

# Ãœemit Bayram

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Influence of Growth Rate on Eutectic Spacing, Microhardness, and Ultimate Tensile Strength in the Directionally Solidified Al-Cu-Ni Eutectic Alloy. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 2018, 49, 3293-3305.	1.0	17
2	Thermal conductivity and electrical resistivity dependences on growth rate in the directionally solidified Al-Cu-Ni eutectic alloy. Journal of Alloys and Compounds, 2018, 753, 695-702.	2.8	16
3	Thermal Conductivity Variation with Temperature for Lead-Free Ternary Eutectic Solders. Journal of Electronic Materials, 2013, 42, 3573-3581.	1.0	11
4	Dependency of thermal conductivity on the temperature and composition of d-camphor in the neopentylglycol-d-camphor alloys. Thermochemica Acta, 2012, 531, 12-20.	1.2	9
5	Solid-liquid interfacial energy of neopentylglycol solid solution in equilibrium with neopentylglycol-(D) camphor eutectic liquid. Journal of Crystal Growth, 2012, 338, 181-188.	0.7	7
6	Dependence of microstructural, mechanical and electrical properties on growth rates in directional solidified Zn-Al-Bi eutectic alloy. Transactions of Nonferrous Metals Society of China, 2016, 26, 2320-2335.	1.7	4
7	Dependence of microstructure, microhardness, tensile strength and electrical resistivity on growth rates for directionally solidified Zn-Al-Sb eutectic alloy. International Journal of Materials Research, 2016, 107, 1005-1015.	0.1	4
8	Solid-liquid interfacial energy of neopentylglycol solid solution in equilibrium with succinonitrile-neopentylglycol-aminomethylpropanediol liquid. Journal of Crystal Growth, 2013, 364, 34-39.	0.7	2
9	Solid-liquid interfacial energy of solid aminomethylpropanediol solution in equilibrium with aminomethylpropanediol-neopentylglycol-D camphor liquid. Thermochemica Acta, 2013, 554, 48-53.	1.2	2
10	Effects of Growth Rate on Eutectic Spacing, Microhardness, and Ultimate Tensile Strength in the Al-Cu-Ti Eutectic Alloy. Physics of Metals and Metallography, 2020, 121, 382-390.	0.3	2
11	Investigations of Electrical Resistivity and Thermal Conductivity Dependences on Growth Rate in the Al-Cu-Ti Eutectic Alloy. International Journal of Thermophysics, 2021, 42, 1.	1.0	2
12	Effect of Sn contents on thermodynamic, microstructure and mechanical properties in the Zn <sub>90</sub> -Bi <sub>10</sub> and Bi <sub>88</sub> -Zn <sub>12</sub> based ternary alloys. Journal of Materials Science: Materials in Electronics, 2019, 30, 3678-3691.	1.1	1
13	BI-İN SÄSTEMÄNDE ELEKTRÄKSEL VE ISIL ÄLETKENLÄK VE ISIL ÄLETKENLÄŽE FONON KATKISI. Isi Bilimi Ve Teknigi Dergisi/ Journal of Thermal Science and Technology, 2020, 40, 367-378.	0.3	1
14	Solid-Liquid Interfacial Energy of Solid Neopentylglycol Solution in Equilibrium with Neopentylglycol-Aminomethylpropanediol Eutectic Liquid. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2013, 44, 4042-4050.	1.1	0
15	Measurements of Thermal Conductivity Variations with Temperature for the Organic Analog of the Nonmetal-Nonmetal System: Urea-4-Bromo-2-Nitroaniline. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2013, 44, 4051-4058.	1.1	0
16	Solid-Liquid Interfacial Energy of Solid Succinonitrile in Equilibrium with Succinonitrile-(D)Camphor-Aminomethylpropanediol Eutectic Liquid. International Journal of Thermophysics, 2016, 37, 1.	1.0	0
17	Thermal Conductivity of Solid Phases for Naphtol, Camphene, Salol, and Bezil. Journal of Thermophysics and Heat Transfer, 2016, 30, 730-736.	0.9	0
18	The variations of electrical resistivity and thermal conductivity with growth rate for the Zn-Al-Cu eutectic alloy. Journal of Materials Science: Materials in Electronics, 2021, 32, 18212-18223.	1.1	0