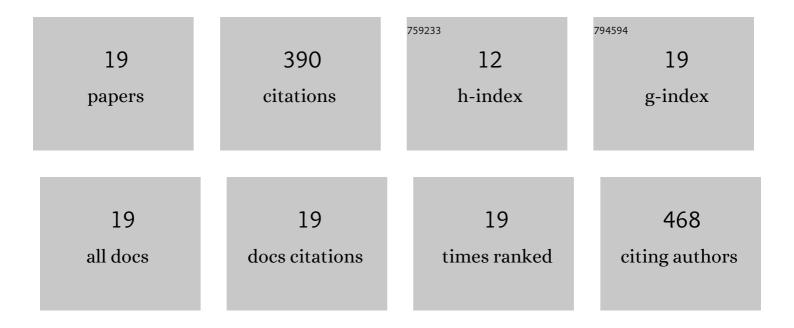
## Yusuf Osman Donar

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	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
2	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
3	Enhanced nonlinear absorption coefficient and low optical limiting threshold of NiO nanocomposite films. Optik, 2021, 227, 165975.	2.9	16
4	Tuning the linear and nonlinear optical absorption properties of ZnS/hydrochar nanocomposites by concentration of nanoparticles. Optical Materials, 2021, 113, 110849.	3.6	10
5	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
6	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
7	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
8	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
9	Thermal annealing and dopant dependence of nonlinear absorption characteristics in ZnO Nanoparticle/PMMA films. Optical Materials, 2020, 101, 109749.	3.6	20
10	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
11	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
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	TiO <sub>2</sub> /Carbon Materials Derived from Hydrothermal Carbonization of Waste Biomass: A Highly Efficient, Low ost Visibleâ€Lightâ€Driven Photocatalyst. ChemCatChem, 2018, 10, 1134-1139.	3.7	44
14	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
15	Controlling the nonlinear absorption characteristics of TiO2/carbon nanocomposites on films. Optics and Laser Technology, 2018, 108, 510-514.	4.6	13
16	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
17	Enhanced photocatalytic activity of carbon and zirconium modified TiO2. Catalysis Today, 2017, 284, 215-220.	4.4	19
18	Catalytic effect of tin oxide nanoparticles on cellulose pyrolysis. Journal of Analytical and Applied Pyrolysis, 2016, 119, 69-74.	5.5	25

#	Article	IF	CITATIONS
19	Preparation and characterization of agricultural waste biomass based hydrochars. Fuel, 2016, 183, 366-372.	6.4	73