

Salih Veziroglu

List of Publications by Year in descending order

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Photodeposition of Au Nanoclusters for Enhanced Photocatalytic Dye Degradation over TiO ₂ Thin Film. ACS Applied Materials & Interfaces, 2020, 12, 14983-14992.	4.0	75
2	A comparative study of photocatalysis on highly active columnar TiO ₂ nanostructures in-air and in-solution. Solar Energy Materials and Solar Cells, 2018, 178, 170-178.	3.0	59
3	Pathways to Tailor Photocatalytic Performance of TiO ₂ Thin Films Deposited by Reactive Magnetron Sputtering. Materials, 2019, 12, 2840.	1.3	59
4	Selective Laser Melting of 316L Austenitic Stainless Steel: Detailed Process Understanding Using Multiphysics Simulation and Experimentation. Metals, 2021, 11, 1076.	1.0	42
5	Role of UV Plasmonics in the Photocatalytic Performance of TiO ₂ Decorated with Aluminum Nanoparticles. ACS Applied Nano Materials, 2018, 1, 3760-3764.	2.4	35
6	Enhancing thermal conductivity of epoxy with a binary filler system of h-BN platelets and Al ₂ O ₃ nanoparticles. International Journal of Adhesion and Adhesives, 2020, 98, 102540.	1.4	32
7	Plasmonic and non-plasmonic contributions on photocatalytic activity of Au-TiO ₂ thin film under mixed UV-visible light. Surface and Coatings Technology, 2020, 389, 125613.	2.2	26
8	Cauliflower-like CeO ₂ -TiO ₂ hybrid nanostructures with extreme photocatalytic and self-cleaning properties. Nanoscale, 2019, 11, 9840-9844.	2.8	24
9	PdO nanoparticles decorated TiO ₂ film with enhanced photocatalytic and self-cleaning properties. Materials Today Chemistry, 2020, 16, 100251.	1.7	22
10	Photocatalytic Growth of Hierarchical Au Needle Clusters on Highly Active TiO ₂ Thin Film. Advanced Materials Interfaces, 2018, 5, 1800465.	1.9	21
11	Ultra-fast degradation of methylene blue by Au/ZnO-CeO ₂ nano-hybrid catalyst. Materials Letters, 2017, 209, 486-491.	1.3	20
12	The impact of O ₂ /Ar ratio on morphology and functional properties in reactive sputtering of metal oxide thin films. Nanotechnology, 2019, 30, 235603.	1.3	20
13	Superhydrophobic 3D Porous PTFE/TiO ₂ Hybrid Structures. Advanced Materials Interfaces, 2019, 6, 1801967.	1.9	19
14	Tuning wettability of TiO ₂ thin film by photocatalytic deposition of 3D flower- and hedgehog-like Au nano- and microstructures. Applied Surface Science, 2021, 537, 147795.	3.1	16
15	Marine Algae-PLA composites as de novo alternative to porcine derived collagen membranes. Materials Today Chemistry, 2020, 17, 100276.	1.7	16
16	Ag Nanoparticles Decorated TiO ₂ Thin Films with Enhanced Photocatalytic Activity. Physica Status Solidi (A) Applications and Materials Science, 2019, 216, 1800898.	0.8	15
17	Initiated Chemical Vapor Deposition (iCVD) Functionalized Polylactic Acid-Marine Algae Composite Patch for Bone Tissue Engineering. Polymers, 2021, 13, 186.	2.0	11
18	PTFE-Al ₂ O ₃ hybrid nanowires reducing thrombosis and biofouling. Nanoscale Advances, 2019, 1, 4659-4664.	2.2	10

#	ARTICLE	IF	CITATIONS
19	Improvement of Cycling Stability of LiMn_2O_4 Cathode by Al_2O_3 Surface Coating for Li-Ion Batteries. Acta Physica Polonica A, 2013, 123, 368-370.	0.2	6
20	Early osteoblastic activity on TiO_2 thin films decorated with flower-like hierarchical Au structures. RSC Advances, 2020, 10, 28935-28940.	1.7	6
21	Marine Algae Incorporated Polylactide Acid Patch: Novel Candidate for Targeting Osteosarcoma Cells without Impairing the Osteoblastic Proliferation. Polymers, 2021, 13, 847.	2.0	5
22	Selective Adsorption and Photocatalytic Cleanup of Oil by TiO_2 Thin Film Decorated with V_3D_3 Modified Flowerlike Ag Nanoplates. Advanced Materials Interfaces, 2022, 9, .	1.9	3
23	The Effect of Multiple Cation (Al, Si, Ti, Co) Doping on Electrochemical Performance of LiMn_2O_4 Cathode Active Material. Acta Physica Polonica A, 2013, 123, 365-367.	0.2	1
24	Synthesis, characterization and improvement of $\text{Ni}_3\text{-Co(OH)}_2$ for supercapacitor applications. , 2014, , .		1
25	Hierarchical Structures: Photocatalytic Growth of Hierarchical Au Needle Clusters on Highly Active TiO_2 Thin Film (Adv. Mater. Interfaces 15/2018). Advanced Materials Interfaces, 2018, 5, 1870074.	1.9	1
26	Influence of succinic acid and polyethylene glycol (PEG) additives on electrochemical performance of lithium-ion batteries. , 2012, , .		0
27	Superhydrophobic Surfaces: Superhydrophobic 3D Porous PTFE/ TiO_2 Hybrid Structures (Adv. Mater.) Tj ETQq1 1 0.784314 rgBT /Over	1.9	0
28	Selective Adsorption and Photocatalytic Cleanup of Oil by TiO_2 Thin Film Decorated with V_3D_3 Modified Flowerlike Ag Nanoplates (Adv. Mater. Interfaces 14/2022). Advanced Materials Interfaces, 2022, 9, .	1.9	0