

Mãjrio Cã©sar Vebber

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Thin-Film Engineering of Solution-Processable n-Type Silicon Phthalocyanines for Organic Thin-Film Transistors. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 1008-1020.	8.0	29
2	Bis(trialkylsilyl oxide) Silicon Phthalocyanines: Understanding the Role of Solubility in Device Performance as Ternary Additives in Organic Photovoltaics. <i>Langmuir</i> , 2020, 36, 2612-2621.	3.5	27
3	Self-assembled thin films of PAA/PAH/TiO ₂ for the photooxidation of ibuprofen. Part I: Optimization of photoactivity using design of experiments and surface response methodology. <i>Chemical Engineering Journal</i> , 2019, 360, 1447-1458.	12.7	26
4	Hydrogen production by photocatalytic water splitting using poly(allylamine) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 Td (hydrochloric acid). <i>Journal of Hydrogen Energy</i> , 2016, 41, 17995-18004.	7.1	16
5	Self-assembled thin films of PAA/PAH/TiO ₂ for the photooxidation of ibuprofen. Part II: Characterization, sensitization, kinetics and reutilization. <i>Chemical Engineering Journal</i> , 2019, 361, 1487-1496.	12.7	13
6	Thermodynamic Property-Performance Relationships in Silicon Phthalocyanine-Based Organic Photovoltaics. <i>ACS Applied Energy Materials</i> , 2022, 5, 3426-3435.	5.1	11
7	Characterization and application of self-assembled thin films of polyelectrolytes/TiO ₂ /CdSe for hydrogen production. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 16568-16578.	7.1	10
8	Influence of silver nanoparticle deposition on self-assembled thin films of weak polyelectrolytes/TiO ₂ for bezafibrate photodegradation through central composite experimental design. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 103619.	6.7	10
9	Preparation, characterization and application of polymeric thin films containing silver and copper nanoparticles with bactericidal activity. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 103745.	6.7	10
10	N-Type Solution-Processed Tin versus Silicon Phthalocyanines: A Comparison of Performance in Organic Thin-Film Transistors and in Organic Photovoltaics. <i>ACS Applied Electronic Materials</i> , 2021, 3, 1873-1885.	4.3	10
11	Variance-resistant PTB7 and axially-substituted silicon phthalocyanines as active materials for high-Voc organic photovoltaics. <i>Scientific Reports</i> , 2021, 11, 15347.	3.3	8
12	Hydrogen photocatalytic production from the self-assembled films of PAH/PAA/TiO ₂ supported on bacterial cellulose membranes. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 15794-15806.	7.1	6
13	Design of ternary additive for organic photovoltaics: a cautionary tale. <i>RSC Advances</i> , 2022, 12, 10029-10036.	3.6	2
14	Polymeric Composites for Industrial Water Treatment: An Overview. <i>Water Science and Technology Library</i> , 2022, , 257-283.	0.3	1