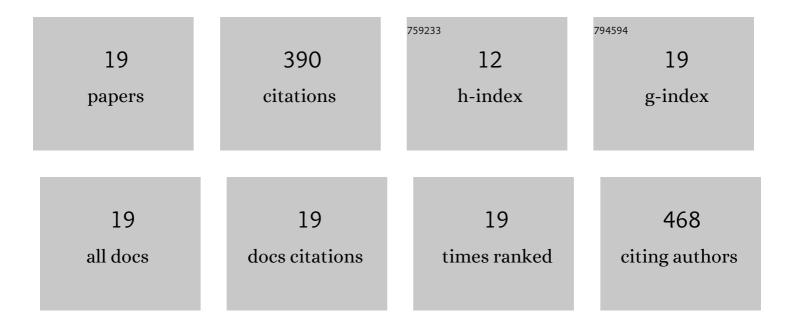
## Yusuf Osman Donar

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/11259646/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Preparation and characterization of agricultural waste biomass based hydrochars. Fuel, 2016, 183, 366-372.	6.4	73
2	TiO <sub>2</sub> /Carbon Materials Derived from Hydrothermal Carbonization of Waste Biomass: A Highly Efficient, Lowâ€Cost Visibleâ€Lightâ€Driven Photocatalyst. ChemCatChem, 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. Optical Materials, 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. Turkish Journal of Chemistry, 2018, 42, 86-99.	1.2	28
5	Catalytic effect of tin oxide nanoparticles on cellulose pyrolysis. Journal of Analytical and Applied Pyrolysis, 2016, 119, 69-74.	5.5	25
6	Effect of Cr/Sb doping and annealing on nonlinear absorption coefficients of SnO2 /PMMA nanocomposite films. Materials Chemistry and Physics, 2020, 255, 123596.	4.0	21
7	Green synthesis of carbon based biosensor materials from algal biomass for the sensitive detection of vardenafil. Journal of Electroanalytical Chemistry, 2020, 871, 114286.	3.8	20
8	Thermal annealing and dopant dependence of nonlinear absorption characteristics in ZnO Nanoparticle/PMMA films. Optical Materials, 2020, 101, 109749.	3.6	20
9	Enhanced photocatalytic activity of carbon and zirconium modified TiO2. Catalysis Today, 2017, 284, 215-220.	4.4	19
10	Enhanced nonlinear absorption coefficient and low optical limiting threshold of NiO nanocomposite films. Optik, 2021, 227, 165975.	2.9	16
11	Controlling the nonlinear absorption characteristics of TiO2/carbon nanocomposites on films. Optics and Laser Technology, 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. Sensors and Actuators B: Chemical, 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. Materials Science in Semiconductor Processing, 2020, 118, 105151.	4.0	13
14	Tuning the linear and nonlinear optical absorption properties of ZnS/hydrochar nanocomposites by concentration of nanoparticles. Optical Materials, 2021, 113, 110849.	3.6	10
15	Recycled algae-based carbon materials as electroconductive 3D printed skeletal muscle tissue engineering scaffolds. Journal of Materials Science: Materials in Medicine, 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. Journal of Analytical and Applied Pyrolysis, 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. Biomass Conversion and Biorefinery, 2022, 12, 129-139.	4.6	8
18	Preparation and characterization gallic acid-titanium dioxide nanocomposites for biosensing application on voltammetric detection of DNA. Journal of Electroanalytical Chemistry, 2021, 892, 115262.	3.8	8

#	ARTICLE	IF	CITATIONS
19	Tuning the energy bandgap and nonlinear absorption coefficients of WOx/ ZrO2 nanocomposite thin films with the role of weight and doping concentration. Journal of Luminescence, 2022, 247, 118869.	3.1	8