

# Muna S Khushaim

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

135  
citations

1307594

7  
h-index

1281871

11  
g-index

20  
all docs

20  
docs citations

20  
times ranked

87  
citing authors

| #  | ARTICLE                                                                                                                                                                                                                                                                                 | IF  | CITATIONS |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1  | Scale-Dependent Structure–Property Correlations of Precipitation-Hardened Aluminum Alloys: A Review. <i>Jom</i> , 2022, 74, 361-380.                                                                                                                                                    | 1.9 | 2         |
| 2  | Mesophase behavior of four ring ester/azomethine/ester liquid crystals in pure and mixed states. <i>Liquid Crystals</i> , 2022, 49, 1395-1402.                                                                                                                                          | 2.2 | 14        |
| 3  | New Advanced Liquid Crystalline Materials Bearing Bis-Azomethine as Central Spacer. <i>Polymers</i> , 2022, 14, 1256.                                                                                                                                                                   | 4.5 | 11        |
| 4  | Experimental and Theoretical Investigations of Three-Ring Ester/Azomethine Materials. <i>Materials</i> , 2022, 15, 2312.                                                                                                                                                                | 2.9 | 6         |
| 5  | Non-isothermal kinetics of phase transformation for the intermetallic $\text{CoSn}_3$ phase. <i>Phase Transitions</i> , 2022, 95, 143-155.                                                                                                                                              | 1.3 | 0         |
| 6  | Application of aberration-corrected scanning transmission electron microscopy in conjunction with valence electron energy loss spectroscopy for the nanoscale mapping of the elastic properties of $\text{Al-Cu}$ alloys. <i>Microscopy Research and Technique</i> , 2021, 84, 869-880. | 2.2 | 2         |
| 7  | Study of kesterite $\text{Cu}_2\text{ZnSnS}_4$ (CZTS) thin films deposited by spray technique for photovoltaic applications. <i>Journal of Taibah University for Science</i> , 2021, 15, 329-339.                                                                                       | 2.5 | 6         |
| 8  | Experimental and computational simulations of nematogenic liquid crystals based on cinnamic acid in pure and mixed state. <i>Liquid Crystals</i> , 2021, 48, 1493-1504.                                                                                                                 | 2.2 | 21        |
| 9  | Preparation and characterization of $\text{Cu}_2\text{ZnSnS}_4$ thin films with various compositions deposited by a dual thermal evaporation technique. <i>Journal of Alloys and Compounds</i> , 2021, 870, 159392.                                                                     | 5.5 | 4         |
| 10 | Synthesis, Optical Characterizations and Solar Energy Applications of New Schiff Base Materials. <i>Materials</i> , 2021, 14, 3718.                                                                                                                                                     | 2.9 | 23        |
| 11 | Nematic Phase Induced from Symmetrical Supramolecular H-Bonded Systems Based on Flexible Acid Core. <i>Crystals</i> , 2020, 10, 801.                                                                                                                                                    | 2.2 | 13        |
| 12 | Nematogenic Laterally Substituted Supramolecular H-Bonded Complexes Based on Flexible Core. <i>Crystals</i> , 2020, 10, 878.                                                                                                                                                            | 2.2 | 11        |
| 13 | Non-isothermal crystallization kinetics of an intermetallic $\text{CoSn}$ phase. <i>Journal of Physics Communications</i> , 2020, 4, 125013.                                                                                                                                            | 1.2 | 1         |
| 14 | Microstructural properties and peritectic reactions in a binary $\text{Co-Sn}$ alloy by means of scanning electron microscopy and atom probe tomography. <i>Materials Research Express</i> , 2020, 7, 086508.                                                                           | 1.6 | 4         |
| 15 | Metal flux synthesis and atom probe tomography analyses of different intermetallic $\text{Al-Mg}$ phases. <i>Journal of Taibah University for Science</i> , 2019, 13, 96-104.                                                                                                           | 2.5 | 0         |
| 16 | Precipitation in AA2195 by Atom Probe Tomography and Transmission Electron Microscopy. , 2019, , .                                                                                                                                                                                      |     | 2         |
| 17 | Laser-Induced Reversion of $\text{Al}_2\text{Cu}$ precipitates in an Al-Li Alloy. <i>Microscopy and Microanalysis</i> , 2017, 23, 628-630.                                                                                                                                              | 0.4 | 1         |
| 18 | Characterization of T8 Tempered Al-Li-Cu alloy (AA2195) by Using AC-STEM. <i>Microscopy and Microanalysis</i> , 2016, 22, 1946-1947.                                                                                                                                                    | 0.4 | 0         |

| #  | ARTICLE                                                                                                                                                                                         | IF  | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Laser-induced reversion of precipitates in an Al-Li alloy: Study on temperature rise in pulsed laser atom probe. <i>Microscopy Research and Technique</i> , 2016, 79, 727-737.                  | 2.2 | 6         |
| 20 | Characterization of Precipitation in Al-Li Alloy AA2195 by means of Atom Probe Tomography and Transmission Electron Microscopy. <i>Advances in Condensed Matter Physics</i> , 2015, 2015, 1-11. | 1.1 | 8         |