

Soner Cakar

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

671
citations

567281

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all docs

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773
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of palladium/zinc oxide photocatalysts prepared by different palladium doping methods for congo red degradation. <i>Journal of Colloid and Interface Science</i> , 2016, 466, 128-137.	9.4	115
2	Fe-tannic acid complex dye as photo sensitizer for different morphological ZnO based DSSCs. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 163, 79-88.	3.9	72
3	Investigation of Vegetable Tannins and Their Iron Complex Dyes for Dye Sensitized Solar Cell Applications. <i>Electrochimica Acta</i> , 2016, 209, 407-422.	5.2	51
4	Efficiency of glucose oxidase immobilized on tannin modified NiFe ₂ O ₄ nanoparticles on decolorization of dye in the Fenton and photo-biocatalytic processes. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 382, 111935.	3.9	43
5	The effect of iron complexes of quercetin on dye-sensitized solar cell efficiency. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017, 346, 512-522.	3.9	40
6	The effects of metal doped TiO ₂ and dithizone-metal complexes on DSSCs performance. <i>Solar Energy</i> , 2018, 166, 441-449.	6.1	40
7	Lipase-based on starch material as a development matrix with magnetite cross-linked enzyme aggregates and its application. <i>International Journal of Biological Macromolecules</i> , 2018, 120, 1533-1543.	7.5	37
8	Electrochemical and photovoltaic properties of highly efficient solar cells with cobalt/zinc phthalocyanine sensitizers. <i>Solar Energy</i> , 2018, 160, 18-24.	6.1	34
9	Photoluminescence properties of Li ₆ CaB ₃ O _{8.5} : M ³⁺ (M ³⁺ : Dy and Sm). <i>Journal of Luminescence</i> , 2012, 132, 2312-2317.	3.1	29
10	The pH dependent tannic acid and Fe-tannic acid complex dye for dye sensitized solar cell applications. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 371, 282-291.	3.9	28
11	Electrochemical Sensor for Facile and Highly Selective Determination of Antineoplastic Agent in Real Samples Using Glassy Carbon Electrode Modified by 2D-MoS ₂ NFs/TiO ₂ NPs. <i>Topics in Catalysis</i> , 2022, 65, 564-576.	2.8	26
12	1,10 phenanthroline 5,6 diol metal complex (Cu, Fe) sensitized solar cells: A cocktail dye effect. <i>Journal of Power Sources</i> , 2019, 435, 226825.	7.8	21
13	Thermal characterization of Er-doped and Er-Gd co-doped ceria-based electrolyte materials for SOFC. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 133, 1233-1239.	3.6	19
14	The bulk electrical conductivity properties of δ -Bi ₂ O ₃ solid electrolyte system doped with Yb ₂ O ₃ . <i>Journal of Thermal Analysis and Calorimetry</i> , 2015, 122, 525-536.	3.6	18
15	Fe-quercetin coupled different shaped ZnO rods based dye sensitized solar cell applications. <i>Solar Energy</i> , 2017, 155, 233-245.	6.1	18
16	Novel Co and Zn-Phthalocyanine dyes with octa-carboxylic acid substituents for DSSCs. <i>Solar Energy</i> , 2021, 218, 169-179.	6.1	16
17	Polyacrylonitrile/polyindole and poly(glycidyl methacrylate)/polyindole composites based quasi solid electrolyte materials for dye sensitized solar cells. <i>Solar Energy</i> , 2021, 215, 157-168.	6.1	14
18	The Determination of Timolol Maleate Using Silver/Tannic Acid/Titanium Oxide Nanocomposite as an Electrochemical Sensor in Real Samples. <i>Electroanalysis</i> , 2022, 34, 1150-1162.	2.9	13

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19	Synthesis and characterization of $\hat{\text{I}}^3\text{-Bi}_2\text{O}_3$ based solid electrolyte doped with Nb_2O_5 . Bulletin of Materials Science, 2014, 37, 843-848.	1.7	12
20	A photo-sensitive $\text{BiVO}_4@\text{Bi}_2\text{O}_3@g\text{-C}_3\text{N}_4$ sensor for the detection of dopamine. Microchemical Journal, 2022, 178, 107360.	4.5	11
21	Fabrication and Characterization of Dysprosiumâ€Doped Bismuth Oxide Films for $\text{IT}@\text{SOFC}$ s via Slurry Spin Coating Technique. International Journal of Applied Ceramic Technology, 2015, 12, E152.	2.1	6
22	Preparation and antibacterial activity of solvothermal synthesized $\text{ZnFe}_2\text{O}_4/\text{Ag-TiO}_2$ nanocomposite. Sakarya University Journal of Science, 0, , 1-1.	0.7	4
23	MOFs-based dye-sensitized photovoltaics. , 2022, , 487-506.		3
24	Fe/ZnO nanorod photoanode and pyrocatechol violet sensitizer based dye sensitized solar cells. Sakarya University Journal of Science, 2018, 22, 1736-1742.	0.7	1