

# Syed Tufail Hussain Sherazi

## List of Publications by Year in Descending Order

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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	Effect of Wall Material and Inlet Drying Temperature on Microencapsulation and Oxidative Stability of Pomegranate Seed Oil Using Spray Drying.. <i>Journal of Oleo Science</i> , <b>2022</b> , 71, 31-41	1.6	
154	SnO <sub>2</sub> nanostructure based electroanalytical approach for simultaneous monitoring of vitamin C and vitamin B6 in pharmaceuticals. <i>Journal of Electroanalytical Chemistry</i> , <b>2022</b> , 910, 116181	4.1	0
153	Production of fuel oil and combustible gases from pyrolysis of polystyrene waste: Kinetics and thermodynamics interpretation. <i>Environmental Technology and Innovation</i> , <b>2021</b> , 24, 101996	7	1
152	Highly selective nanomolar level colorimetric sensing of Cr <sup>3+</sup> through biosynthesized gold nanoparticles in the presence of Cr <sup>6+</sup> . <i>Optik</i> , <b>2021</b> , 248, 168188	2.5	1
151	NiO nanostructures based functional none-enzymatic electrochemical sensor for ultrasensitive determination of endosulfan in vegetables. <i>Journal of Food Measurement and Characterization</i> , <b>2021</b> , 15, 2695-2704	2.8	7
150	Electrochemical sensing of dopamine via bio-assisted synthesized silver nanoparticles. <i>International Nano Letters</i> , <b>2021</b> , 11, 263-271	5.7	2
149	Sodium dodecyl sulfate stabilized NiO nanoseeds: a potential procedure for ultra-sensitive determination of bentazone in vegetables. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2021</b> , 32, 15917-15929	2.1	5
148	Effect of process parameters on emulsion stability and droplet size of pomegranate oil-in-water. <i>Grasas Y Aceites</i> , <b>2021</b> , 72, e410	1.3	3
147	Highly selective, sensitive and simpler colorimetric sensor for Fe detection based on biosynthesized gold nanoparticles. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2021</b> , 254, 119645	4.4	5
146	Synthesis of biodiesel via pre-blending of feedstocks: an optimization by the polynomial curve fitting method. <i>Biofuels</i> , <b>2021</b> , 12, 679-688	2	4
145	Impact of linolenic acid on oxidative stability of rapeseed oils. <i>Journal of Food Science and Technology</i> , <b>2020</b> , 57, 3184-3192	3.3	11
144	Pyrolysis of polystyrene waste for recovery of combustible hydrocarbons using copper oxide as catalyst. <i>Waste Management and Research</i> , <b>2020</b> , 38, 1269-1277	4	10
143	Ranolazine-functionalized CuO NPs: efficient homogeneous and heterogeneous catalysts for reduction of 4-nitrophenol. <i>Turkish Journal of Chemistry</i> , <b>2020</b> , 44, 168-179	1	
142	Synthesis and Evaluation of Oxidation Stability of Biodiesel Prepared from Spent Bleaching Clay Residual Oil. <i>Journal of Oleo Science</i> , <b>2020</b> , 69, 1619-1626	1.6	
141	Processing impact on tocopherols and triglycerides composition of soybean oil and its deodorizer distillate evaluated by high-performance liquid chromatography. <i>Turkish Journal of Chemistry</i> , <b>2020</b> , 44, 1694-1702	1	1
140	Aflatoxins in cotton seeds and cotton seed cake from Pakistan. <i>Food Additives and Contaminants: Part B Surveillance</i> , <b>2020</b> , 13, 72-76	3.3	4
139	Ultrasensitive colorimetric detection of Hg <sup>2+</sup> in aqueous media via green synthesis by Ziziphus mauritiana Leaf extract-based silver nanoparticles. <i>International Journal of Environmental Analytical Chemistry</i> , <b>2020</b> , 1-16	1.8	1

138	Natural co-occurrence of Fusarium toxins in poultry feed and its ingredients. <i>Journal Fur Verbraucherschutz Und Lebensmittelsicherheit</i> , <b>2020</b> , 15, 341-350	2.3	0
137	Ultra-selective determination of carbofuran by electrochemical sensor based on nickel oxide nanoparticles stabilized by ionic liquid. <i>Monatshefte Für Chemie</i> , <b>2020</b> , 151, 1689-1696	1.4	16
136	Application of synthesized copper nanoparticles using aqueous extract of <i>Ziziphus mauritiana</i> L. leaves as a colorimetric sensor for the detection of Ag. <i>Turkish Journal of Chemistry</i> , <b>2020</b> , 44, 1376-1385 <sup>1</sup>		4
135	A review on techniques employed for encapsulation of the bioactive components of <i>Punicagranatum</i> L.. <i>Journal of Food Processing and Preservation</i> , <b>2020</b> , 44, e14848	2.1	2
134	Selective online solid-phase extraction of copper using p-morpholino-methylcalix[4]arene appended silica-based column. <i>Separation Science and Technology</i> , <b>2020</b> , 55, 1650-1655	2.5	3
133	Methane Augmentation of Anaerobic Digestion of Food Waste in the Presence of Fe <sub>3</sub> O <sub>4</sub> and Carbamide Capped Fe <sub>3</sub> O <sub>4</sub> Nanoparticles. <i>Waste and Biomass Valorization</i> , <b>2020</b> , 11, 4093-4107	3.2	6
132	Authentication of <i>Eucommia ulmoides</i> Seed Oil Using Fourier Transform Infrared and Synchronous Fluorescence Spectroscopy Combined with Chemometrics. <i>Journal of Oleo Science</i> , <b>2019</b> , 68, 1073-1084	1.6	2
131	Pyrolysis of polypropylene over zeolite mordenite ammonium: kinetics and products distribution. <i>Journal of Polymer Engineering</i> , <b>2019</b> , 39, 785-793	1.4	9
130	Essential Oil From <i>Psidium guajava</i> Leaves: An Excellent Source of $\beta$ -Caryophyllene. <i>Natural Product Communications</i> , <b>2019</b> , 14, 1934578X1984300	0.9	5
129	Sub-ppt level voltammetric sensor for Hg <sup>2+</sup> detection based on nafion stabilized l-cysteine-capped Au@Ag core-shell nanoparticles. <i>Journal of Solid State Electrochemistry</i> , <b>2019</b> , 23, 2073-2083	2.6	2
128	Pomegranate ( <i>Punica granatum</i> ) Seed Oil <b>2019</b> , 691-709		5
127	Guava ( <i>Psidium guajava</i> ) Oil <b>2019</b> , 541-559		0
126	Kinetic Modeling for Bioaugmented Anaerobic Digestion of the Organic Fraction of Municipal Solid Waste by Using Fe <sub>3</sub> O <sub>4</sub> Nanoparticles. <i>Waste and Biomass Valorization</i> , <b>2019</b> , 10, 3213-3224	3.2	17
125	Detection of lard contamination in five different edible oils by FT-IR spectroscopy using a partial least squares calibration model. <i>Turkish Journal of Chemistry</i> , <b>2019</b> , 43, 1098-1108	1	5
124	Recent Progress in the Analysis of Captopril Using Electrochemical Methods: A Review. <i>Current Analytical Chemistry</i> , <b>2019</b> , 15, 198-206	1.7	1
123	Brief Overview of Frequently used Macrolides and Analytical Techniques for their Assessment. <i>Current Analytical Chemistry</i> , <b>2019</b> , 15, 324-338	1.7	3
122	Physicochemical composition and FTIR characterization of castor seed oil. <i>Ukrainian Food Journal</i> , <b>2019</b> , 8, 778-787	1.3	5
121	p-Sulphonatocalix[8]arene functionalized silica resin for the enhanced removal of methylene blue from wastewater: equilibrium and kinetic study. <i>Separation Science and Technology</i> , <b>2019</b> , 54, 2240-2251 <sup>2.5</sup>		7

120	Biogenic Silver Nanoparticles for Trace Colorimetric Sensing of Enzyme Disrupter Fungicide Vinclozolin. <i>Nanomaterials</i> , <b>2019</b> , 9,	5.4	10
119	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. <i>Separation Science and Technology</i> , <b>2019</b> , 54, 2431-2439	2.5	17
118	Ranolazine-Functionalized Copper Nanoparticles as a Colorimetric Sensor for Trace Level Detection of As. <i>Nanomaterials</i> , <b>2019</b> , 9,	5.4	15
117	Renewable Electricity Generation from Food Waste Through Anaerobic Digestion in Pakistan: A Mini-Review. <i>Earth Systems and Environment</i> , <b>2019</b> , 3, 95-100	7.5	7
116	Sensitive and selective aggregation based colorimetric sensing of Fe <sup>3+</sup> via interaction with acetyl salicylic acid derived gold nanoparticles. <i>Sensors and Actuators B: Chemical</i> , <b>2018</b> , 259, 1006-1012	8.5	30
115	Degradation of 4-Chlorophenol Under Sunlight Using ZnO Nanoparticles as Catalysts. <i>Journal of Electronic Materials</i> , <b>2018</b> , 47, 2177-2183	1.9	13
114	Method Development for Determination of Antibiotic Drugs Using Newly Prepared p-Morpholinomethylcalix[4]arene Mesoporous Silica-Based HPLC Column. <i>Chromatographia</i> , <b>2018</b> , 81, 1373-1380	2.1	4
113	Electrochemical Oxidation of Methotrexate Using Pheniramine Maleate Functionalized Gold Nanoparticles Modified Electrode. <i>Sensor Letters</i> , <b>2018</b> , 16, 8-12	0.9	5
112	Influence of commercial refining on some quality attributes of sunflower oil. <i>Ukrainian Food Journal</i> , <b>2018</b> , 7, 234-243	1.3	3
111	Removal of toxic metals from canola oil by newly synthesized calixarene-based resin. <i>Turkish Journal of Chemistry</i> , <b>2018</b> , 42,	1	1
110	A comparative profiling of oral cancer patients and high risk niswar users using FT-IR and chemometric analysis. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2018</b> , 203, 177-184	4.4	11
109	Quantitative structure-activity relationship between antioxidant capacity of phenolic compounds and the plasmonic properties of silver nanoparticles. <i>Talanta</i> , <b>2018</b> , 189, 174-181	6.2	27
108	An amperometric sensitive dopamine biosensor based on novel copper oxide nanostructures. <i>Microsystem Technologies</i> , <b>2017</b> , 23, 1229-1235	1.7	11
107	Ultrasensitive Determination of Piroxicam at Diflunisal-Derived Gold Nanoparticle-Modified Glassy Carbon Electrode. <i>Journal of Electronic Materials</i> , <b>2017</b> , 46, 5957-5966	1.9	18
106	Spectroscopic and chromatographic evaluation of solvent extracted guava seed oil. <i>International Journal of Food Properties</i> , <b>2017</b> , 20, S556-S563	3	7
105	Fe <sub>3</sub> O <sub>4</sub> nanoparticles facilitated anaerobic digestion of organic fraction of municipal solid waste for enhancement of methane production. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , <b>2017</b> , 39, 1815-1822	1.6	54
104	Ultra-sensitive Amperometric Hydrazine Sensing via Dimethyl Glyoxomat Derived NiO Nanostructures. <i>Electroanalysis</i> , <b>2017</b> , 29, 2803-2809	3	5
103	Kaolinite Modified Carbon Paste Electrode for the Sensitive Determination of Captopril. <i>Sensor Letters</i> , <b>2017</b> , 15, 371-374	0.9	2

102	Fabrication of Highly Sensitive and Selective Electrochemical Sensors for Detection of Paracetamol by Using Piroxicam Stabilized Gold Nanoparticles. <i>Journal of the Electrochemical Society</i> , <b>2017</b> , 164, B427-B434	3.0	10
101	A chemometric approach for the quantification of free fatty acids in cottonseed oil by Fourier transform infrared spectroscopy. <i>International Journal of Food Properties</i> , <b>2017</b> , 20, 1913-1920	3	3
100	FTIR characterization and physicochemical evaluation of cottonseed oil. <i>Pakistan Journal of Analytical and Environmental Chemistry</i> , <b>2017</b> , 18, 46-53	4.3	4
99	FTIR spectroscopy combined with chemometric: A versatile tool for quality evaluation of fried vermicelli. <i>Ukrainian Food Journal</i> , <b>2017</b> , 6,	1.3	3
98	Investigation of Dissipation, Adsorption, Degradation, and Leaching of Triazophos Pesticide in Various Soils. <i>Polycyclic Aromatic Compounds</i> , <b>2016</b> , 36, 229-241	1.3	7
97	Cefuroxime derived copper nanoparticles and their application as a colorimetric sensor for trace level detection of picric acid. <i>RSC Advances</i> , <b>2016</b> , 6, 82882-82889	3.7	22
96	Highly sensitive determination of atropine using cobalt oxide nanostructures: Influence of functional groups on the signal sensitivity. <i>Analytica Chimica Acta</i> , <b>2016</b> , 948, 30-39	6.6	12
95	Practice of diclofenac sodium for the hydrothermal growth of NiO nanostructures and their application for enzyme free glucose biosensor. <i>Microsystem Technologies</i> , <b>2016</b> , 22, 2549-2557	1.7	9
94	The removal of organophosphorus pesticides from water using a new amino-substituted calixarene-based magnetic sporopollenin. <i>New Journal of Chemistry</i> , <b>2016</b> , 40, 3130-3138	3.6	60
93	Amino acid assisted growth of CuO nanostructures and their potential application in electrochemical sensing of organophosphate pesticide. <i>Electrochimica Acta</i> , <b>2016</b> , 190, 972-979	6.7	38
92	The Synthesis of New Nanostructures of CuO Using Ascorbic Acid as Growth Directing Agent and Their Sensitive Electrochemical Detection of Hydrazine. <i>Sensor Letters</i> , <b>2016</b> , 14, 611-615	0.9	6
91	An Amperometric Indirect Determination of Heavy Metal Ions Through Inhibition of Glucose Oxidase Immobilized on Cobalt Oxide Nanostructures. <i>Sensor Letters</i> , <b>2016</b> , 14, 1178-1186	0.9	6
90	Vegetable Oil Deodorizer Distillate: A Rich Source of the Natural Bioactive Components. <i>Journal of Oleo Science</i> , <b>2016</b> , 65, 957-966	1.6	35
89	Characterization of Palm Fatty Acid Distillate of Different Oil Processing Industries of Pakistan. <i>Journal of Oleo Science</i> , <b>2016</b> , 65, 897-901	1.6	19
88	Characteristics and Composition of a High Oil Yielding Castor Variety from Pakistan. <i>Journal of Oleo Science</i> , <b>2016</b> , 65, 471-6	1.6	7
87	Decontamination of poultry feed from ochratoxin A by UV and sunlight radiations. <i>Journal of the Science of Food and Agriculture</i> , <b>2016</b> , 96, 2668-73	4.3	12
86	Glutaric Acid Assisted Fabrication of CuO Nanostructures and their Application in Development of Highly Sensitive Electrochemical Sensor System for Carbamates. <i>Electroanalysis</i> , <b>2016</b> , 28, 1634-1640	3	10
85	Predictors and clinical relevance of ventricular tachyarrhythmias in ambulatory patients with a continuous flow left ventricular assist device. <i>Heart Rhythm</i> , <b>2016</b> , 13, 1052-1056	6.7	35

84	Simpler and highly sensitive enzyme-free sensing of urea via NiO nanostructures modified electrode. <i>RSC Advances</i> , <b>2016</b> , 6, 39001-39006	3.7	40
83	Banana peel: an effective biosorbent for aflatoxins. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , <b>2016</b> , 33, 849-60	3.2	18
82	Ascorbic Acid Assisted Synthesis of Cobalt Oxide Nanostructures, Their Electrochemical Sensing Application for the Sensitive Determination of Hydrazine. <i>Journal of Electronic Materials</i> , <b>2016</b> , 45, 3695-3701	1.9	11
81	Evaluation of Fatty Acid Composition, Tocols Profile, and Oxidative Stability of Some Fully Refined Edible Oils. <i>International Journal of Food Properties</i> , <b>2015</b> , 18, 2064-2076	3	40
80	Occurrence of ochratoxin A in poultry feeds and feed ingredients from Pakistan. <i>Mycotoxin Research</i> , <b>2015</b> , 31, 1-7	4	14
79	A Chemometric Approach to Assess the Frying Stability of Cottonseed Oil Blends During Deep-Frying Process: Fatty Acid Composition and Tocopherol Analyses. <i>International Journal of Food Properties</i> , <b>2015</b> , 18, 2776-2790	3	3
78	Development of sensitive non-enzymatic glucose sensor using complex nanostructures of cobalt oxide. <i>Materials Science in Semiconductor Processing</i> , <b>2015</b> , 34, 373-381	4.3	44
77	A simplified FTIR chemometric method for simultaneous determination of four oxidation parameters of frying canola oil. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2015</b> , 149, 656-61	4.4	23
76	Catalytic degradation of imidacloprid using L-serine capped nickel nanoparticles. <i>Materials Express</i> , <b>2015</b> , 5, 121-128	1.3	9
75	Ultra-trace level electrochemical sensor for methylene blue dye based on nafion stabilized ibuprofen derived gold nanoparticles. <i>Sensors and Actuators B: Chemical</i> , <b>2015</b> , 208, 320-326	8.5	40
74	Glycine-assisted preparation of Co <sub>3</sub> O <sub>4</sub> nanoflakes with enhanced performance for non-enzymatic glucose sensing. <i>Materials Express</i> , <b>2015</b> , 5, 437-444	1.3	16
73	Catalytic Reductive Degradation of Methyl Orange Using Air Resilient Copper Nanostructures. <i>Journal of Nanomaterials</i> , <b>2015</b> , 2015, 1-12	3.2	14
72	Determination of Ochratoxin A in Poultry Feed by High-Performance Liquid Chromatography with a Monolithic Column. <i>Analytical Letters</i> , <b>2015</b> , 48, 396-407	2.2	3
71	Evaluation of the Triglyceride Composition of Pomegranate Seed Oil by RP-HPLC Followed by GC-MS. <i>JAOCs, Journal of the American Oil Chemists Society</i> , <b>2015</b> , 92, 791-800	1.8	17
70	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. <i>RSC Advances</i> , <b>2015</b> , 5, 50591-50596	3.7	5
69	Microwave-assisted synthesis of L-cysteine-capped nickel nanoparticles for catalytic reduction of 4-nitrophenol. <i>Rare Metals</i> , <b>2015</b> , 34, 683-691	5.5	5
68	Application of central composite design for the optimization of on-line solid phase extraction of Cu <sup>2+</sup> by calix[4]arene bonded silica resin. <i>Chemometrics and Intelligent Laboratory Systems</i> , <b>2015</b> , 146, 158-168	3.8	24
67	A highly selective and sensitive electrochemical determination of melamine based on succinic acid functionalized copper oxide nanostructures. <i>RSC Advances</i> , <b>2015</b> , 5, 105090-105097	3.7	20



66	Glycine-assisted synthesis of NiO hollow cage-like nanostructures for sensitive non-enzymatic glucose sensing. <i>RSC Advances</i> , <b>2015</b> , 5, 18773-18781	3.7	59
65	Tranexamic acid derived gold nanoparticles modified glassy carbon electrode as sensitive sensor for determination of nalbuphine. <i>Sensors and Actuators B: Chemical</i> , <b>2015</b> , 211, 359-369	8.5	28
64	A rapid Fourier-transform infrared (FTIR) spectroscopic method for direct quantification of paracetamol content in solid pharmaceutical formulations. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2015</b> , 141, 64-70	4.4	41
63	Determination of Deoxynivalenol in Poultry Feed by Three Gas Chromatographic Detection Techniques. <i>Chromatographia</i> , <b>2014</b> , 77, 337-346	2.1	5
62	Natural co-occurrence of aflatoxins and deoxynivalenol in poultry feed in Pakistan. <i>Food Additives and Contaminants: Part B Surveillance</i> , <b>2014</b> , 7, 162-7	3.3	15
61	L-cysteine protected copper nanoparticles as colorimetric sensor for mercuric ions. <i>Talanta</i> , <b>2014</b> , 130, 415-22	6.2	76
60	Analytical approaches for the assessment of free fatty acids in oils and fats. <i>Analytical Methods</i> , <b>2014</b> , 6, 4956-4963	3.2	51
59	A green approach for the production of biodiesel from fatty acids of corn deodorizer distillate. <i>RSC Advances</i> , <b>2014</b> , 4, 48419-48425	3.7	13
58	Application of multivariate chemometric techniques for simultaneous determination of five parameters of cottonseed oil by single bounce attenuated total reflectance Fourier transform infrared spectroscopy. <i>Talanta</i> , <b>2014</b> , 129, 473-80	6.2	22
57	Synthesis and Characterization of Highly Efficient Nickel Nanocatalysts and Their Use in Degradation of Organic Dyes. <i>International Journal of Metals</i> , <b>2014</b> , 2014, 1-10		11
56	SB-ATR FTIR Spectroscopic Monitoring of Free Fatty Acids in Commercially Available Nigella sativa (Kalonji) Oil. <i>Journal of Spectroscopy</i> , <b>2014</b> , 2014, 1-5	1.5	11
55	Synthesis of Highly Stable Cobalt Nanomaterial Using Gallic Acid and Its Application in Catalysis. <i>Advances in Chemistry</i> , <b>2014</b> , 2014, 1-6		24
54	Chemical Characterization of Canola and Sunflower Oil Deodorizer Distillates. <i>Polish Journal of Food and Nutrition Sciences</i> , <b>2014</b> , 64, 115-120	3.1	17
53	Quantification of erythromycin in pharmaceutical formulation by transmission Fourier transform infrared spectroscopy. <i>Arabian Journal of Chemistry</i> , <b>2014</b> , 7, 1104-1109	5.9	13
52	Adsorption of direct black-38 azo dye on p-tert-butylcalix[6]arene immobilized material. <i>Arabian Journal of Chemistry</i> , <b>2014</b> , 7, 125-131	5.9	30
51	Synthesis Of Air Stable Copper Nanoparticles And Their Use In Catalysis. <i>Advanced Materials Letters</i> , <b>2014</b> , 5, 191-198	2.4	81
50	A Green Approach for the Determination of Selected Anti-Diabetic Drugs in Pharmaceutical Formulation by Transmission FTIR Spectroscopy. <i>Journal of the Brazilian Chemical Society</i> , <b>2014</b> ,	1.5	5
49	Rapid detection of melamine adulteration in dairy milk by SB-ATR-Fourier transform infrared spectroscopy. <i>Food Chemistry</i> , <b>2013</b> , 141, 3066-71	8.5	127

48	Application of attenuated total reflectance Fourier transform infrared spectroscopy for determination of cefixime in oral pharmaceutical formulations. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2013</b> , 115, 51-6	4.4	17
47	Fabrication of small l-threonine capped nickel nanoparticles and their catalytic application. <i>Applied Catalysis A: General</i> , <b>2013</b> , 453, 54-59	5.1	31
46	Estimation of ibuprofen in urine and tablet formulations by transmission Fourier Transform Infrared spectroscopy by partial least square. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2013</b> , 102, 403-7	4.4	21
45	Erucic acid evaluation in rapeseed and canola oil by Fourier transform-infrared spectroscopy. <i>European Journal of Lipid Science and Technology</i> , <b>2013</b> , 115, 535-540	3	11
44	Chemical composition and bioactivity studies of the essential oils from two Thymus species from the Pakistani flora. <i>LWT - Food Science and Technology</i> , <b>2013</b> , 50, 185-192	5.4	49
43	Synthesis and Characterizations of Highly Efficient Copper Nanoparticles and their Use in Ultra Fast Catalytic Degradation of Organic Dyes. <i>Advanced Materials Research</i> , <b>2013</b> , 829, 93-99	0.5	13
42	Spectroscopic and chromatographic evaluation of the wax ester fraction of Adenantha pavonina oil. <i>Industrial Crops and Products</i> , <b>2012</b> , 36, 294-298	5.9	3
41	Simultaneous Quantification of Ibuprofen and Paracetamol in Tablet Formulations Using Transmission Fourier Transform Infrared Spectroscopy. <i>American Journal of Analytical Chemistry</i> , <b>2012</b> , 03, 503-511	0.7	14
40	Impact of frying on key fatty acid ratios of canola oil. <i>European Journal of Lipid Science and Technology</i> , <b>2012</b> , 114, 222-228	3	8
39	Determination of Unsaponifiable Constituents of Deodorizer Distillates by GCMS. <i>JAOCS, Journal of the American Oil Chemists Society</i> , <b>2012</b> , 89, 973-977	1.8	14
38	Rapid determination of free fatty acid content in waste deodorizer distillates using single bounce-attenuated total reflectance-FTIR spectroscopy. <i>Journal of AOAC INTERNATIONAL</i> , <b>2012</b> , 95, 1570-3	1.7	14
37	Prospects of fatty acid profile and bioactive composition from lipid seeds for the discrimination of apple varieties with the application of chemometrics. <i>Grasas Y Aceites</i> , <b>2012</b> , 63, 175-183	1.3	15
36	Assessment of pesticide residues in commonly used vegetables in Hyderabad, Pakistan. <i>Ecotoxicology and Environmental Safety</i> , <b>2011</b> , 74, 2299-303	7	52
35	Sorption of congo red onto p-tert-Butylcalix[4]arene based silica resin. <i>Journal of the Iranian Chemical Society</i> , <b>2011</b> , 8, 272-279	2	14
34	Application of Fourier-transform infrared (FT-IR) transmission spectroscopy for the estimation of roxithromycin in pharmaceutical formulations. <i>Vibrational Spectroscopy</i> , <b>2011</b> , 55, 115-118	2.1	19
33	Evaluation of important fatty acid ratios in poultry feed lipids by ATR FTIR spectroscopy. <i>Vibrational Spectroscopy</i> , <b>2011</b> , 57, 177-181	2.1	17
32	A novel approach for determination of free fatty acids in vegetable oils by a flow injection system with manual injection. <i>Lipids</i> , <b>2011</b> , 46, 1181-90	1.6	10
31	Changes of Total Tocopherol and Tocopherol Species During Sunflower Oil Processing. <i>JAOCS, Journal of the American Oil Chemists Society</i> , <b>2011</b> , 88, 127-132	1.8	32



30	Consequence of Commercial Fish Frying on Some Quality Parameters of Oil with Special Reference to Trans Fat. <i>International Journal of Food Properties</i> , <b>2011</b> , 14, 1124-1135	3	
29	Synthesis of L-methionine stabilized nickel nanowires and their application for catalytic oxidative transfer hydrogenation of isopropanol. <i>Applied Catalysis A: General</i> , <b>2011</b> , 400, 215-220	5.1	17
28	A highly efficient calix[4]arene based resin for the removal of azo dyes. <i>Desalination</i> , <b>2011</b> , 268, 83-89	10.3	72
27	Synthesis and application of p-tert-butylcalix[8]arene immobilized material for the removal of azo dyes. <i>Journal of Hazardous Materials</i> , <b>2011</b> , 186, 651-8	12.8	50
26	Wheat bran extracts: a potent source of natural antioxidants for the stabilization of canola oil. <i>Grasas Y Aceites</i> , <b>2011</b> , 62, 190-197	1.3	14
25	Simple Gas Chromatographic Method for the Quantification of Total Cholesterol in Fish Meats. <i>Journal of AOAC INTERNATIONAL</i> , <b>2010</b> , 93, 1249-1254	1.7	1
24	Simultaneous assessment of zinc, cadmium, lead and copper in poultry feeds by differential pulse anodic stripping voltammetry. <i>Food and Chemical Toxicology</i> , <b>2010</b> , 48, 2357-60	4.7	33
23	A simplified UV spectrometric method for determination of peroxide value in thermally oxidized canola oil. <i>Talanta</i> , <b>2010</b> , 80, 1823-6	6.2	20
22	Application of a spectroscopic method to estimate the olive oil oxidative status. <i>European Journal of Lipid Science and Technology</i> , <b>2010</b> , 112, 1356-1362	3	21
21	Determination of total trans fat content in Pakistani cereal-based foods by SB-HATR FT-IR spectroscopy coupled with partial least square regression. <i>Food Chemistry</i> , <b>2010</b> , 123, 1289-1293	8.5	20
20	Application of transmission FT-IR spectroscopy for the trans fat determination in the industrially processed edible oils. <i>Food Chemistry</i> , <b>2009</b> , 114, 323-327	8.5	49
19	Oxidative stability assessment of Bauhinia purpurea seed oil in comparison to two conventional vegetable oils by differential scanning calorimetry and Rancimat methods. <i>Thermochimica Acta</i> , <b>2009</b> , 484, 1-3	2.9	34
18	Synthesis and application of calix[4]arene based resin for the removal of azo dyes. <i>Journal of Hazardous Materials</i> , <b>2009</b> , 172, 234-9	12.8	52
17	Main fatty acid classes in vegetable oils by SB-ATR-Fourier transform infrared (FTIR) spectroscopy. <i>Talanta</i> , <b>2009</b> , 80, 600-6	6.2	45
16	Changes in Composition and Antioxidant and Antimicrobial Activities of Essential Oil of Fennel ( <i>Foeniculum vulgare</i> Mill.) Fruit at Different Stages of Maturity. <i>Journal of Herbs, Spices and Medicinal Plants</i> , <b>2009</b> , 15, 187-202	0.9	23
15	TRPA1: the central molecule for chemical sensing in pain pathway?. <i>Journal of Neuroscience</i> , <b>2008</b> , 28, 1019-21	6.6	22
14	Intramuscular fatty acid profile of longissimus dorsi and semitendinosus muscle from Pateri goats fed under traditional feeding system of Sindh, Pakistan. <i>Meat Science</i> , <b>2008</b> , 80, 819-22	6.4	17
13	Application of microwave heating for the fast extraction of fat content from the poultry feeds. <i>Talanta</i> , <b>2008</b> , 75, 1240-4	6.2	37

12	Chemical composition, antioxidant and antimicrobial activities of basil ( <i>Ocimum basilicum</i> ) essential oils depends on seasonal variations. <i>Food Chemistry</i> , <b>2008</b> , 108, 986-95	8.5	591
11	Correcting for underlying absorption interferences in Fourier transform infrared trans analysis of edible oils using two-dimensional correlation techniques. <i>Journal of Agricultural and Food Chemistry</i> , <b>2008</b> , 56, 1532-7	5.7	20
10	Improved Extraction Method for the Determination of Iron, Copper, and Nickel in New Varieties of Sunflower Oil by Atomic Absorption Spectroscopy. <i>Journal of AOAC INTERNATIONAL</i> , <b>2008</b> , 91, 400-407	1.7	32
9	Monitoring of Fat Content, Free Fatty Acid and Fatty Acid Profile Including trans Fat in Pakistani Biscuits. <i>JAACS, Journal of the American Oil Chemists Society</i> , <b>2008</b> , 85, 1057-1061	1.8	23
8	GC-MS quantification of fatty acid profile including trans FA in the locally manufactured margarines of Pakistan. <i>Food Chemistry</i> , <b>2008</b> , 109, 207-11	8.5	44
7	Rapid determination of free fatty acids in poultry feed lipid extracts by SB-ATR FTIR spectroscopy. <i>Journal of Agricultural and Food Chemistry</i> , <b>2007</b> , 55, 4928-32	5.7	34
6	Improved Determination of Isolated trans Isomers in Edible Oils by Fourier Transform Infrared Spectroscopy Using Spectral Reconstitution. <i>Journal of AOAC INTERNATIONAL</i> , <b>2007</b> , 90, 446-451	1.7	15
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