

Fathi Aqra

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Temperature dependence surface tension of molten lanthanum, praseodymium, samarium and erbium trichlorides. <i>Fluid Phase Equilibria</i> , 2015, 389, 1-3.	2.5	2
2	Correlations of the surface tension and some thermodynamic and transport properties of the alkali metal halides at their melting temperatures based on their corresponding molar volumes. <i>Fluid Phase Equilibria</i> , 2015, 385, 134-138.	2.5	2
3	Surface tension of molten metal halide salts. <i>Journal of Molecular Liquids</i> , 2014, 200, 120-121.	4.9	13
4	Molten rare earth tri-halides: Prediction of surface tension. <i>Journal of Molecular Liquids</i> , 2014, 200, 229-231.	4.9	4
5	Direct prediction of molten alkali halides surface tension. <i>Main Group Chemistry</i> , 2014, 13, 219-222.	0.8	0
6	Correlations for calculating the surface tension and enthalpies of sublimation of alkali halides. <i>Physica B: Condensed Matter</i> , 2014, 441, 54-57.	2.7	7
7	Surface free energy of alkali and transition metal nanoparticles. <i>Applied Surface Science</i> , 2014, 314, 308-313.	6.1	38
8	Molten Alkali Halides: Straightforward Prediction of Surface Tension. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2014, 45, 2347-2350.	2.2	5
9	The cohesive energy density and the isothermal compressibility: Their relationships with the surface tension. <i>Physica B: Condensed Matter</i> , 2014, 446, 28-31.	2.7	5
10	Novel estimated surface tension data of actinide halide salts in the molten state. <i>Journal of Nuclear Materials</i> , 2014, 448, 230-232.	2.7	7
11	Prediction of various thermodynamic and thermophysical properties of alkali halides. <i>Journal of Non-Crystalline Solids</i> , 2014, 402, 49-52.	3.1	9
12	Surface tension of pure liquid lanthanide and early actinide metals. <i>Physics and Chemistry of Liquids</i> , 2012, 50, 336-345.	1.2	5
13	Surface tension ($\hat{\gamma}^{LV}$), surface energy ($\hat{\gamma}^{SV}$) and crystal-melt interfacial energy ($\hat{\gamma}^{SL}$) of metals. <i>Current Applied Physics</i> , 2012, 12, 31-35.	2.4	24
14	Mechanical stability of two immiscible liquid drops resting on a solid substrate. <i>Physics and Chemistry of Liquids</i> , 2011, 49, 430-434.	1.2	1
15	Theoretical calculations of the surface tension of $\text{Ag}(1-x)\text{Cu}(x)$ liquid alloys. <i>Journal of Alloys and Compounds</i> , 2011, 509, 5736-5739.	5.5	5
16	Theoretical Study of a Thermophysical Property of Molten Semiconductors. <i>Journal of Metallurgy</i> , 2011, 2011, 1-5.	1.1	3
17	Surface tension of pure liquid bismuth and its temperature dependence: Theoretical calculations. <i>Materials Letters</i> , 2011, 65, 760-762.	2.6	20
18	Theoretical temperature-dependence surface tension of pure liquid gold. <i>Materials Letters</i> , 2011, 65, 2124-2126.	2.6	10

#	ARTICLE	IF	CITATIONS
19	Surface Tension of Liquid Alkali, Alkaline, and Main Group Metals: Theoretical Treatment and Relationship Investigations. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2011, 42, 2680-2684.	2.2	5
20	Theoretical Calculations of the Surface Tension of Liquid Transition Metals. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 2011, 42, 5-8.	2.1	19
21	Theoretical Estimation of Temperature-Dependent Surface Tension of Liquid Antimony, Boron, and Sulfur. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 2011, 42, 437-440.	2.1	7
22	Model calculation of the surface tension of liquid Ga-Bi alloy. Applied Surface Science, 2011, 257, 3577-3580.	6.1	13
23	Surface energies of metals in both liquid and solid states. Applied Surface Science, 2011, 257, 6372-6379.	6.1	103
24	Theoretical consideration of the anomalous temperature dependence of the surface tension of pure liquid gallium. Theoretical Chemistry Accounts, 2010, 127, 443-448.	1.4	31
25	Crystal Structure of [Bis(L-Alaninato)Diaqua]Nickel(II) Dihydrate. Research Letters in Inorganic Chemistry, 2009, 2009, 1-5.	0.1	5
26	Studies on crystals of d-, l-, and dl-alaninato nickel(II) complexes. Transition Metal Chemistry, 2009, 34, 787-790.	1.4	3
27	Synthesis and X-ray Crystallographic Study of K[Ni(NH ₂ CH ₃ CHCOO) ₃].3H ₂ O. Journal of Chemical Research, 2009, 2009, 98-100.	1.3	1
28	The treatment of chromium tanning wastewater using natural marl. Chemical Speciation and Bioavailability, 2009, 21, 185-191.	2.0	9