**, 45, 3695-3701	1.9	11
68	A comparative profiling of oral cancer patients and high risk niswar users using FT-IR and chemometric analysis. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2018**, 203, 177-184	4.4	11
67	Pyrolysis of polystyrene waste for recovery of combustible hydrocarbons using copper oxide as catalyst. *Waste Management and Research*, **2020**, 38, 1269-1277	4	10

66	Fabrication of Highly Sensitive and Selective Electrochemical Sensors for Detection of Paracetamol by Using Piroxicam Stabilized Gold Nanoparticles. *Journal of the Electrochemical Society*, **2017**, 164, B427-B434	2.9	10
65	A novel approach for determination of free fatty acids in vegetable oils by a flow injection system with manual injection. *Lipids*, **2011**, 46, 1181-90	1.6	10
64	Glutaric Acid Assisted Fabrication of CuO Nanostructures and their Application in Development of Highly Sensitive Electrochemical Sensor System for Carbamates. *Electroanalysis*, **2016**, 28, 1634-1640	3	10
63	Biogenic Silver Nanoparticles for Trace Colorimetric Sensing of Enzyme Disrupter Fungicide Vinclozolin. *Nanomaterials*, **2019**, 9,	5.4	10
62	Pyrolysis of polypropylene over zeolite mordenite ammonium: kinetics and products distribution. *Journal of Polymer Engineering*, **2019**, 39, 785-793	1.4	9
61	Catalytic degradation of imidacloprid using L-serine capped nickel nanoparticles. *Materials Express*, **2015**, 5, 121-128	1.3	9
60	Practice of diclofenac sodium for the hydrothermal growth of NiO nanostructures and their application for enzyme free glucose biosensor. *Microsystem Technologies*, **2016**, 22, 2549-2557	1.7	9
59	Impact of frying on key fatty acid ratios of canola oil. *European Journal of Lipid Science and Technology*, **2012**, 114, 222-228	3	8
58	Investigation of Dissipation, Adsorption, Degradation, and Leaching of Triazophos Pesticide in Various Soils. *Polycyclic Aromatic Compounds*, **2016**, 36, 229-241	1.3	7
57	Spectroscopic and chromatographic evaluation of solvent extracted guava seed oil. *International Journal of Food Properties*, **2017**, 20, S556-S563	3	7
56	NiO nanostructures based functional none-enzymatic electrochemical sensor for ultrasensitive determination of endosulfan in vegetables. *Journal of Food Measurement and Characterization*, **2021**, 15, 2695-2704	2.8	7
55	Characteristics and Composition of a High Oil Yielding Castor Variety from Pakistan. *Journal of Oleo Science*, **2016**, 65, 471-6	1.6	7
54	p-Sulphonatocalix[8]arene functionalized silica resin for the enhanced removal of methylene blue from wastewater: equilibrium and kinetic study. *Separation Science and Technology*, **2019**, 54, 2240-2251	2.5	7
53	Renewable Electricity Generation from Food Waste Through Anaerobic Digestion in Pakistan: A Mini-Review. *Earth Systems and Environment*, **2019**, 3, 95-100	7.5	7
52	The Synthesis of New Nanostructures of CuO Using Ascorbic Acid as Growth Directing Agent and Their Sensitive Electrochemical Detection of Hydrazine. *Sensor Letters*, **2016**, 14, 611-615	0.9	6
51	An Amperometric Indirect Determination of Heavy Metal Ions Through Inhibition of Glucose Oxidase Immobilized on Cobalt Oxide Nanostructures. *Sensor Letters*, **2016**, 14, 1178-1186	0.9	6
50	Methane Augmentation of Anaerobic Digestion of Food Waste in the Presence of Fe3O4 and Carbamide Capped Fe3O4 Nanoparticles. *Waste and Biomass Valorization*, **2020**, 11, 4093-4107	3.2	6
49	Ultra-sensitive Amperometric Hydrazine Sensing via Dimethyl Glyoxomat Derived NiO Nanostructures. *Electroanalysis*, **2017**, 29, 2803-2809	3	5

48	Essential Oil From Psidium guajava Leaves: An Excellent Source of Caryophyllene. *Natural Product Communications*, **2019**, 14, 1934578X1984300	0.9	5
47	Pomegranate (Punica granatum) Seed Oil **2019**, 691-709		5
46	Detection of lard contamination in five different edible oils by FT-IRspectroscopy using a partial least squares calibration model. *Turkish Journal of Chemistry*, **2019**, 43, 1098-1108	1	5
45	Determination of Deoxynivalenol in Poultry Feed by Three Gas Chromatographic Detection Techniques. *Chromatographia*, **2014**, 77, 337-346	2.1	5
44	A green method for the quantitative assessment of neutral oil in palm fatty acid distillates by single bounce attenuated total reflectance Fourier-transform infrared spectroscopy. *RSC Advances*, **2015**, 5, 50591-50596	3.7	5
43	Microwave-assisted synthesis of L-cysteine-capped nickel nanoparticles for catalytic reduction of 4-nitrophenol. *Rare Metals*, **2015**, 34, 683-691	5.5	5
42	Electrochemical Oxidation of Methotrexate Using Pheniramine Maleate Functionalized Gold Nanoparticles Modified Electrode. *Sensor Letters*, **2018**, 16, 8-12	0.9	5
41	A Green Approach for the Determination of Selected Anti-Diabetic Drugs in Pharmaceutical Formulation by Transmission FTIR Spectroscopy. *Journal of the Brazilian Chemical Society*, **2014**,	1.5	5
40	Physicochemical composition and FTIR characterization of castor seed oil. *Ukrainian Food Journal*, **2019**, 8, 778-787	1.3	5
39	Sodium dodecyl sulfate stabilized NiO nanoseeds: a potential procedure for ultra-sensitive determination of bentazone in vegetables. *Journal of Materials Science: Materials in Electronics*, **2021**, 32, 15917-15929	2.1	5
38	Highly selective, sensitive and simpler colorimetric sensor for Fe detection based on biosynthesized gold nanoparticles. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2021**, 254, 119645	4.4	5
37	Method Development for Determination of Antibiotic Drugs Using Newly Prepared p-Morpholinomethylcalix[4]arene Mesoporous Silica-Based HPLC Column. *Chromatographia*, **2018**, 81, 1373-1380	2.1	4
36	FTIR characterization and physicochemical evaluation of cottonseed oil. *Pakistan Journal of Analytical and Environmental Chemistry*, **2017**, 18, 46-53	4.3	4
35	Aflatoxins in cotton seeds and cotton seed cake from Pakistan. *Food Additives and Contaminants: Part B Surveillance*, **2020**, 13, 72-76	3.3	4
34	Application of synthesized copper nanoparticles using aqueous extract ofZiziphus mauritiana L. leaves as a colorimetric sensor for the detection of Ag. *Turkish Journal of Chemistry*, **2020**, 44, 1376-1385	1	4
33	Synthesis of biodiesel via pre-blending of feedstocks: an optimization by the polynomial curve fitting method. *Biofuels*, **2021**, 12, 679-688	2	4
32	A Chemometric Approach to Assess the Frying Stability of Cottonseed Oil Blends During Deep-Frying Process: Fatty Acid Composition and Tocopherol Analyses. *International Journal of Food Properties*, **2015**, 18, 2776-2790	3	3
31	Spectroscopic and chromatographic evaluation of the wax ester fraction of Adenanthera pavonina oil. *Industrial Crops and Products*, **2012**, 36, 294-298	5.9	3

30	A chemometric approach for the quantification of free fatty acids in cottonseed oil by Fourier transform infrared spectroscopy. *International Journal of Food Properties*, **2017**, 20, 1913-1920	3	3
29	Determination of Ochratoxin A in Poultry Feed by High-Performance Liquid Chromatography with a Monolithic Column. *Analytical Letters*, **2015**, 48, 396-407	2.2	3
28	Brief Overview of Frequently used Macrolides and Analytical Techniques for their Assessment. *Current Analytical Chemistry*, **2019**, 15, 324-338	1.7	3
27	FTIR spectroscopy combined with chemometric: A versatile tool for quality evaluation of fried vermicelli. *Ukrainian Food Journal*, **2017**, 6,	1.3	3
26	Influence of commercial refining on some quality attributes of sunflower oil. *Ukrainian Food Journal* , **2018**, 7, 234-243	1.3	3
25	Effect of process parameters on emulsion stability and droplet size of pomegranate oil-in-water. *Grasas Y Aceites*, **2021**, 72, e410	1.3	3
24	Selective online solid-phase extraction of copper using p-morpholino-methylcalix[4]arene appended silica-based column. *Separation Science and Technology*, **2020**, 55, 1650-1655	2.5	3
23	Authentication of Eucommia ulmoides Seed Oil Using Fourier Transform Infrared and Synchronous Fluorescence Spectroscopy Combined with Chemometrics. *Journal of Oleo Science*, **2019**, 68, 1073-1084	1.6	2
22	Sub-ppt level voltammetric sensor for Hg2+ detection based on nafion stabilized l-cysteine-capped Au@Ag core-shell nanoparticles. *Journal of Solid State Electrochemistry*, **2019**, 23, 2073-2083	2.6	2
21	Kaolinite Modified Carbon Paste Electrode for the Sensitive Determination of Captopril. *Sensor Letters*, **2017**, 15, 371-374	0.9	2
20	A review on techniques employed for encapsulation of the bioactive components of Punicagranatum L.. *Journal of Food Processing and Preservation*, **2020**, 44, e14848	2.1	2
19	Electrochemical sensing of dopamine via bio-assisted synthesized silver nanoparticles. *International Nano Letters*, **2021**, 11, 263-271	5.7	2
18	Functionalized Gold Nanoparticles Based Optical, Surface Plasmon Resonance-Based Sensor for the Direct Determination of Mitoxantrone Anti-cancer Agent from Real Samples. *Journal of Cluster Science*,1	3	2
17	Simple Gas Chromatographic Method for the Quantification of Total Cholesterol in Fish Meats. *Journal of AOAC INTERNATIONAL*, **2010**, 93, 1249-1254	1.7	1
16	Recent Progress in the Analysis of Captopril Using Electrochemical Methods: A Review. *Current Analytical Chemistry*, **2019**, 15, 198-206	1.7	1
15	Production of fuel oil and combustible gases from pyrolysis of polystyrene waste: Kinetics and thermodynamics interpretation. *Environmental Technology and Innovation*, **2021**, 24, 101996	7	1
14	Highly selective nanomolar level colorimetric sensing of Cr3+ through biosynthesized gold nanoparticles in the presence of Cr6+. *Optik*, **2021**, 248, 168188	2.5	1
13	Processing impact on tocopherols and triglycerides composition of soybean oil and its deodorizer distillate evaluated by high-performance liquid chromatography. *Turkish Journal of Chemistry*, **2020**, 44, 1694-1702	1	1

12	Ultrasensitive colorimetric detection of Hg2+ in aqueous media via green synthesis by Ziziphus mauritiana Leaf extract-based silver nanoparticles. *International Journal of Environmental Analytical Chemistry*, **2020**, 1-16	1.8	1
11	Trace Level Colorimetric Hg2+ Sensor Driven by Citrus japonica Leaf Extract Derived Silver Nanoparticles: Green Synthesis and Application. *Journal of Cluster Science*,1	3	1
10	Removal of toxic metals from canola oil by newly synthesized calixarene-based resin. *Turkish Journal of Chemistry*, **2018**, 42,	1	1
9	Guava (Psidium guajava) Oil **2019**, 541-559		0
8	Natural co-occurrence of Fusarium toxins in poultry feed and its ingredients. *Journal Fur Verbraucherschutz Und Lebensmittelsicherheit*, **2020**, 15, 341-350	2.3	0
7	SnO2 nanostructure based electroanalytical approach for simultaneous monitoring of vitamin C and vitamin B6 in pharmaceuticals. *Journal of Electroanalytical Chemistry*, **2022**, 910, 116181	4.1	0
6	Ranolazine-functionalized CuO NPs: efficient homogeneous and heterogeneous catalysts for reduction of 4-nitrophenol. *Turkish Journal of Chemistry*, **2020**, 44, 168-179	1	
5	Consequence of Commercial Fish Frying on Some Quality Parameters of Oil with Special Reference to Trans Fat. *International Journal of Food Properties*, **2011**, 14, 1124-1135	3	
4	Effect of Wall Material and Inlet Drying Temperature on Microencapsulation and Oxidative Stability of Pomegranate Seed Oil Using Spray Drying.. *Journal of Oleo Science*, **2022**, 71, 31-41	1.6	
3	Synthesis and Evaluation of Oxidation Stability of Biodiesel Prepared from Spent Bleaching Clay Residual Oil. *Journal of Oleo Science*, **2020**, 69, 1619-1626	1.6	
2	A delicate approach to the determination of duloxetine hydrochloride using electrospun polyvinylidene difluoride nanofibers. *Journal of the Iranian Chemical Society*,1	2	
1	INVESTIGATION OF THE CHEMICAL CHARACTERISTICS AND OXIDATIVE STABILITY OF SOME COMMERCIAL COLD-PRESSED OILS. *Konya Journal of Engineering Sciences*,904-916	0.1	