

# Amal Alqahtani

## List of Publications by Year in descending order

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15  
papers

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1478505

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#	ARTICLE	IF	CITATIONS
1	A New Octagonal Close Ring Resonator Based Dumbbell-Shaped Tuning Fork Perfect Metamaterial Absorber for C- and Ku-Band Applications. <i>Micromachines</i> , 2022, 13, 162.	2.9	15
2	A-Site Cation Size Effect on Structure and Magnetic Properties of Sm(Eu,Gd)Cr <sub>0.2</sub> Mn <sub>0.2</sub> Fe <sub>0.2</sub> Co <sub>0.2</sub> Ni <sub>0.2</sub> O <sub>3</sub> High-Entropy Solid Solutions. <i>Nanomaterials</i> , 2022, 12, 36.	4.1	15
3	Low Dose Ionising Radiation-Induced Hormesis: Therapeutic Implications to Human Health. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 8909.	2.5	11
4	Characterisation of borosilicate glass media as potential thermoluminescent dosimeters. <i>Radiation Physics and Chemistry</i> , 2020, 168, 108630.	2.8	10
5	The effectiveness of ornamental building materials (tiles) for retrospective thermoluminescence dosimetry. <i>Applied Radiation and Isotopes</i> , 2022, 184, 110218.	1.5	7
6	Development and Analysis of Coding and Tailored Metamaterial for Terahertz Frequency Applications. <i>Materials</i> , 2022, 15, 2777.	2.9	7
7	Biogenic Synthesis of AgNPs Using Aqueous Bark Extract of <i>Aesculus indica</i> for Antioxidant and Antimicrobial Applications. <i>Crystals</i> , 2022, 12, 252.	2.2	6
8	Low-cost commercial borosilicate glass slides for passive radiation dosimetry. <i>PLoS ONE</i> , 2020, 15, e0241550.	2.5	5
9	A New Compact Split Ring Resonator Based Double Inverse Epsilon Shaped Metamaterial for Triple Band Satellite and Radar Communication. <i>Crystals</i> , 2022, 12, 520.	2.2	5
10	Application of Artificial Intelligence in Discovery and Development of Anticancer and Antidiabetic Therapeutic Agents. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022, 2022, 1-16.	1.2	5
11	Microscope cover-slip glass for TLD applications. <i>Applied Radiation and Isotopes</i> , 2020, 160, 109132.	1.5	4
12	Passive dosimetry of electron irradiated borosilicate glass slides. <i>Radiation Physics and Chemistry</i> , 2021, 178, 108903.	2.8	4
13	A Novel Hybrid Learning System Using Modified Breaking Ties Algorithm and Multinomial Logistic Regression for Classification and Segmentation of Hyperspectral Images. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 7614.	2.5	4
14	Insights into Sorptionâ€“Mineralization Mechanism for Sustainable Granular Composite of MgO-CaO-Al <sub>2</sub> O <sub>3</sub> -SiO <sub>2</sub> -CO <sub>2</sub> Based on Nanosized Adsorption Centers and Its Effect on Aqueous Cu(II) Removal. <i>Nanomaterials</i> , 2022, 12, 116.	4.1	3
15	Development of borosilicate optical fibres for particle ionizing radiation dosimetry. , 0, , .		0