

# Taner TekÄ°n

## List of Publications by Year in descending order

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17  
papers

423  
citations

840776

11  
h-index

888059

17  
g-index

17  
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17  
docs citations

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times ranked

446  
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal, photocatalytic, and antibacterial properties of calcinated nano-TiO <sub>2</sub> /polymer composites. <i>Materials Chemistry and Physics</i> , 2020, 251, 123067.	4.0	86
2	Kinetic evaluation of ZnO/TiO <sub>2</sub> thin film photocatalyst in photocatalytic degradation of Orange G. <i>Journal of Molecular Liquids</i> , 2020, 306, 112905.	4.9	77
3	Effect of ultrasound on the dissolution of colemanite in H <sub>2</sub> SO <sub>4</sub> . <i>Hydrometallurgy</i> , 2002, 67, 79-86.	4.3	51
4	Photocatalytic degradation kinetics of Orange G dye over ZnO and Ag/ZnO thin film catalysts. <i>Scientific Reports</i> , 2019, 9, 17544.	3.3	36
5	Effect of ultrasound on the dissolution kinetics of phosphate rock in HNO <sub>3</sub> . <i>Ultrasonics Sonochemistry</i> , 2001, 8, 373-377.	8.2	35
6	Synthesis, characterization of Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> @ZnO composite with a core-shell structure and evaluation of its photocatalytic activity. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 104160.	6.7	30
7	Use of ultrasound in the dissolution kinetics of phosphate rock in HCl. <i>Hydrometallurgy</i> , 2002, 64, 187-192.	4.3	21
8	Preparation and characterization of recyclable Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> @TiO <sub>2</sub> composite photocatalyst, and investigation of the photocatalytic activity. <i>Chemical Engineering Communications</i> , 2021, 208, 1041-1053.	2.6	16
9	Increasing of Photocatalytic Performance of TiO <sub>2</sub> Nanotubes by Doping AgS and CdS. <i>Chemical Engineering Communications</i> , 2017, 204, 852-857.	2.6	14
10	Photocatalytic degradation of textile dyestuffs using TiO <sub>2</sub> nanotubes prepared by sonoelectrochemical method. <i>Applied Surface Science</i> , 2014, 318, 132-136.	6.1	13
11	Photocatalytic degradation kinetics of Reactive Black 5 (RB5) dyestuff on TiO <sub>2</sub> modified by pretreatment with ultrasound energy. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2013, 110, 251-258.	1.7	11
12	Thermal, photocatalytic, and antibacterial properties of rGO/TiO <sub>2</sub> /PVA and rGO/TiO <sub>2</sub> /PEG composites. <i>Polymer Bulletin</i> , 2022, 79, 2585-2602.	3.3	10
13	Effect of the sonication and coating time on the photocatalytic degradation of TiO <sub>2</sub> , TiO <sub>2</sub> -Ag, and TiO <sub>2</sub> -ZnO thin film photocatalysts. <i>Chemical Engineering Communications</i> , 2020, 207, 896-903.	2.6	9
14	Photoelectrocatalytic decomposition of Acid Black 1 dye using TiO <sub>2</sub> nanotubes. <i>Journal of Environmental Chemical Engineering</i> , 2013, 1, 1057-1061.	6.7	7
15	Photocatalytic Degradation Kinetics of Congo Red dye in a Sonophotoreactor with Nanotube TiO <sub>2</sub> . <i>Progress in Reaction Kinetics and Mechanism</i> , 2014, 39, 249-261.	2.1	5
16	Increasing the conversion fraction of sulfur to sodium thiosulfate with the ultrasound energy. <i>Korean Journal of Chemical Engineering</i> , 2006, 23, 731-735.	2.7	1
17	Kinetics of Bacterial Reduction of Hematite by <i>Acidithiobacillus ferrooxidans</i> -r4A1FC2B3. <i>Asian Journal of Chemistry</i> , 2013, 25, 8875-8878.	0.3	1