Asmahani Awang

List of Publications by Year
in descending order

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25 papers	518 citations	759055 12 h-index	887953 17 g-index
25 all docs	25 docs citations	25 times ranked	371 citing authors

#	Article	IF	Citations
1	Plasmonic effect of bimetallic TiO2/Al2O3 nanoparticles in tellurite glass for surface-enhanced Raman scattering applications. Journal of Luminescence, 2022, 241, 118488.	1.5	8
2	Influence of ZnO nanostructure configuration on tailoring the optical bandgap: Theory and experiment. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2021, 263, 114811.	1.7	19
3	Continuous monitoring of crude oil movement in an electromagnetic-assisted enhanced oil recovery process using a modified fiber Bragg grating sensor. Sensors and Actuators A: Physical, 2021, 318, 112428.	2.0	8
4	Modification in Structural Properties of Erbium-doped Zinc â€“ Sodium Tellurite Glass: Effect of Bimetallic Cu/Ti Nanoparticles. Journal of Physics: Conference Series, 2019, 1358, 012037.	0.3	0
5	Tuning Optical and Structural Properties of Composite Glass: Effect of Rice Husk Fibre. Journal of Physics: Conference Series, 2019, 1358, 012044.	0.3	0
6	Tuning Surface Plasmon Resonance Peak of Glass Containing Metallic Nanoparticles. Journal of Physics: Conference Series, 2019, 1358, 012046.	0.3	1
7	Tailoring Structural and Optical Properties of Composite Glass with Rice Husk Fibre (RHF) as Additive Materials. Journal of Physics: Conference Series, 2019, 1358, 012036.	0.3	0
8	Self-cleaning and spectral attributes of erbium doped sodium-zinc-tellurite glass: Role of titania nanoparticles. Journal of Non-Crystalline Solids, 2018, 481, 225-238.	1.5	17
9	TAILORING SPECTROSCOPIC PROPERTIES OF ER3+ DOPED ZINC SODIUM TELLURITE GLASS VIA GOLD NANOPARTICLES. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.3	0
10	Effect of Au NPs on the Spectral Modification of Er-Doped Zinc Sodium Tellurite Glass. Materials Science Forum, 2016, 846, 45-51.	0.3	0
11	Gold nanoparticles assisted surface enhanced Raman scattering and luminescence of Er3+ doped zincâ€“sodium tellurite glass. Journal of Luminescence, 2015, 159, 265-273.	1.5	58
12	Gold nanoparticles assisted structural and spectroscopic modification in Er3+-doped zinc sodium tellurite glass. Optical Materials, 2015, 42, 495-505.	1.7	27
13	Sleep Phenomena from the Perspectives of Islam and Science. Jurnal Teknologi (Sciences and) Tj ETQq1 1 0.784314 rgBT /Overlock 1	0.3	3
14	Growth of Au Nanoparticles Stimulate Spectroscopic Properties of Er³⁺Doped TeO₂-ZnO-Na₂O Glasses. Advanced Materials Research, 2014, 895, 254-259.	0.3	7
15	Nano-silver enhanced luminescence of Eu3+-doped lead tellurite glass. Journal of Molecular Structure, 2014, 1065-1066, 39-42.	1.8	37
16	Optical properties of gold nanoparticle embedded Er3+ doped leadâ€“tellurite glasses. Journal of Alloys and Compounds, 2014, 607, 85-90.	2.8	35
17	Concentration dependent structural and spectroscopic properties of Sm3+/Yb3+ co-doped sodium tellurite glass. Physica B: Condensed Matter, 2014, 433, 89-95.	1.3	35
18	Juddâ€“Ofelt analysis of spectroscopic properties of Sm3+ doped sodium tellurite glasses co-doped with Yb3+. Journal of Luminescence, 2014, 147, 90-96.	1.5	29

#	Article	IF	Citations
19	Non-spherical gold nanoparticles mediated surface plasmon resonance in Er3+ doped zincâ€“sodium tellurite glasses: Role of heat treatment. Journal of Luminescence, 2014, 149, 138-143.	1.5	53
20	Enhanced spectroscopic properties and Juddâ€“Ofelt parameters ofÂEr-doped tellurite glass: Effect of gold nanoparticles. Current Applied Physics, 2013, 13, 1813-1818.	1.1	64
21	Surface enhanced Raman scattering and up-conversion emission by silver nanoparticles in erbiumâ€“zincâ€“tellurite glass. Journal of Luminescence, 2013, 143, 368-373.	1.5	83
22	Spectral investigation of Sm3+/Yb3+co-doped sodium tellurite glass. Chinese Optics Letters, 2013, 11, 061605-61608.	1.3	30
23	Gold Nanoparticles Stimulated Surface Plasmon Resonance Effects in Erbium-Zinc-Sodium-Tellurite Glass. Materials Science Forum, 0, 846, 52-57.	0.3	0
24	Luminescence from Erbium Doped Tellurite Glass: An Insight on Titania Nanoparticles Surface Plasmon Mediation. Solid State Phenomena, 0, 268, 143-147.	0.3	0
25	Enhancement of organic solar cell efficiency by altering the zinc oxide photoanode nanostructure morphology. Journal of Nanostructure in Chemistry, 0, , 1.	5.3	4