

Auday H Shaban

List of Publications by Year in descending order

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papers

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840776

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all docs

54
docs citations

54
times ranked

197
citing authors

#	ARTICLE	IF	CITATIONS
1	Photoelectric properties of SnO ₂ : Ag/Pa€“Si heterojunction photodetector. Energy Reports, 2020, 6, 46-54.	5.1	67
2	Weibull parameters evaluation by different methods for windmills farms. Energy Reports, 2020, 6, 188-199.	5.1	33
3	Highly selective CdS:Ag heterojunction for photodetector applications. AIP Conference Proceedings, 2019, , .	0.4	24
4	Enhancements of p-Si/CdO Thin Films Solar Cells with doping (Sb, Sn, Se). Energy Procedia, 2019, 157, 150-157.	1.8	23
5	Improvement of superconducting properties of Bi ₂ Ba ₂ Ca ₂ Cu ₃ O ₁₀ +Î´ Ceramic by prepared under different pressures. Energy Procedia, 2019, 157, 222-227.	1.8	21
6	Studying the partial substitution of barium with cadmium oxide and its effect on the electrical and structural properties of HgBa ₂ Ca ₂ Cu ₃ O ₈ +Î´ superconducting compound. AIP Conference Proceedings, 2019, , .	0.4	20
7	Radiological Dose Assessments for Workers at the Italian Fuel Fabrication Facility at Al-Twaitha Site, Baghdad â€“ Iraq with Aid of GIS Techniques. Energy Procedia, 2017, 119, 709-717.	1.8	17
8	Manufacturing and improving the characteristics of the isolation of concrete composites by additive Styrofoam particulate. Energy Procedia, 2019, 157, 158-163.	1.8	15
9	Electrical characteristics of nickel/epoxy - Unsaturated polyester blend nanocomposites. AIP Conference Proceedings, 2019, , .	0.4	14
10	Effect of V, In and Cu doping on properties of p-type ZnSe/Si heterojunction solar cell. Progress in Industrial Ecology, 2019, 13, 173.	0.2	13
11	The effects of copper additives on the glass transition temperature and hardness for epoxy resin. Progress in Industrial Ecology, 2019, 13, 163.	0.2	12
12	Preparation and characterization of ZnO nanotripods and nanoflowers by atmospheric pressure chemical vapor deposition (APCVD) technique. AIP Conference Proceedings, 2018, , .	0.4	11
13	Fabrication of Ge₃₀Te _{70-x}Sb_x Glasses Alloys and Studying the Effect of Partial Substitution on D.C Electrical Energy Parameters. Key Engineering Materials, 0, 900, 163-171.	0.4	10
14	The effects of copper additives on the glass transition temperature and hardness for epoxy resin. Progress in Industrial Ecology, 2019, 13, 163.	0.2	9
15	Fabrication and characterization study of ZnTe/n-Si heterojunction solar cell application. Journal of Physics: Conference Series, 2018, 1003, 012084.	0.4	8
16	Estimation of groundwater pollution in Baiji/Salah Al-Deen province Iraq. AIP Conference Proceedings, 2019, , .	0.4	7
17	Evaluate the Distribution of Heavy Elements that Dissolved in Ground Water Using IDW in AL-Wafa City, Al-Ramadi,Iraq. Iraqi Journal of Physics, 2021, 19, 7-14.	0.4	7
18	The study effect of weight fraction on thermal and electrical conductivity for unsaturated polyester composite alone and hybrid. , 2018, , .		6

#	ARTICLE	IF	CITATIONS
19	Synthesis and characterization study of n-Bi ₂ O ₃ /p-Si heterojunction dependence on thickness. AIP Conference Proceedings, 2018, , .	0.4	6
20	Fabrication and characterization of n- InSb Heterojunction for optoelectronic device. Energy Procedia, 2019, 157, 90-99.	1.8	6
21	Preparation and Physical Properties of Doped CdBa _{2-x} Sr _x Ca ₂ Cu ₃ O _{8+δ} Compound. Energy Procedia, 2017, 119, 466-472.	1.8	5
22	Flood Behavior of Al-Hammar Marshes. Journal of Physics: Conference Series, 2021, 1879, 032062.	0.4	5
23	Effects of the Ferrits Addition on the Properties of Polyethylene Terephthalate. Baghdad Science Journal, 2022, 19, 0208.	0.6	5
24	Detection of altered water content of AlHammar marshes. AIP Conference Proceedings, 2020, , .	0.4	5
25	Indoor ²²² Rn measurement and hazards indices in houses of Al-Najaf province " Iraq. AIP Conference Proceedings, 2018, , .	0.4	4
26	The influence of partial substitution of antimony & lanthanum oxides on electrical and structural properties for the superconductor compound Bi _{2-x} Sb _x Ba ₂ Ca ₂ YCu ₃ O _{10+δ} . AIP Conference Proceedings, 2019, , .	0.4	4
27	Heat Treatment at Different Temperatures and its Effect on the Optical Properties of Pure PMMA and PMMA-Coumarin. Key Engineering Materials, 0, 900, 42-47.	0.4	4
28	Evaluation of the Pollution Elements at Samara Water Table " Iraq. Iraqi Journal of Science, 0, , 898-907.	0.3	4
29	Effect of gamma irradiation on the TlBa ₂ Ca ₂ Cu ₃ O _{9+δ} superconducting properties. AIP Conference Proceedings, 2018, , .	0.4	3
30	The effect of simultaneous doping of Sb in Bi-O layer of Bi _{2-x} Sb _x Ba ₂ Ca ₂ Cu ₃ O _{10+δ} superconductors. Energy Procedia, 2019, 157, 216-221.	1.8	3
31	The effective of partial replacement of barium by yttrium on HgBa _{2-x} Y _x Ca ₂ Cu ₃ O _{8+δ} superconducting compound. AIP Conference Proceedings, 2019, , .	0.4	3
32	Influence of Cu Dopant on SnS Thin Films Characterization and Enhance Efficiency of p-SnS:Cu /n-Si Solar Cell. Key Engineering Materials, 0, 886, 66-74.	0.4	3
33	The Effect of Fractional Replacement of Calcium with Lanthanum on the Characteristics of HgBa ₂ Ca _{2-x} LaxCu ₃ O _{8+δ} Compound. NeuroQuantology, 2020, 18, 19-24.	0.2	3
34	Improving efficiency of solar cell for MnS through annealing. AIP Conference Proceedings, 2020, , .	0.4	3
35	HgBa ₂ Ca _{n-1} Cu _n O _{2n+2+δ} Superconducting thin films Prepared by Pulsed Laser Deposition. Energy Procedia, 2017, 119, 490-500.	1.8	2
36	Radiological Risk Assessments for Occupational Exposure at Fuel Fabrication Facility in AlTuwaitha Site Baghdad " Iraq by using RESRAD Computer Code. Journal of Physics: Conference Series, 2018, 1003, 012080.	0.4	2

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37	Evaluation of (Ni, Cr, Cu) Concentration in the Soil of Diyala Utilizing GIS Techniques. IOP Conference Series: Materials Science and Engineering, 2020, 928, 072111.	0.6	2
38	The Effect of Gamma Radiation on the Manufactured $\text{HgBa}_{2}\text{Ca}_{2}\text{Cu}_{2.4}\text{Ag}_{0.6}\text{O}_{8+\delta}$ Compound. Materials Science Forum, 0, 1050, 41-47.	0.3	2
39	The Concentration of the Toxic Elements (Cd, Hg, As) in Diyala Governorate Soil Utilizing GIS Techniques. Journal of Physics: Conference Series, 2021, 1879, 032063.	0.4	1
40	Determining Heavy Metals and other Elements Concentrations in the Soil at Baquba-Iraq. Key Engineering Materials, 0, 886, 273-280.	0.4	1
41	The effect of potassium substitution on the properties of $\text{HgBa}_{2}\text{Ca}_{2}\text{Cu}_{3}\text{O}_{8+\delta}$ Compound. Journal of Physics: Conference Series, 2021, 1879, 032064.	0.4	1
42	Effect of V, In and Cu doping on properties of p-type ZnSe/Si heterojunction solar cell. Progress in Industrial Ecology, 2019, 13, 173.	0.2	1
43	Thickness Influence on Structural and Optical Properties of ZnO Thin Films Prepared by Thermal Evaporation. Ibn Al-Haitham Journal for Pure and Applied Sciences, 2018, 31, 79.	0.3	1
44	Superconducting Compound $\text{Hg}_{0.8}\text{Sb}_{0.2}\text{Ba}_{2}\text{Ca}_{2}\text{Cu}_{3}\text{O}_{8+\delta}$ Compared with $\text{Hg}_{0.8}\text{Sb}_{0.2}\text{Ba}_{2}\text{Ca}_{1}\text{Cu}_{2}\text{O}_{6+\delta}$ to Evaluate Transition Temperature. NeuroQuantology, 2020, 18, 14-18.	0.2	1
45	Effect Partial Substitution of Calcium by Cadmium on Dielectrically Properties of $\text{Li}_{0.4}\text{Cd}_{0.6}\text{Ba}_{2}\text{Ca}_{2}\text{Cu}_{3}\text{O}_{10+\delta}$ System. Materials Science Forum, 0, 1050, 35-40.	0.3	1
46	Doping And Annealing Effect On Evaporation Of ZnO Thin Films. Journal of Physics: Conference Series, 2018, 1003, 012101.	0.4	0
47	Fabrication & Characterization of AlAs/pSi Heterojunction Solar Cell. Journal of Physics: Conference Series, 2018, 1003, 012110.	0.4	0
48	Bearing failure detection of micro wind turbine via power spectral density analysis for stator current signals spectrum. AIP Conference Proceedings, 2018, , .	0.4	0
49	Effect of ultrasonic pretreatment on pyrolysis of microalgae. AIP Conference Proceedings, 2019, , .	0.4	0
50	Synthesis and Characterization of the Thin Films NiSe ₂ /Si Heterojunction for Solar Cells. Key Engineering Materials, 0, 886, 57-65.	0.4	0
51	Synthesis of $\text{HgSr}_{2-x}\text{Y}_x\text{Ca}_2\text{Cu}_3\text{O}_{8+\delta}$ Superconducting Compound. Key Engineering Materials, 0, 886, 42-47.	0.4	0
52	Effect of Partial Substitution of Sr by Ba on the Structural Properties of $\text{Tl}_{0.8}\text{Ni}_{0.2}\text{Sr}_{2-x}\text{Br}_x\text{Ca}_2\text{Cu}_3\text{O}_{9\frac{1}{4}}$ System. Key Engineering Materials, 0, 900, 172-179.	0.4	0
53	The Effective of Pressure on the Physical Proprieties of $\text{Y}_{2}\text{Ba}_{4}\text{Cu}_{7}\text{O}_{15}$ Superconductor. Materials Science Forum, 0, 1050, 3-8.	0.3	0
54	Thermal and Mechanical Behaviour of Heat-resistant Clay-silica Composites. NeuroQuantology, 2022, 20, 43-46.	0.2	0