ErgÃ¼n Kasap

List of Publications by Year
in descending order

29 papers	333 citations	840776 11 h-index	839539 18 g-index
29 all docs	29 docs citations	29 times ranked	211 citing authors

#	Article	IF	Citations
1	Impact of pressure and composition on the mechanical behavior of In Ga As P and Al In Sb P quaternary alloys. Results in Physics, 2019, 14, 102400.	4.1	10
2	Design studies for the beam position monitor (BPM) front-end electronics of the Turkish accelerator and radiation laboratory in Ankara (TARLA). Turkish Journal of Physics, 2017, 41, 269-276.	1.1	3
3	Torsional potential and nonlinear optical properties of phenyldiazines and phenyltetrazines. Computational and Theoretical Chemistry, 2011, 977, 22-28.	2.5	11
4	Comparing of the hostâ€“guest interaction in the Hofmann-1,10-diaminodecane and Hofmann-1,12-diaminododecane-type clathrates. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2010, 66, 243-249.	1.6	1
5	The structural, electronic and optical properties of InxGa1â^'xP alloys. Physica B: Condensed Matter, 2010, 405, 2357-2361.	2.7	23
6	Ab-initio investigation of structural, electronic and optical properties of InxGa1â^'xAs, GaAs1â^'yPy ternary and InxGa1â^'xAs1â^'yPy quaternary semiconductor alloys. Journal of Alloys and Compounds, 2010, 496, 226-233.	5.5	35
7	Conformational Analysis, Dipole Moment and Polarizability of 3-(2-chlorophenyl)thiophene. AIP Conference Proceedings, 2007, , .	0.4	0
8	A theoretical study of molecular structure and potential energy surface for various substituents substituted 3-phenylthiophene. AIP Conference Proceedings, 2007, , .	0.4	0
9	A theoretical study of the linear, nonlinear optical properties and conformational analysis of 3-phenylthiophene and its fluoro derivatives with torsional dependence. Journal of Molecular Structure, 2007, 834-836, 508-515.	3.6	5
10	Investigation of torsional barriers and nonlinear optical (NLO) properties of phenyltriazines. Journal of Molecular Structure, 2007, 834-836, 516-520.	3.6	59
11	Infrared Spectroscopic Study on the Hofmann-dadn-type and the Td-dahxn-type clathrates. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2007, 58, 49-54.	1.6	1
12	Torsional barriers and nonlinear optical properties of 2-, 3-, 4-phenylpyridine molecules. European Physical Journal D, 2006, 56, 349-358.	0.4	11
13	Infrared Spectroscopic Study of Tdâ€Type Piperazinemetal(II) Tetracyanometallate(II) Benzene(1/1) Clathrates: Cd(C4H10N2)Cd(CN)4Â·C6H6and Cd(C4H10N2)Hg(CN)4Â·1,25 C6H6. Spectroscopy Letters, 2005, 38, 583-594.	1.0	9
14	VIBRATIONAL SPECTROSCOPIC STUDIES ON THE 1,4-DIAMINOBUTANE-Td-TYPE CLATHRATES: Cd(dabn)M(CN)4Â·1,5C6H6(M=Cd or Hg). Spectroscopy Letters, 2002, 35, 811-819.	1.0	5
15	Title is missing!. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2001, 39, 175-180.	1.6	12
16	Title is missing!. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2001, 39, 103-108.	1.6	1
17	Infrared spectroscopic study of the Hofmann-dadn-type clathrates: M(1,10-diaminodecane)Ni(CN)4Â·1,5G (M=Co, Ni or Cd; G=chlorobenzene, 1,2-, 1,3- or 1,4-dichlorobenzene). Vibrational Spectroscopy, 2000, 24, 249-255.	2.2	4
18	An infrared and Raman spectroscopic study on the Hofmann-Td-type 1,4-dioxane clathrates: M(NH3)2Mâ€²(CN)4Â·2C4H8O2 (M=Mn or Cd, Mâ€²=Hg; M=Cd, Mâ€²=Cd). Journal of Molecular Structure, 1999, 482-483, 81-85.	3.6	8

#	Article	IF	Citations
19	Investigation of hostâ€“guest interactions in the Hofmann-dabn-type clathrates: M(1,4-diaminobutane)Ni(CN)4Â·1.5G (M=Co or Ni, G=benzene derivatives). Journal of Molecular Structure, 1999, 482-483, 69-74.	3.6	3
20	Infrared spectroscopic studies of the Hofmann-daon-type clathrates: M(1,8-diaminooctane)Ni(CN)4Â·G (M=Co, Ni or Cd; G=1,2-dichlorobenzene or1,4-dichlorobenzene). Journal of Molecular Structure, 1999, 482-483, 75-79.	3.6	9
21	Title is missing!. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 1999, 33, 285-294.	1.6	3
22	Infrared Spectroscopic Study of the Hofmann-Diam-Type Clathrates: M(1,6-Diaminohexane)Ni(CN)4 Ë™ C₆H₆ (M=Ni, Co or Cd). Spectroscopy Letters, 1997, 30, 491-496.	1.0	15
23	Title is missing!. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 1997, 28, 117-124.	1.6	8
24	Title is missing!. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 1997, 28, 259-267.	1.6	17
25	Title is missing!. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 1997, 28, 335-347.	1.6	13
26	Infrared and Raman spectroscopic study of the Hofmann-type clathrates M(1,7-diaminoheptane)Ni(CN)4Â·G (M = Ni or Co; G = chlorobenzene, m-xylene or naphthalene). Journal of Molecular Structure, 1997, 408-409, 425-430.	3.6	9
27	Vibrational spectroscopic studies on the en-Td-type benzene clathrates: M(ethylenediamine)M?(CN)4ï¿½2C6H6 (M=Mn or Cd, M?=Cd or Hg). Journal of Inclusion Phenomena and Macrocyclic Chemistry, 1995, 23, 1-9.	1.6	20
28			