

GÃ¼khan Dikmen

List of Publications by Year in descending order

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29
papers

198
citations

1307594

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h-index

1125743

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g-index

30
all docs

30
docs citations

30
times ranked

246
citing authors

#	ARTICLE	IF	CITATIONS
1	Solid lipid nanoparticles: Reversal of tamoxifen resistance in breast cancer. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 120, 73-88.	4.0	49
2	Synthesis, spectroscopic characterization (FT-IR, Raman, UV-VIS, XRD), DFT studies and DNA binding properties of $[\text{Ni}(\text{C}_6\text{H}_5\text{CH}_2\text{COO})(\text{C}_{12}\text{H}_8\text{N}_2)_2](\text{ClO}_4)(\text{CH}_3\text{OH})$ compound. <i>Journal of Molecular Structure</i> , 2020, 1209, 127955.	3.6	20
3	NMR, FT-IR, Raman and UV-Vis spectroscopic investigation and DFT study of 6-Bromo-3-Pyridinyl Boronic Acid. <i>Journal of Molecular Structure</i> , 2015, 1099, 625-632.	3.6	15
4	Structure analysis and spectroscopic characterization of 2-Fluoro-3-Methylpyridine-5-Boronic Acid with experimental (FT-IR, Raman, NMR and XRD) techniques and quantum chemical calculations. <i>Journal of Molecular Structure</i> , 2016, 1108, 103-111.	3.6	14
5	Structural characterization, solvent effects on nuclear magnetic shielding tensors, experimental and theoretical DFT studies on the vibrational and NMR spectra of 3-(acrylamido)phenylboronic acid. <i>Journal of Molecular Structure</i> , 2015, 1102, 285-294.	3.6	12
6	Ultrasensitive detection of amoxicillin using the plasmonic silver nanocube as SERS active substrate. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 278, 121308.	3.9	11
7	Talazoparib Loaded Solid Lipid Nanoparticles: Preparation, Characterization and Evaluation of the Therapeutic Efficacy In vitro. <i>Current Drug Delivery</i> , 2019, 16, 511-529.	1.6	10
8	Palladium (II) complex: Synthesis, spectroscopic studies and DFT calculations. <i>Chemical Physics Letters</i> , 2019, 716, 49-60.	2.6	10
9	4-Methyl-1H-Indazole-5-Boronic acid: Crystal structure, vibrational spectra and DFT simulations. <i>Journal of Molecular Structure</i> , 2017, 1150, 299-306.	3.6	8
10	NMR determination of solvent dependent behavior and XRD structural properties of 4-carboxy phenylboronic acid: A DFT supported study. <i>Chemical Physics Letters</i> , 2018, 698, 114-119.	2.6	7
11	Experimental nuclear magnetic resonance spectral assignments, $^1\text{H}/^{13}\text{C}$ GIAO calculations, molecular structure and molecular resonance states of 4-Methyl-1H-Indazole-5-Boronic acid. <i>Journal of Molecular Structure</i> , 2018, 1156, 136-145.	3.6	6
12	Structural characterization of interaction between SWCNTs and 6-phenyl-2-thiouracil by molecular spectroscopic methods. <i>Chemical Physics Letters</i> , 2019, 734, 136734.	2.6	5
13	Investigation of tautomeric behavior of 3-amino-4-[4-(dimethylamino)phenyl]-4,5-dihydro-1,2,5-thiadiazole 1,1-dioxide using Fourier Transform infrared and nuclear magnetic resonance spectroscopic methods: A density functional theory supported study. <i>Chemical Physics Letters</i> , 2016, 661, 151-156.	2.6	4
14	A new Pd(II)-Hydrazide-Triphenylphosphine complex: Synthesis, crystal structure, spectroscopic characterization and theoretical calculations. <i>Journal of Molecular Structure</i> , 2021, 1225, 129139.	3.6	4
15	Investigation of non-covalent complex formation between 2-(4-hydroxyphenylazo) benzoic acid and β -Cyclodextrin in solid and solution forms. <i>Journal of Molecular Liquids</i> , 2021, 335, 116278.	4.9	4
16	Determination of the solubility of 2-Methyl-1,3-benzothiazol-5-amine molecule with aqueous ethanol by NMR spectroscopy. <i>Journal of Molecular Liquids</i> , 2018, 272, 851-856.	4.9	3
17	Molecule decomposition via plasma jet at atmospheric pressure. <i>Journal of Molecular Liquids</i> , 2019, 277, 912-920.	4.9	3
18	The Raman, SERS and computational studies of 3,5-dimethoxy-4-hydroxycinnamic acid and its silver complex. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 225, 117520.	3.9	3

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19	The application of qNMR for the determination of rosuvastatin in tablet form. Turkish Journal of Chemistry, 2021, 45, 132-142.	1.2	3
20	An investigation onto the molecular structure of 5-chloro-3-(2-(4-ethylpiperazine-1-yl)-2-oxoethyl)benzo[d]thiazole-2(3H)-on drug molecule before and after atmospheric pressure plasma treatment. Journal of Molecular Structure, 2018, 1159, 135-146.	3.6	2
21	Synthesis, spectroscopic characterization and theoretical studies of (4-boronobenzoyl)serine. Chemical Physics, 2020, 530, 110601.	1.9	2
22	MCF-7 Cells. Current Drug Delivery, 2016, 13, 1339-1350.	1.6	2
23	Host-guest interaction of anti-carcinogenic drug zoledronic acid with β -cyclodextrin in solid and solution forms. Journal of Molecular Structure, 2022, 1261, 132897.	3.6	1
24	NMR, FT-IR spectroscopic studies and molecular docking study of 4-acetoxyphenethyl acrylate. Journal of Theoretical and Computational Chemistry, 2017, 16, 1750025.	1.8	0
25	Synthesis and spectroscopic properties of 1-benzyl-5,6 diamino-2-thiouracil bonded graphene oxide. Journal of Molecular Structure, 2019, 1182, 95-99.	3.6	0
26	Further computations on the solubility of 2-methyl-1,3-benzothiazol-5-amine in ethanol + water mixtures at several temperatures. Physics and Chemistry of Liquids, 2020, 58, 421-431.	1.2	0
27	Investigation of Tautomeric Structures of 6-Aza-2-Thiouracil-5-Carboxylic Acid Using Vibrational Spectroscopy Along With DFT Theoretical Method. EskiÅyehir Technical University Journal of Science and Technology A - Applied Sciences and Engineering, 0, , 23-35.	0.8	0
28	Vibrational Studies of Monomer, Dimer and Trimer Structural of 4-Carboxy Phenylboronic acid. EskiÅyehir Technical University Journal of Science and Technology A - Applied Sciences and Engineering, 0, , .	0.8	0
29	Determination of drug release profile of doxorubicin encapsulated in SLN with NMR spectroscopy. Journal of Molecular Structure, 2022, 1258, 132686.	3.6	0