

# Reem M Altuwirqi

## List of Publications by Year in descending order

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15  
papers

173  
citations

1478280

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h-index

1125617

13  
g-index

15  
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15  
docs citations

15  
times ranked

165  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modulating the detection performance of solution processed stacked multilayer-MoS <sub>2</sub> photodetectors upon ultraviolet-ozone surface treatment. <i>Applied Physics A: Materials Science and Processing</i> , 2022, 128, 1.	1.1	2
2	Simulation of a Low Concentrator Photovoltaic System Using COMSOL. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 3450.	1.3	4
3	Size Control of Synthesized Silver Nanoparticles by Simultaneous Chemical Reduction and Laser Fragmentation in <i>Origanum majorana</i> Extract: Antibacterial Application. <i>Materials</i> , 2021, 14, 2326.	1.3	7
4	The synthesis of carbon-based nanomaterials by pulsed laser ablation in water. <i>Materials Research Express</i> , 2020, 7, 015002.	0.8	37
5	Thermal Profile of a Low-Concentrator Photovoltaic: A COMSOL Simulation. <i>International Journal of Photoenergy</i> , 2020, 2020, 1-9.	1.4	7
6	Green synthesis of copper oxide nanoparticles by pulsed laser ablation in spinach leaves extract. <i>Optik</i> , 2020, 219, 165280.	1.4	25
7	Synthesis and Characterization of Aluminum Nanoparticles Prepared in Vinegar Using a Pulsed Laser Ablation Technique. <i>Journal of Nanomaterials</i> , 2020, 2020, 1-5.	1.5	16
8	Effective degradation of MB under natural daylight using green synthesized Cu-Cu <sub>2</sub> O composite films. <i>Materials Letters</i> , 2019, 254, 233-236.	1.3	12
9	Semi-quantitative analysis of mineral composition in harari coffee with herbal additives by using laser-induced breakdown spectroscopy. <i>Laser Physics</i> , 2019, 29, 025701.	0.6	3
10	Qualitative and quantitative analysis of human nails to find correlation between nutrients and vitamin D deficiency using LIBS and ICP-AES. <i>Talanta</i> , 2018, 185, 61-70.	2.9	25
11	Green synthesis of Cu x O nanoscale MOS capacitors processed at low temperatures. <i>Surface and Coatings Technology</i> , 2017, 320, 246-251.	2.2	3
12	Optically observed multiple inter-chain interactions in polyblend semiconducting polymer nanoparticles. <i>RSC Advances</i> , 2017, 7, 48308-48314.	1.7	4
13	Numerical modeling of stimulated Raman scattering with selective amplification. <i>Journal of Molecular Spectroscopy</i> , 2015, 318, 64-69.	0.4	1
14	Enhancing Modulation Bandwidth of Semiconductor Lasers beyond 50 GHz by Strong Optical Feedback for Use in Millimeter-Wave Radio over Fiber Links. <i>Japanese Journal of Applied Physics</i> , 2013, 52, 124103.	0.8	16
15	Intensity noise in ultra-high frequency modulated semiconductor laser with strong feedback and its influence on noise figure of RoF links. <i>Journal of the European Optical Society-Rapid Publications</i> , 0, 8, .	0.9	11