

Yusuf Osman Donar

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

390
citations

759233

12
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

468
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation and characterization of agricultural waste biomass based hydrochars. <i>Fuel</i> , 2016, 183, 366-372.	6.4	73
2	TiO ₂ /Carbon Materials Derived from Hydrothermal Carbonization of Waste Biomass: A Highly Efficient, Low-Cost Visible-Light-Driven Photocatalyst. <i>ChemCatChem</i> , 2018, 10, 1134-1139.	3.7	44
3	Tuning the energy bandgap and nonlinear absorption coefficients of CdO nanocomposite films with doping and annealing process. <i>Optical Materials</i> , 2020, 103, 109880.	3.6	32
4	Adsorption of anionic and cationic dyes on biochars, produced by hydrothermal carbonization of waste biomass: effect of surface functionalization and ionic strength. <i>Turkish Journal of Chemistry</i> , 2018, 42, 86-99.	1.2	28
5	Catalytic effect of tin oxide nanoparticles on cellulose pyrolysis. <i>Journal of Analytical and Applied Pyrolysis</i> , 2016, 119, 69-74.	5.5	25
6	Effect of Cr/Sb doping and annealing on nonlinear absorption coefficients of SnO ₂ /PMMA nanocomposite films. <i>Materials Chemistry and Physics</i> , 2020, 255, 123596.	4.0	21
7	Green synthesis of carbon based biosensor materials from algal biomass for the sensitive detection of vardenafil. <i>Journal of Electroanalytical Chemistry</i> , 2020, 871, 114286.	3.8	20
8	Thermal annealing and dopant dependence of nonlinear absorption characteristics in ZnO Nanoparticle/PMMA films. <i>Optical Materials</i> , 2020, 101, 109749.	3.6	20
9	Enhanced photocatalytic activity of carbon and zirconium modified TiO ₂ . <i>Catalysis Today</i> , 2017, 284, 215-220.	4.4	19
10	Enhanced nonlinear absorption coefficient and low optical limiting threshold of NiO nanocomposite films. <i>Optik</i> , 2021, 227, 165975.	2.9	16
11	Controlling the nonlinear absorption characteristics of TiO ₂ /carbon nanocomposites on films. <i>Optics and Laser Technology</i> , 2018, 108, 510-514.	4.6	13
12	Turning toxic cigarette butt waste into the sensor material for the sensitive determination of antihypertensive drug trandolapril from its dosage form and biological samples. <i>Sensors and Actuators B: Chemical</i> , 2019, 296, 126626.	7.8	13
13	Utilisation of lignin as a model biomass component for preparing a highly active photocatalyst under UV and visible light. <i>Materials Science in Semiconductor Processing</i> , 2020, 118, 105151.	4.0	13
14	Tuning the linear and nonlinear optical absorption properties of ZnS/hydrochar nanocomposites by concentration of nanoparticles. <i>Optical Materials</i> , 2021, 113, 110849.	3.6	10
15	Recycled algae-based carbon materials as electroconductive 3D printed skeletal muscle tissue engineering scaffolds. <i>Journal of Materials Science: Materials in Medicine</i> , 2021, 32, 73.	3.6	10
16	Effect of metal oxide nanoparticles on the evolution of valuable gaseous products during pyrolysis of Turkish low-rank coal. <i>Journal of Analytical and Applied Pyrolysis</i> , 2018, 136, 242-247.	5.5	9
17	The short-term effects of pyro- and hydrochars derived from different organic wastes on some soil properties. <i>Biomass Conversion and Biorefinery</i> , 2022, 12, 129-139.	4.6	8
18	Preparation and characterization gallic acid-titanium dioxide nanocomposites for biosensing application on voltammetric detection of DNA. <i>Journal of Electroanalytical Chemistry</i> , 2021, 892, 115262.	3.8	8

#	ARTICLE	IF	CITATIONS
19	Tuning the energy bandgap and nonlinear absorption coefficients of WO _x / ZrO ₂ nanocomposite thin films with the role of weight and doping concentration. Journal of Luminescence, 2022, 247, 118869.	3.1	8