

Sefa Celik

List of Publications by Year in descending order

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51
papers

399
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759233

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54
times ranked

325
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural and spectroscopic investigation on antioxidant dipeptide, l-Methionyl- l-Serine: A combined experimental and DFT study. <i>Journal of Molecular Structure</i> , 2017, 1137, 756-770.	3.6	28
2	Vibrational spectroscopic characterization and structural investigations of Cepharanthine, a natural alkaloid. <i>Journal of Molecular Structure</i> , 2022, 1258, 132693.	3.6	25
3	Infrared and Raman spectroscopic and quantum chemical investigations of zinc halide complexes of 3-aminoquinoline. <i>Vibrational Spectroscopy</i> , 2010, 53, 151-157.	2.2	23
4	Structural and IR and Raman spectral analysis of cyclo(His-Phe) dipeptide. <i>Vibrational Spectroscopy</i> , 2012, 61, 54-65.	2.2	23
5	Synthesis, FT-IR and NMR characterization, antimicrobial activity, cytotoxicity and DNA docking analysis of a new anthraquinone derivate compound. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020, 38, 756-770.	3.5	23
6	Vibrational spectroscopic investigation of free and coordinated 5-aminoquinoline: The IR, Raman and DFT studies. <i>Journal of Molecular Structure</i> , 2009, 924-926, 523-530.	3.6	22
7	Conformational analysis and vibrational spectroscopic investigation of l-proline-tyrosine (l-Pro-Tyr) dipeptide. <i>Journal of Molecular Structure</i> , 2011, 993, 349-356.	3.6	21
8	Comparative study of antitumor active cyclo(Gly-Leu) dipeptide: A computational and molecular modeling study. <i>Vibrational Spectroscopy</i> , 2016, 83, 57-69.	2.2	20
9	Synthesis, molecular docking and ADMET study of ionic liquid as anticancer inhibitors of DNA and COX-2, TOPII enzymes. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020, 38, 1354-1364.	3.5	15
10	Structural and spectral analysis of anticancer active cyclo(Ala-His) dipeptide. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 660-672.	3.5	15
11	Molecular modeling, DFT quantum chemical analysis, and molecular docking on edotecarin, an indolocarbazole anticancer agent. <i>Molecular Crystals and Liquid Crystals</i> , 2023, 753, 27-49.	0.9	15
12	Conformational analysis and vibrational spectroscopic investigation of L-alanyl-L-glutamine dipeptide. <i>Spectroscopy</i> , 2010, 24, 219-232.	0.8	12
13	Synthesis, FT-IR and NMR Characterization, Antibacterial and Antioxidant Activities, and DNA Docking Analysis of a New Vanillin-Derived imine Compound. <i>Journal of Molecular Structure</i> , 2021, 1236, 130288.	3.6	12
14	Vibrational spectroscopic and structural investigations of bioactive molecule Glycyl-Tyrosine (Gly-Tyr). <i>Vibrational Spectroscopy</i> , 2017, 92, 287-297.	2.2	11
15	Investigations of the Neolithic potteries of 6th millennium BC from GÃytepe-Azerbaijan by vibrational spectroscopy and chemometric techniques. <i>Vibrational Spectroscopy</i> , 2019, 105, 102980.	2.2	11
16	Molecular modelling and vibrational investigations of ammonium-based ionic liquid (CLTOAB). <i>Journal of Biomolecular Structure and Dynamics</i> , 2019, 37, 2515-2526.	3.5	10
17	Evaluation of anti-cancer and anti-covid-19 properties of cationic pentapeptide Glu-Gln-Arg-Pro-Arg, from rice bran protein and its d-isomer analogs through molecular docking simulations. <i>Journal of Molecular Graphics and Modelling</i> , 2021, 108, 107999.	2.4	10
18	Conformational preferences, experimental and theoretical vibrational spectra of cyclo(Gly-Val) dipeptide. <i>Journal of Molecular Structure</i> , 2011, 993, 341-348.	3.6	9

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19	Structural and vibrational study of primidone based on monomer and dimer calculations. Journal of Biomolecular Structure and Dynamics, 2015, 33, 911-923.	3.5	9
20	Vibrational spectroscopic characterization, quantum chemical and molecular docking studies of Valyl-Methionine dipeptide. Spectroscopy Letters, 2020, 53, 648-663.	1.0	9
21	Synthesis, antimicrobial activity, molecular docking and ADMET study of a caprolactam-glycine cluster. Journal of Biomolecular Structure and Dynamics, 2021, 39, 2376-2386.	3.5	9
22	Synthesis, molecular modelling, FT-IR, Raman and NMR characterization, molecular docking and ADMET study of new nickel(II) complex with an N ₄ -tetradentate thiosemicarbazone. Journal of Biomolecular Structure and Dynamics, 2021, 39, 4212-4224.	3.5	8
23	Molecular Modeling, Dimer Calculations, Vibrational Spectra, and Molecular Docking Studies of 5-Chlorouracil. Journal of Applied Spectroscopy, 2020, 86, 975-985.	0.7	7
24	The conformational and vibrational behavior of the inhibitory neuropeptide derived from beta-endorphin. Journal of Biomolecular Structure and Dynamics, 2017, 35, 585-602.	3.5	6
25	Lupeol inhibits pesticides induced hepatotoxicity via reducing oxidative stress and inflammatory markers in rats. Food and Chemical Toxicology, 2022, 164, 113068.	3.6	6
26	Structural and Vibrational Study on Monomer and Dimer Forms and Water Clusters of Acetazolamide. Journal of Spectroscopy, 2013, 2013, 1-13.	1.3	5
27	Structural and vibrational spectroscopic elucidation of sulphiride in solid state. Journal of Biomolecular Structure and Dynamics, 2015, 33, 322-343.	3.5	5
28	Dielectric and Raman spectroscopy of TlSe thin films. Physica B: Condensed Matter, 2017, 527, 72-77.	2.7	5
29	Interactions mechanism of commonly used drugs for the treatment of Covid-19. Bulletin of the Chemical Society of Ethiopia, 2021, 34, 613-623.	1.1	5
30	Synthesis, vibrational spectroscopic investigation, molecular docking, antibacterial and antimicrobial studies of a new anthraquinone derivative compound. Spectroscopy Letters, 2022, 55, 259-277.	1.0	4
31	Counterpoise Correction on the Geometries and Vibrational Frequencies of Acetazolamide Dimers. Asian Journal of Chemistry, 2013, 25, 8151-8156.	0.3	3
32	Structural analysis, spectroscopic characterization and molecular docking studies of the cyclic heptapeptide. Journal of Biomolecular Structure and Dynamics, 2018, 36, 2407-2423.	3.5	3
33	Investigations of Archaeological Glass Bracelets and Perfume Bottles Excavated in Ancient Ainos (Enez) by Multiple Analytical Techniques. Journal of Applied Spectroscopy, 2018, 85, 178-183.	0.7	2
34	The Role of Multivariate Analysis on the Interpretation of FTIR and Raman Spectra. Advances in Chemical and Materials Engineering Book Series, 2020, , 104-129.	0.3	2
35	Molecular Structure, Vibrational Spectra, Molecular Docking, and ADMET Study of Cellulose Triacetate II. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2020, 128, 1138-1150.	0.6	1
36	Molecular Structure, Molecular Docking and Absorption, Distribution, Metabolism, Excretion and Toxicity study of cellulose II. Journal of the Chinese Chemical Society, 2021, 68, 1250-1262.	1.4	1

#	ARTICLE	IF	CITATIONS
37	Antimikrobiyal ve Antikanser Aktiviteye Sahip Cyclo(Trp-Trp) Dipeptidinin 3-Boyutlu Moleküller Yapısal Özellikleri. Yüzüncü Yılı Üniversitesi Fen Bilimleri Enstitüsü Dergisi, 2021, 26, .	0.3	1
38	The Importance of Anthraquinone and Its Analogues and Molecular Docking Calculation. Advances in Bioinformatics and Biomedical Engineering Book Series, 2019, , 177-205.	0.4	1
39	Flavonoids. Advances in Medical Diagnosis, Treatment, and Care, 2022, , 265-296.	0.1	1
40	Conformational, Toxic, Physicochemical and Molecular Docking Analysis of the Anticancer Acalabrutinib Molecule. , 2022, 7, 1-9.		1
41	Non-Linear Optical Properties of Primidone. Asian Journal of Chemistry, 2015, 27, 1932-1934.	0.3	0
42	Practical aspects. , 2017, , 281-299.		0
43	Using Raman Spectroscopy to Investigate the Molecular Level Characteristics of Endometriosis. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2020, 128, 1318-1327.	0.6	0
44	Alzheimer Hastalığı Tedavisinde Etkili Cyclo(Phe-Phe) Dipeptidinin Konformasyon Analizi. Yüzüncü Yılı Üniversitesi Fen Bilimleri Enstitüsü Dergisi, 0, , .	0.3	0
45	Role of Alloying Elements on Powder Metallurgy Steels and Spectroscopic Applications on Them. Advances in Chemical and Materials Engineering Book Series, 2021, , 226-246.	0.3	0
46	The Importance of Ionic Liquids and Applications on Their Molecular Modeling. Advances in Bioinformatics and Biomedical Engineering Book Series, 2019, , 206-230.	0.4	0
47	Characterization and Spectroscopic Applications of Metal Foams From New Lightweight Materials. Advances in Chemical and Materials Engineering Book Series, 2022, , 339-362.	0.3	0
48	Spectroscopic Applications in Pharmaceuticals and Food. Advances in Medical Technologies and Clinical Practice Book Series, 2022, , 122-137.	0.3	0
49	Raman spectroscopic investigation of the wear effect on the titanium carbonitride/aluminum oxide/titanium nitride coated cutting tool. Spectroscopy Letters, 2022, 55, 172-182.	1.0	0
50	Molecular docking of the pentapeptide derived from rice bran protein as anticancer agent inhibiting both receptor and non-receptor tyrosine kinases. Journal of Biomolecular Structure and Dynamics, 2022, , 1-23.	3.5	0
51	1,4-Bis(2-Kloro-4-Nitrofenil)Piperazin Moleküller Yapısal Özellikleri ve DNA ile Moleküller Kenetlenme Analizi. , 0, , .		0