

# Änder Adil, - Idil

## List of Publications by Year in descending order

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18  
papers

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citing authors

#	ARTICLE	IF	CITATIONS
1	Derivatives of pyridine and thiazole hybrid: Synthesis, DFT, biological evaluation via antimicrobial and DNA cleavage activity. <i>Bioorganic Chemistry</i> , 2020, 95, 103476.	4.1	61
2	Antimicrobial activities, DNA interactions, spectroscopic (FT-IR and UV-Vis) characterizations, and DFT calculations for pyridine-2-carboxylic acid and its derivatives. <i>Journal of Molecular Structure</i> , 2018, 1152, 399-408.	3.6	42
3	New Cu(II), Co(III) and Ni(II) metal complexes based on ONO donor tridentate hydrazone: Synthesis, structural characterization, and investigation of some biological properties. <i>Journal of Molecular Structure</i> , 2020, 1199, 127012.	3.6	39
4	Viable but non-culturable state (VBNC) of <i>Escherichia coli</i> related to EnvZ under the effect of pH, starvation and osmotic stress in sea water. <i>Polish Journal of Microbiology</i> , 2009, 58, 307-17.	1.7	38
5	Synthesis, crystal structure analysis, spectral characterization, quantum chemical calculations, antioxidant and antimicrobial activity of 3-(4-chlorophenyl)-3a,4,7,7a-tetrahydro-4,7-methanobenzo[d]isoxazole. <i>Journal of Molecular Structure</i> , 2016, 1122, 219-233.	3.6	25
6	Synthesis, structural studies and antimicrobial activity of N'-((2Z)-Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 Td (3E)-3-(hydroxyimino)but-3-en-2-one)-2-aminopyridine. <i>Molecular Structure</i> , 2018, 1161, 477-485.	3.6	19
7	<i>Escherichia coli</i> : Dominance of Red Light over Other Visible Light Sources in Establishing Viable but Nonculturable State. <i>Photochemistry and Photobiology</i> , 2010, 86, 104-109.	2.5	16
8	Crystal growth, structural and spectroscopic characterization, antimicrobial activity, DNA cleavage, molecular docking and density functional theory calculations of Zn(II) complex with 2-aminopyridinecarboxylic acid. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4540.	3.5	14
9	Synthesis, characterization, biological, X-ray diffraction analysis and computational chemistry studies of new 2-acetylpyridine derivative hydrazone and its Zn(II) complex. <i>Journal of Molecular Structure</i> , 2020, 1213, 128152.	3.6	11
10	Synthesis of some novel purine derivatives incorporating tetrazole ring and investigation of their antimicrobial activity and DNA interactions. <i>Medicinal Chemistry Research</i> , 2015, 24, 1218-1225.	2.4	9
11	Investigation of antimicrobial activities, DNA interaction, structural and spectroscopic properties of 2-chloro-6-(trifluoromethyl)pyridine. <i>Journal of Molecular Structure</i> , 2017, 1137, 206-215.	3.6	8
12	Synthesis, structural characterization, Hirshfeld surface analysis, antimicrobial activity, and DNA cleavage studies of (Z)-4-methyl-N'-(phenyl(pyridin-2-yl)methylene)benzenesulfonohydrazide and its Co(II), Ni(II) and Zn(II) complexes. <i>Journal of Molecular Structure</i> , 2019, 1196, 760-770.	3.6	8
13	The Effect of UV-A and Various Visible Light Wavelengths Radiations on Expression Level of <i>Escherichia coli</i> Oxidative Enzymes in Seawater. <i>Jundishapur Journal of Microbiology</i> , 0, , .	0.5	4
14	Adenine Derivatives for Regenerable Antibacterial Surface Applications Based on A <sup>+</sup> T Base Pairing. <i>ChemistrySelect</i> , 2020, 5, 10128-10134.	1.5	3
15	The role of oxidative stress genes and effect of pH on methylene blue sensitized photooxidation of <i>Escherichia coli</i> . <i>Acta Biologica Hungarica</i> , 2016, 67, 85-98.	0.7	2
16	Synthesis, structural characterization, DNA cleavage studies, antimicrobial activities, and time-killing kinetics of tetranuclear Cu (II) with partial cubane Cu <sub>4</sub> O <sub>4</sub> cores and mononuclear Co (II) and Ni (II) complexes of a new acylhydrazone ligand. <i>Applied Organometallic Chemistry</i> , 2021, 35, e6218.	3.5	2
17	Synthesis, solar cell application, and biological study of vinyl substituted isophorone derivatives. <i>Research on Chemical Intermediates</i> , 2019, 45, 5625-5639.	2.7	0
18	X-ray structure, surface analyses, spectroscopic characterization, antimicrobial activity and DFT studies of the triphenylphosphoranylidene derivative. <i>Molecular Crystals and Liquid Crystals</i> , 2020, 711, 59-77.	0.9	0