Feride Severcan

List of Publications by Year
in descending order

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145	4,869	94433	114465
papers	citations	37 h-index	63 g-index

148	148	148	4822
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The structural effects of Vitamin A deficiency on biological macromolecules due to ethanol consumption and withdrawal: An <scp>FTIR</scp> study with chemometrics. Journal of Biophotonics, 2022, , e202100377.	2.3	1
2	Vitamin E Derivative with Modified Side Chain Induced Apoptosis by Modulating the Cellular Lipids and Membrane Dynamics in MCF7 Cells. Cell Biochemistry and Biophysics, 2021, 79, 271-287.	1.8	1
3	Biomolecular changes and subsequent time-dependent recovery in hippocampal tissue after experimental mild traumatic brain injury. Scientific Reports, 2021, 11, 12468.	3.3	10
4	Fourier Transform Infrared Imagingâ€"A Novel Approach to Monitor Bio Molecular Changes in Subacute Mild Traumatic Brain Injury. Brain Sciences, 2021, 11, 918.	2.3	2
5	Novel approaches for COVID-19 diagnosis and treatment: a nonsystematic review. Turkish Journal of Biology, 2021, 45, 358-371.	0.8	3
6	CoronaVac (Sinovac) COVID-19 vaccine-induced molecular changes in healthy human serum by infrared spectroscopy coupled with chemometrics. Turkish Journal of Biology, 2021, 45, 549-558.	0.8	15
7	Discrimination of heavy metal acclimated environmental strains by chemometric analysis of FTIR spectra. Ecotoxicology and Environmental Safety, 2020, 202, 110953.	6.0	14
8	Dose-Dependent Differentiation of Gamma-Irradiated Hazelnut Samples by Mid-Infrared Spectroscopy Coupled with Chemometrics. Journal of Spectroscopy, 2020, 2020, 1-9.	1.3	2
9	Bacterial Biofilms in Bioremediation of Metal-Contaminated Aquatic Environments. Environmental Chemistry for A Sustainable World, 2020, , 117-135.	0.5	0
10	Methylation, sugar puckering and Z-form status of DNA from a heavy metal-acclimated freshwater Gordonia sp.. Journal of Photochemistry and Photobiology B: Biology, 2019, 198, 111580.	3.8	20
11	The effects of radioprotectant and potential antioxidant agent amifostine on the structure and dynamics of DPPC and DPPG liposomes. Biochimica Et Biophysica Acta - Biomembranes, 2019, 1861, 1240-1251.	2.6	15
12	Infrared Spectroscopy Offers Tremendous Potential in Cancer Diagnosis. Biophysical Journal, 2019, 116, 568a.	0.5	0
13	Applications of Infrared Spectroscopy and Microscopy in Diagnosis of Obesity. , 2019, , .		1
14	Interaction of the cholesterol reducing agent simvastatin with zwitterionic DPPC and charged DPPG phospholipid membranes. Biochimica Et Biophysica Acta - Biomembranes, 2019, 1861, 810-818.	2.6	27
15	Investigation of the Structural Effects of Radiotherapy Dose Rate on Rat Lung Tissue: An FTIR Imaging Study. Biophysical Journal, 2019, 116, 565a-566a.	0.5	0
16	Molecular characterization of acutely and gradually heavy metal acclimated aquatic bacteria by FTIR spectroscopy. Journal of Biophotonics, 2019, 12, e201800301.	2.3	20
17	Infrared Spectroscopy and Imaging in Stem Cells and Aging Research. Methods in Molecular Biology, 2018, 2045, 201-215.	0.9	9
18	Relapsing-Remitting Multiple Sclerosis diagnosis from cerebrospinal fluids via Fourier transform infrared spectroscopy coupled with multivariate analysis. Scientific Reports, 2018, 8, 1025.	3.3	59

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19	Aspects of silver tolerance in bacteria: infrared spectral changes and epigenetic clues. Journal of Biophotonics, 2018, 11, e201700252.	2.3	22
20	Rapid classification of heavy metal-exposed freshwater bacteria by infrared spectroscopy coupled with chemometrics using supervised method. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 189, 282-290.	3.9	38
21	Side-Effects of Convulsive Seizures and Anti-Seizure Therapy on Bone in a Rat Model of Epilepsy. Applied Spectroscopy, 2018, 72, 689-705.	2.2	11
22	Diagnosis of malignant pleural mesothelioma from pleural fluid by Fourier transform-infrared spectroscopy coupled with chemometrics. Journal of Biomedical Optics, 2018, 23, 1.	2.6	21
23	Valdecoxib Recovers the Lipid Composition, Order and Dynamics in Colon Cancer Cell Lines Independent of COX-2 Expression: An ATR-FTIR Spectroscopy Study. Applied Spectroscopy, 2017, 71, 105-117.	2.2	16
24	Triglyceride dependent differentiation of obesity in adipose tissues by FTIR spectroscopy coupled with chemometrics. Journal of Biophotonics, 2017, 10, 1345-1355.	2.3	20
25	P3.03-052 Diagnostic Utility of Mesothelin, Osteopontin and Megakaryocyte Potentiation Factor in Turkish Patients with Malignant Mesothelioma. Journal of Thoracic Oncology, 2017, 12, S1377-S1378.	1.1	0
26	Secondary structure and conformational change of mushroom polyphenol oxidase during thermosonication treatment by using FTIR spectroscopy. Food Chemistry, 2017, 214, 507-514.	8.2	53
27	Bladder cancer diagnosis from bladder wash by Fourier transform infrared spectroscopy as a novel test for tumor recurrence. Journal of Biophotonics, 2016, 9, 967-975.	2.3	31
28	Differentiation of Chronic and Aggressive Periodontitis by FTIR Spectroscopy. Journal of Dental Research, 2016, 95, 1472-1478.	5.2	16
29	Structural and functional damages of whole body ionizing radiation on rat brain homogenate membranes and protective effect of amifostine. International Journal of Radiation Biology, 2016, 92, 837-848.	1.8	27
30	Early Alterations in Bone Characteristics of Type I Diabetic Rat Femur: A Fourier Transform Infrared (FT-IR) Imaging Study. Applied Spectroscopy, 2016, 70, 2005-2015.	2.2	19
31	Monitoring radiation induced alterations in biological systems, from molecules to tissues, through infrared spectroscopy. Applied Spectroscopy Reviews, 2016, 51, 839-863.	6.7	4
32	Monitoring of tryptophan as a biomarker for cancerous cells in Terahertz (THz) sensing. Proceedings of SPIE, 2016, , .	0.8	3
33	Restoring effect of selenium on the molecular content, structure and fluidity of diabetic rat kidney brush border cell membrane. Biochimica Et Biophysica Acta - Biomembranes, 2016, 1858, 845-854.	2.6	27
34	Structural effects of simvastatin on rat liver tissue: Fourier transform infrared and Raman microspectroscopic studies. Journal of Biomedical Optics, 2016, 21, 025008.	2.6	12
35	Investigation of neurodegenerative diseases from body fluid samples using Fourier transform infrared spectroscopy. Biomedical Spectroscopy and Imaging, 2015, 4, 341-357.	1.2	16
36	Investigation of Gender Effect on Obesity using a Model of Inbreed Obese Mouse Lines by Fourier Transform Infrared Imaging. Biophysical Journal, 2015, 108, 626a.	0.5	0

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37	Ionizing Radiation Induces Structural and Functional Damage on the Molecules of Rat Brain Homogenate Membranes: A Fourier Transform Infrared (FT-IR) Spectroscopic Study. Applied Spectroscopy, 2015, 69, 154-164.	2.2	22
38	Lipid Profiles of Adipose and Muscle Tissues in Mouse Models of Juvenile Onset of Obesity without High Fat Diet Induction: A Fourier Transform Infrared (FT-IR) Spectroscopic Study. Applied Spectroscopy, 2015, 69, 679-688.	2.2	12
39	Vitamin A deficiency induces structural and functional alterations in the molecular constituents of the rat hippocampus. British Journal of Nutrition, 2015, 113, 45-55.	2.3	7
40	FTIR imaging of structural changes in visceral and subcutaneous adiposity and brown to white adipocyte transdifferentiation. Analyst, The, 2015, 140, 2205-2214.	3.5	40
41	Effect of thermal treatment on secondary structure and conformational change of mushroom polyphenol oxidase (PPO) as food quality related enzyme: A FTIR study. Food Chemistry, 2015, 187, 263-269.	8.2	70
42	Quick Discrimination of Heavy Metal Resistant Bacterial Populations Using Infrared Spectroscopy Coupled with Chemometrics. Analytical Chemistry, 2015, 87, 9653-9661.	6.5	27
43	Differentiation of Anatolian honey samples from different botanical origins by ATR-FTIR spectroscopy using multivariate analysis. Food Chemistry, 2015, 170, 234-240.	8.2	154
44	Phylogeny of cultivated and wild wheat species using ATRâ€“FTIR spectroscopy. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 135, 757-763.	3.9	42
45	Co-doping of hydroxyapatite with zinc and fluoride improves mechanical and biological properties of hydroxyapatite. Progress in Natural Science: Materials International, 2014, 24, 340-349.	4.4	101
46	Structural and functional characterization of simvastatin-induced myotoxicity in different skeletal muscles. Biochimica Et Biophysica Acta - General Subjects, 2014, 1840, 406-415.	2.4	58
47	Interactions of tamoxifen with distearoyl phosphatidylcholine multilamellar vesicles: FTIR and DSC studies. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 130, 250-256.	3.9	43
48	Investigation of Compositional, Structural, and Dynamical Changes of Pentylenetetrazol-Induced Seizures on a Rat Brain by FT-IR Spectroscopy. Analytical Chemistry, 2014, 86, 1395-1403.	6.5	26
49	Agomelatine strongly interacts with zwitterionic DPPC and charged DPPG membranes. Biochimica Et Biophysica Acta - Biomembranes, 2014, 1838, 2798-2806.	2.6	22
50	Structural investigation of donor age effect on human bone marrow mesenchymal stem cells: FTIR spectroscopy and imaging. Age, 2014, 36, 9691.	3.0	9
51	Epileptic seizures induce structural and functional alterations on brain tissue membranes. Biochimica Et Biophysica Acta - Biomembranes, 2014, 1838, 3088-3096.	2.6	33
52	FTIR spectroscopy offers hints towards widespread molecular changes in cobalt-acclimated freshwater bacteria. Aquatic Toxicology, 2014, 155, 15-23.	4.0	35
53	Concentration-Based Measurement Studies of L-Tryptophan Using Terahertz Time-Domain Spectroscopy (THz-TDS). Applied Spectroscopy, 2014, 68, 95-100.	2.2	17
54	Epileptic seizure-induced structural and functional changes in rat femur and tibia bone tissues: a Fourier transform infrared imaging study. Journal of Biomedical Optics, 2013, 18, 111409.	2.6	14

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55	Characterization by Fourier transform infrared spectroscopy of hydroxyapatite co-doped with zinc and fluoride. Ceramics International, 2013, 39, 7727-7733.	4.8	73
56	Concentration-dependent effect of melatonin on DSPC membrane. Journal of Molecular Structure, 2013, 1052, 183-188.	3.6	14
57	Epileptic Seizures-Induced Structural Changes in Rat Spine Bone Tissues: FTIR Microspectroscopic and Chemometric Study. Biophysical Journal, 2013, 104, 231a.	0.5	0
58	Application of FTIR Imaging on Healthy (Donor Age Effect) and Disease (Beta Thalassemia Major) States. Biophysical Journal, 2013, 104, 338a-339a.	0.5	0
59	Acyl chain length and charge effect on Tamoxifenâ€"lipid model membrane interactions. Journal of Molecular Structure, 2013, 1040, 75-82.	3.6	29
60	Progress in vibrational spectroscopy in diagnosis and screening. Biomedical Spectroscopy and Imaging, 2013, 2, 73-81.	1.2	7
61	Celecoxib reduces fluidity and decreases metastatic potential of colon cancer cell lines irrespective of COX-2 expression. Bioscience Reports, 2012, 32, 35-44.	2.4	29
62	Structural alterations in rat liver proteins due to streptozotocin-induced diabetes and the recovery effect of selenium: Fourier transform infrared microspectroscopy and neural network study. Journal of Biomedical Optics, 2012, 17, 0760231.	2.6	31
63	Bone Marrow Mesenchymal Stem Cells in Patients with Beta Thalassemia Major: Molecular Analysis with Attenuated Total Reflection-Fourier Transform Infrared Spectroscopy Study as a Novel Method. Stem Cells and Development, 2012, 21, 2000-2011.	2.1	23
64	Amifostine, a radioprotectant agent, protects rat brain tissue lipids against ionizing radiation induced damage: An FTIR microspectroscopic imaging study. Archives of Biochemistry and Biophysics, 2012, 520, 67-73.	3.0	101
65	Role of Vibrational Spectroscopy in Stem Cell Research. Spectroscopy, 2012, 27, 167-184.	0.8	36
66	Biophysical and microbiological study of high hydrostatic pressure inactivation of Bovine Viral Diarrheavirus type 1 on serum. Veterinary Microbiology, 2012, 154, 266-271.	1.9	3
67	Impacts of salinity and fish-exuded kairomone on the survival and macromolecular profile of Daphnia pulex. Ecotoxicology, 2012, 21, 601-614.	2.4	36
68	FTIR spectroscopic imaging of mesenchymal stem cells in beta thalassemia major disease state. Biomedical Spectroscopy and Imaging, 2012, 1, 67-78.	1.2	1
69	Screening of Protective Effect of Amifostine on Radiation-Induced Structural and Functional Variations in Rat Liver Microsomal Membranes by FT-IR Spectroscopy. Analytical Chemistry, 2011, 83, 2438-2444.	6.5	73
70	Effects of the non-steroidal anti-inflammatory drug celecoxib on cholesterol containing distearoyl phosphatidylcholine membranes. Spectroscopy, 2011, 25, 177-185.	0.8	4
71	The Effects of Short-Term Chronic Ethanol Intoxication and Ethanol Withdrawal on the Molecular Composition of the Rat Hippocampus by FT-IR Spectroscopy. Alcoholism: Clinical and Experimental Research, 2011, 35, 2050-2062.	2.4	18
72	Convulsant agent pentylenetetrazol does not alter the structural and dynamical properties of dipalmitoylphosphatidylcholine model membranes. Journal of Pharmaceutical and Biomedical Analysis, 2011, 54, 379-386.	2.8	12

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73	Structural characterization of recombinant bovine GoÎ±by spectroscopy and homology modeling. Spectroscopy, 2011, 26, 213-229.	0.8	1
74	Molecular approach to the chemical characterization of fish-exuded kairomone: a Fourier transform infrared spectroscopic study. Aquatic Sciences, 2010, 72, 71-83.	1.5	17
75	FTâ€IR spectroscopy in diagnosis of diabetes in rat animal model. Journal of Biophotonics, 2010, 3, 621-631.	2.3	68
76	Determination of simvastatin-induced changes in bone composition and structure by Fourier transform infrared spectroscopy in rat animal model. Journal of Pharmaceutical and Biomedical Analysis, 2010, 52, 580-588.	2.8	44
77	Celecoxib-loaded liposomes: effect of cholesterol on encapsulation and in vitro release characteristics. Bioscience Reports, 2010, 30, 365-373.	2.4	89
78	Low dose simvastatin induces compositional, structural and dynamic changes in rat skeletal extensor digitorum longus muscle tissue. Bioscience Reports, 2010, 30, 41-50.	2.4	37
79	Characterization of microRNA-125b expression in MCF7 breast cancer cells by ATR-FTIR spectroscopy. Analyst, The, 2010, 135, 3094.	3.5	95
80	Evaluation and discrimination of simvastatin-induced structural alterations in proteins of different rat tissues by FTIR spectroscopy and neural network analysis. Analyst, The, 2010, 135, 3233.	3.5	27
81	Diabetes induces compositional, structural and functional alterations on rat skeletal soleus muscle revealed by FTIR spectroscopy: a comparative study with EDL muscle. Analyst, The, 2010, 135, 3110.	3.5	68
82	Concentration-dependent differing actions of the nonsteroidal anti-inflammatory drug, celecoxib, in distearoyl phosphatidylcholine multilamellar vesicles. Journal of Liposome Research, 2010, 20, 168-177.	3.3	13
83	Use of Fourier transform infrared spectroscopy for rapid comparative analysis of Bacillus and Micrococcus isolates. Food Chemistry, 2009, 113, 1301-1307.	8.2	83
84	Evaluation of high hydrostatic pressure effects on bovine red blood cells and platelets. High Pressure Research, 2009, 29, 358-368.	1.2	1
85	Amifostine, a Radioprotectant Agent, Protects Rat Hepatic Microsomal Membranes Against Ionizing Radiation Induced Damage. Biophysical Journal, 2009, 96, 353a.	0.5	0
86	Effects of selenium supplementation on rat heart apex and right ventricle myocardia by using FTIR spectroscopy: A cluster analysis and neural network approach. Food Chemistry, 2008, 110, 590-597.	8.2	14
87	FTIR studies of temperature influence on the DPPG model membrane. Journal of Molecular Structure, 2008, 887, 117-121.	3.6	12
88	Effects of in-Office and at-Home Bleaching on Human Enamel and Dentin: An in vitro Application of Fourier Transform Infrared Study. Applied Spectroscopy, 2008, 62, 1274-1279.	2.2	29
89	Temperature Dependence of the Phospholipids Bilayers Stability, Studied by FTIR Spectroscopy. Revista De Chimie (discontinued), 2008, 59, 356-359.	0.4	3
90	Differentiation of Mesophilic and Thermophilic Bacteria with Fourier Transform Infrared Spectroscopy. Applied Spectroscopy, 2007, 61, 186-192.	2.2	57

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91	Evaluation of Disseminated Candidiasis on an Experimental Animal Model: A Fourier Transform Infrared Study. Applied Spectroscopy, 2007, 61, 199-203.	2.2	39
92	The Characterization and Differentiation of Higher Plants by Fourier Transform Infrared Spectroscopy. Applied Spectroscopy, 2007, 61, 300-308.	2.2	72
93	Selenium alters the lipid content and protein profile of rat heart: An FTIR microspectroscopic study. Archives of Biochemistry and Biophysics, 2007, 458, 184-193.	3.0	32
94	Spectroscopy of biological nanocrystals. Spectroscopy, 2007, 21, 31-41.	0.8	0
95	Investigation of diabetes-induced effect on apex of rat heart myocardium by using cluster analysis and neural network approach: An FTIR study. Spectroscopy, 2007, 21, 269-278.	0.8	5
96	The effect of diabetes mellitus on rat skeletal extensor digitorum longus muscle tissue: An FTIR study. Spectroscopy, 2007, 21, 151-160.	0.8	13
97	Effects of lipoic acid supplementation on rat brain tissue: An FTIR spectroscopic and neural network study. Food Chemistry, 2007, 105, 1281-1288.	8.2	89
98	FTIR spectroscopic characterization of irradiated hazelnut (Corylus avellana L.). Food Chemistry, 2007, 100, 1106-1114.	8.2	143
99	Interaction between vitamin D2 and magnesium in liposomes: Differential scanning calorimetry and FTIR spectroscopy studies. Journal of Molecular Structure, 2007, 839, 19-27.	3.6	27
100	Melatonin induces opposite effects on order and dynamics of anionic DPPG model membranes. Journal of Molecular Structure, 2007, 834-836, 195-201.	3.6	20
101	Melatonin affects the order, dynamics and hydration of brain membrane lipids. Journal of Molecular Structure, 2007, 834-836, 207-215.	3.6	32
102	Concentration Dependent Different Action of Tamoxifen on Membrane Fluidity. Bioscience Reports, 2007, 27, 247-255.	2.4	29
103	17Î²-Estradiol induced compositional, structural and functional changes in rainbow trout liver, revealed by FT-IR spectroscopy: A comparative study with nonylphenol. Aquatic Toxicology, 2006, 77, 53-63.	4.0	213
104	Early alterations in myocardia and vessels of the diabetic rat heart: an FTIR microspectroscopic study. Biochemical Journal, 2006, 397, 427-436.	3.7	96
105	Effect of Gramicidin S on the Dipalmitoylphosphatidyl-glycerol Thermotropic Phase Transition in DPPG/GS Systems: A Mathematical Approach. Molecular Crystals and Liquid Crystals, 2006, 457, 27-41.	0.9	2
106	FTIR study of biodegradable biopolymers: P(3HB), P(3HB-co-4HB) and P(3HB-co-3HV). Journal of Molecular Structure, 2005, 744-747, 529-534.	3.6	59
107	Rapid monitoring of diabetes-induced lipid peroxidation by Fourier transform infrared spectroscopy: Evidence from rat liver microsomal membranes. Analytical Biochemistry, 2005, 339, 36-40.	2.4	115
108	Concentration dependent different action of progesterone on the order, dynamics and hydration states of the head group of dipalmitoyl-phosphatidylcholine membrane. Spectroscopy, 2005, 19, 213-219.	0.8	4

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109	Effect of stereotactic radiosurgery on lipids and proteins of normal and hypoperfused rat brain homogenates: A Fourier transform infrared spectroscopy study. International Journal of Radiation Biology, 2005, 81, 911-918.	1.8	34
110	Melatonin strongly interacts with zwitterionic model membranesâ€"evidence from Fourier transform infrared spectroscopy and differential scanning calorimetry. Biochimica Et Biophysica Acta - Biomembranes, 2005, 1668, 215-222.	2.6	145
111	Effect of progesterone on DPPC membrane: Evidence for lateral phase separation and inverse action in lipid dynamics. Archives of Biochemistry and Biophysics, 2005, 440, 141-147.	3.0	86
112	The effects of chronic hypoperfusion on rat cranial bone mineral and organic matrix. Analytical and Bioanalytical Chemistry, 2004, 379, 433-438.	3.7	17
113	Standardless PIXE analysis of thick biomineral structures. Analytical and Bioanalytical Chemistry, 2004, 379, 825-41.	3.7	10
114	Chronic hypoperfusion alters the content and structure of proteins and lipids of rat brain homogenates: a Fourier transform infrared spectroscopy study. European Biophysics Journal, 2004, 33, 549-554.	2.2	76
115	Using artificially generated spectral data to improve protein secondary structure prediction from Fourier transform infrared spectra of proteins. Analytical Biochemistry, 2004, 332, 238-244.	2.4	45
116	Fourier transform infrared spectroscopy suggests unfolding of loop structures precedes complete unfolding of pig citrate synthase. Biopolymers, 2003, 69, 440-447.	2.4	30
117	Competitive effect of vitamin D2 and Ca2+ on phospholipid model membranes: an FTIR study. Chemistry and Physics of Lipids, 2003, 123, 165-176.	3.2	61
118	FT-IR Spectroscopic Analysis of Rainbow Trout Liver Exposed to Nonylphenol. Applied Spectroscopy, 2003, 57, 835-841.	2.2	86
119	Fourier Transform Infrared Spectroscopic Studies of Diabetic Rat Heart Crude Membranes. Spectroscopy, 2003, 17, 569-577.	0.8	23
120	FTIR Spectroscopic Investigation of Mineral Structure of Streptozotocin Induced Diabetic Rat Femur and Tibia. Spectroscopy, 2003, 17, 627-633.	0.8	16
121	Infrared Spectroscopic Studies on the Dipalmitoyl Phosphatidylcholine Bilayer Interactions with Calcium Phosphate: Effect of Vitamin D₂. Spectroscopy, 2002, 16, 399-408.	0.8	19
122	Vitamin D2at high and low concentrations exert opposing effects on molecular order and dynamics of dipalmitoyl phosphatidylcholine membranes. Spectroscopy, 2001, 15, 47-55.	0.8	36
123	Thermodynamics study of gramicidin S and dipalmitoylphosphatidylcholine model membrane interactions based on the FTIR spectroscopy. Journal of Molecular Structure, 2001, 565-566, 281-285.	3.6	8
124	Estimation of protein secondary structure from FTIR spectra using neural networks. Journal of Molecular Structure, 2001, 565-566, 383-387.	3.6	29
125	Tamoxifen Increases Membrane Fluidity at High Concentrations. Bioscience Reports, 2000, 20, 177-184.	2.4	40
126	A biomechanical and spectroscopic study of bone from rats with selenium deficiency and toxicity. BioMetals, 2000, 13, 113-121.	4.1	23

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127	Development of biotechnology education in Turkey. Biochemical Education, 2000, 28, 36-38.	0.1	8
128	The effect of magnesium ions on vitamin D2-phospholipid model membrane interactions in the presence of different buffer media. Talanta, 2000, 53, 23-27.	5.5	8
129	Fourier transform infrared study of the effect of diabetes on rat liver and heart tissues in the C_H region. Talanta, 2000, 53, 55-59.	5.5	66
130	Vitamin D2 modulates melittinÃ¢Â€Â“membrane interactions. Talanta, 2000, 53, 205-211.	5.5	15
131	Application of turbidity technique on peptide-lipid and drug-lipid interactions. Journal of Molecular Structure, 1999, 482-483, 693-697.	3.6	15
132	FTIR spectroscopic characterization of protein structure in aqueous and non-aqueous media. Journal of Molecular Catalysis B: Enzymatic, 1999, 7, 207-221.	1.8	415
133	68 Vitamin D-Melittin-Phospholipid Model Membrane Interactions. Biochemical Society Transactions, 1998, 26, S359-S359.	3.4	0
134	ESR STUDIES OF PIG CITRATE SYNTHASE. Biochemical Society Transactions, 1997, 25, 380S-380S.	3.4	0
135	FTIR STUDIES OF VITAMIN D2- MODEL MEMBRANE INTERACTIONS. Biochemical Society Transactions, 1997, 25, 449S-449S.	3.4	1
136	TURBIDITY STUDIES OF THE EFFECT OF DIVALENT CATIONS ON TAMOXIFEN-MODEL MEMBRANE INTERACTIONS. Biochemical Society Transactions, 1997, 25, 493S-493S.	3.4	1
137	Vitamin E Decreases the Order of the Phospholipid Model Membranes in the Gel Phase: An FTIR Study. Bioscience Reports, 1997, 17, 231-235.	2.4	48
138	Oestrogen-phospholipid membrane interactions: an FTIR study. Journal of Molecular Structure, 1997, 408-409, 269-272.	3.6	20
139	Tamoxifen-model membrane interactions: an FT-IR study. Journal of Molecular Structure, 1997, 408-409, 265-268.	3.6	16
140	Investigation of the fluidity of biological fluids with a PDDTBN spin probe. Journal of Molecular Structure, 1997, 408-409, 279-281.	3.6	1
141	FTIR SPECTROSCOPIC ANALYSIS OF THE STRUCTURE AND STABILITY OF PIG CITRATE SYNTHASE. Biochemical Society Transactions, 1996, 24, 299S-299S.	3.4	1
142	IR and turbidity studies of vitamin E-cholesterol-phospholipid membrane interactions. Bioscience Reports, 1995, 15, 221-229.	2.4	25
143	A spin label ESR and saturation transfer ESR study of Î±-tocopherol containing model membranes. Chemistry and Physics of Lipids, 1990, 53, 17-26.	3.2	27
144	Model membrane partition ESR study in the presence of Î±-tocopherol by a new spin probe. Bioscience Reports, 1989, 9, 489-495.	2.4	6

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145	Characterization and Differentiation of Adipose Tissue by Spectroscopic and Spectral Imaging Techniques. , 0, , .		6