

# Elif Akalin

## List of Publications by Year in descending order

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17  
papers

279  
citations

759233

12  
h-index

888059

17  
g-index

17  
all docs

17  
docs citations

17  
times ranked

464  
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular Modeling, Dimer Calculations, Vibrational Spectra, and Molecular Docking Studies of 5-Chlorouracil. <i>Journal of Applied Spectroscopy</i> , 2020, 86, 975-985.	0.7	7
2	Is Fibromyalgia Syndrome a Neuropathic Pain Syndrome?. <i>Archives of Rheumatology</i> , 2019, 34, 196-203.	0.9	13
3	Raman and AFM studies on nominally undoped, p- and n-type GaAsBi alloys. <i>Journal of Alloys and Compounds</i> , 2017, 722, 339-343.	5.5	9
4	Thermal annealing effects on optical and structural properties of GaBiAs epilayers: Origin of the thermal annealing-induced redshift in GaBiAs. <i>Journal of Alloys and Compounds</i> , 2016, 686, 976-981.	5.5	15
5	Investigation of Adsorption of 5-Fluorouracil and 5-Bromouracil onto Sepiolite and Loughlinite: An IR Spectroscopic Study. <i>Asian Journal of Chemistry</i> , 2014, 26, 4875-4878.	0.3	2
6	Bismuth-induced effects on optical, lattice vibrational, and structural properties of bulk GaAsBi alloys. <i>Nanoscale Research Letters</i> , 2014, 9, 119.	5.7	33
7	Excitation energy-dependent nature of Raman scattering spectrum in GaInNAs/GaAs quantum well structures. <i>Nanoscale Research Letters</i> , 2012, 7, 656.	5.7	12
8	Experimental and theoretical vibrational spectroscopic investigation of Zn(II) halide complexes of 3-aminopyridine and 3-chloropyridine. <i>Journal of Molecular Structure</i> , 2011, 993, 390-396.	3.6	14
9	Adsorption of isoniazid onto sepiolite and palygorskite group of clays: An IR study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2010, 75, 1304-1307.	3.9	26
10	FT-IR and Raman spectroscopic and DFT theoretical investigations on Zn(II) halide complexes of 2-aminopyrimidine. <i>Vibrational Spectroscopy</i> , 2010, 53, 140-145.	2.2	8
11	Vibrational study on Zn(Pyrimidine) <sub>2</sub> Cl <sub>2</sub> , Pyrimidine-Al(OH) <sub>3</sub> and Pyrimidine-(Al(OH) <sub>3</sub> ) <sub>2</sub> complexes. <i>Vibrational Spectroscopy</i> , 2008, 48, 233-237.	2.2	4
12	Infrared and Raman spectroscopic study of 4-aminopyrimidine tetracyanonickelate complexes. <i>Journal of Molecular Structure</i> , 2007, 834-836, 403-407.	3.6	13
13	Adsorption and interaction of 5-fluorouracil with montmorillonite and saponite by FT-IR spectroscopy. <i>Journal of Molecular Structure</i> , 2007, 834-836, 477-481.	3.6	37
14	Vibrational structure of free and hydrogen bonded complexes of isoniazid: FT-IR, FT-Raman and DFT study. <i>Journal of Molecular Structure</i> , 2007, 834-836, 492-497.	3.6	20
15	Vibrational analysis of free and hydrogen bonded complexes of nicotinamide and picolinamide. <i>Vibrational Spectroscopy</i> , 2006, 42, 333-340.	2.2	27
16	Structure and vibrational spectra of benzidine. <i>Journal of Molecular Structure</i> , 2003, 651-653, 571-577.	3.6	13
17	Theoretical study of IR spectra of paraphenylenediamine. <i>Vibrational Spectroscopy</i> , 2000, 22, 3-10.	2.2	26