

Yasemin Saygili

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11898488/publications.pdf>

Version: 2024-02-01

19
papers

2,250
citations

430442

18
h-index

794141

19
g-index

19
all docs

19
docs citations

19
times ranked

2863
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular Engineering of Simple Metal-Free Organic Dyes Derived from Triphenylamine for Dye-Sensitized Solar Cell Applications. <i>ChemSusChem</i> , 2020, 13, 212-220.	3.6	31
2	Revealing the Mechanism of Doping of <i>spiro</i> -MeOTAD via Zn Complexation in the Absence of Oxygen and Light. <i>ACS Energy Letters</i> , 2020, 5, 1271-1277.	8.8	29
3	Liquid State and Zombie Dye Sensitized Solar Cells with Copper Bipyridine Complexes Functionalized with Alkoxy Groups. <i>Journal of Physical Chemistry C</i> , 2020, 124, 7071-7081.	1.5	24
4	Metal Coordination Complexes as Redox Mediators in Regenerative Dye-Sensitized Solar Cells. <i>Inorganics</i> , 2019, 7, 30.	1.2	79
5	Planar Perovskite Solar Cells with High Open-Circuit Voltage Containing a Supramolecular Iron Complex as Hole Transport Material Dopant. <i>ChemPhysChem</i> , 2018, 19, 1363-1370.	1.0	17
6	Comprehensive control of voltage loss enables 11.7% efficient solid-state dye-sensitized solar cells. <i>Energy and Environmental Science</i> , 2018, 11, 1779-1787.	15.6	148
7	Boosting the Efficiency of Perovskite Solar Cells with CsBr-Modified Mesoporous TiO ₂ Beads as Electron-Selective Contact. <i>Advanced Functional Materials</i> , 2018, 28, 1705763.	7.8	115
8	Alternative bases to 4-tert-butylpyridine for dye-sensitized solar cells employing copper redox mediator. <i>Electrochimica Acta</i> , 2018, 265, 194-201.	2.6	38
9	Molecular Design of Efficient Organic A ⁺ A ⁻ A Dye Featuring Triphenylamine as Donor Fragment for Application in Dye-Sensitized Solar Cells. <i>ChemSusChem</i> , 2018, 11, 494-502.	3.6	45
10	Effect of Coordination Sphere Geometry of Copper Redox Mediators on Regeneration and Recombination Behavior in Dye-Sensitized Solar Cell Applications. <i>ACS Applied Energy Materials</i> , 2018, 1, 4950-4962.	2.5	49
11	Electron-Affinity-Triggered Variations on the Optical and Electrical Properties of Dye Molecules Enabling Highly Efficient Dye-Sensitized Solar Cells. <i>Angewandte Chemie</i> , 2018, 130, 14321-14324.	1.6	26
12	Electron-Affinity-Triggered Variations on the Optical and Electrical Properties of Dye Molecules Enabling Highly Efficient Dye-Sensitized Solar Cells. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 14125-14128.	7.2	56
13	Electrochemical Properties of Cu(II/I)-Based Redox Mediators for Dye-Sensitized Solar Cells. <i>Electrochimica Acta</i> , 2017, 227, 194-202.	2.6	63
14	Dye-sensitized solar cells for efficient power generation under ambient lighting. <i>Nature Photonics</i> , 2017, 11, 372-378.	15.6	871
15	11% efficiency solid-state dye-sensitized solar cells with copper(II/I) hole transport materials. <i>Nature Communications</i> , 2017, 8, 15390.	5.8	229
16	Novel highly active Pt/graphene catalyst for cathodes of Cu(II/I)-mediated dye-sensitized solar cells. <i>Electrochimica Acta</i> , 2017, 251, 167-175.	2.6	43
17	A small electron donor in cobalt complex electrolyte significantly improves efficiency in dye-sensitized solar cells. <i>Nature Communications</i> , 2016, 7, 13934.	5.8	81
18	Novel Blue Organic Dye for Dye-Sensitized Solar Cells Achieving High Efficiency in Cobalt-Based Electrolytes and by Co-Sensitization. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 32797-32804.	4.0	67

#	ARTICLE	IF	CITATIONS
19	Copper Bipyridyl Redox Mediators for Dye-Sensitized Solar Cells with High Photovoltage. Journal of the American Chemical Society, 2016, 138, 15087-15096.	6.6	239