Soner Cakar

List of Publications by Year
in descending order

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24	671	567281 15	677142 22
papers	citations	h-index	g-index

24	24	24	773
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Electrochemical Sensor for Facile and Highly Selective Determination of Antineoplastic Agent in Real Samples Using Glassy Carbon Electrode Modified by 2D-MoS2 NFs/TiO2 NPs. Topics in Catalysis, 2022, 65, 564-576.	2.8	26
2	The Determination of Timolol Maleate Using Silver/Tannic Acid/Titanium Oxide Nanocomposite as an Electrochemical Sensor in Real Samples. Electroanalysis, 2022, 34, 1150-1162.	2.9	13
3	A photo-sensitive BiVO4@Bi2O3@g-C3N4 sensor for the detection of dopamine. Microchemical Journal, 2022, 178, 107360.	4.5	11
4	MOFs-based dye-sensitized photovoltaics. , 2022, , 487-506.		3
5	Polyacrylonitrile/polyindole and poly(glycidyl methacrylate)/polyindole composites based quasi solid electrolyte materials for dye sensitized solar cells. Solar Energy, 2021, 215, 157-168.	6.1	14
6	Novel Co and Zn-Phthalocyanine dyes with octa-carboxylic acid substituents for DSSCs. Solar Energy, 2021, 218, 169-179.	6.1	16
7	1,10 phenanthroline 5,6 diol metal complex (Cu, Fe) sensitized solar cells: A cocktail dye effect. Journal of Power Sources, 2019, 435, 226825.	7.8	21
8	Efficiency of glucose oxidase immobilized on tannin modified NiFe2O4 nanoparticles on decolorization of dye in the Fenton and photo-biocatalytic processes. Journal of Photochemistry and Photobiology A: Chemistry, 2019, 382, 111935.	3.9	43
9	The pH dependent tannic acid and Fe-tannic acid complex dye for dye sensitized solar cell applications. Journal of Photochemistry and Photobiology A: Chemistry, 2019, 371, 282-291.	3.9	28
10	The effects of metal doped TiO2 and dithizone-metal complexes on DSSCs performance. Solar Energy, 2018, 166, 441-449.	6.1	40
11	Electrochemical and photovoltaic properties of highly efficient solar cells with cobalt/zinc phthalocyanine sensitizers. Solar Energy, 2018, 160, 18-24.	6.1	34
12	Thermal characterization of Er-doped and Erâ€“Gd co-doped ceria-based electrolyte materials for SOFC. Journal of Thermal Analysis and Calorimetry, 2018, 133, 1233-1239.	3.6	19
13	Lipase-based on starch material as a development matrix with magnetite cross-linked enzyme aggregates and its application. International Journal of Biological Macromolecules, 2018, 120, 1533-1543.	7.5	37
14	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
15	Fe-quercetin coupled different shaped ZnO rods based dye sensitized solar cell applications. Solar Energy, 2017, 155, 233-245.	6.1	18
16	The effect of iron complexes of quercetin on dye-sensitized solar cell efficiency. Journal of Photochemistry and Photobiology A: Chemistry, 2017, 346, 512-522.	3.9	40
17	Investigation of Vegetable Tannins and Their Iron Complex Dyes for Dye Sensitized Solar Cell Applications. Electrochimica Acta, 2016, 209, 407-422.	5.2	51
18	Feâ€“tannic acid complex dye as photo sensitizer for different morphological ZnO based DSSCs. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2016, 163, 79-88.	3.9	72

#	Article	IF	Citations
19	Comparison of palladium/zinc oxide photocatalysts prepared by different palladium doping methods for congo red degradation. Journal of Colloid and Interface Science, 2016, 466, 128-137.	9.4	115
20	The bulk electrical conductivity properties of Î´-Bi2O3 solid electrolyte system doped with Yb2O3. Journal of Thermal Analysis and Calorimetry, 2015, 122, 525-536.	3.6	18
21	Fabrication and Characterization of DysprosiumâEDoped Bismuth Oxide Films for <scp>IT</scp>â€<scp>SOFC</scp>s via Slurry Spin Coating Technique. International Journal of Applied Ceramic Technology, 2015, 12, E152.	2.1	6
22	Synthesis and characterization of Î³-Bi2O3 based solid electrolyte doped with Nb2O5. Bulletin of Materials Science, 2014, 37, 843-848.	1.7	12
23	Photoluminescence properties of Li6CaB3O8.5: M3+ (M3+: Dy and Sm). Journal of Luminescence, 2012, 132, 2312-2317.	3.1	29
24	Preparation and antibacterial activity of solvothermal synthesized ZnFe2O4/Ag-TiO2 nanocomposite. Sakarya University Journal of Science, 0, , 1-1.	0.7	4