

# Vida Turkovic

## List of Publications by Year in descending order

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31  
papers

1,384  
citations

516561

16  
h-index

552653

26  
g-index

33  
all docs

33  
docs citations

33  
times ranked

2275  
citing authors

#	ARTICLE	IF	CITATIONS
1	Additive-Assisted Stabilization Against Photooxidation of Organic and Hybrid Solar Cells. , 2022, , 169-193.		0
2	Influence of solvent additive on the performance and aging behavior of non-fullerene organic solar cells. Solar Energy, 2022, 232, 120-127.	2.9	9
3	2D materials for organic and perovskite photovoltaics. Nano Energy, 2022, 94, 106833.	8.2	20
4	Synergistic effect of carotenoid and silicone-based additives for photooxidatively stable organic solar cells with enhanced elasticity. Journal of Materials Chemistry C, 2021, 9, 11838-11850.	2.7	7
5	Bias-Dependent Dynamics of Degradation and Recovery in Perovskite Solar Cells. ACS Applied Energy Materials, 2021, 4, 6562-6573.	2.5	11
6	Oxygen-dependent photophysics and photochemistry of prototypical compounds for organic photovoltaics: inhibiting degradation initiated by singlet oxygen at a molecular level. Methods and Applications in Fluorescence, 2020, 8, 014001.	1.1	22
7	Identification of Degradation Mechanisms in Slot-Die-Coated Nonfullerene ITO-Free Organic Solar Cells Using Different Illumination Spectra. ACS Applied Energy Materials, 2020, 3, 6476-6485.	2.5	7
8	Degradation Behavior of Scalable Nonfullerene Organic Solar Cells Assessed by Outdoor and Indoor ISOS Stability Protocols. Energy Technology, 2020, 8, 2000295.	1.8	19
9	Consensus statement for stability assessment and reporting for perovskite photovoltaics based on ISOS procedures. Nature Energy, 2020, 5, 35-49.	19.8	797
10	Peculiarities of perovskite photovoltaics degradation and how to account for them in stability studies. , 2020, , .		2
11	Planar Perovskite Solar Cells Using Fullerene C70 as Electron Selective Transport Layer. International Journal of Optics and Photonics, 2020, 14, 15-24.	0.2	0
12	Biomimetic Approach to Inhibition of Photooxidation in Organic Solar Cells Using Beta-Carotene as an Additive. ACS Applied Materials & Interfaces, 2019, 11, 41570-41579.	4.0	34
13	Crystalline Molybdenum Oxide Layers as Efficient and Stable Hole Contacts in Organic Photovoltaic Devices. ACS Applied Energy Materials, 2019, 2, 420-427.	2.5	26
14	Inhibiting Photo-oxidative Degradation in Organic Solar Cells using Stabilizing Additives. World Scientific Series in Nanoscience and Nanotechnology, 2019, , 367-421.	0.1	0
15	World Scientific Reference of Hybrid Materials. World Scientific Series in Nanoscience and Nanotechnology, 2019, , .	0.1	1
16	Reconsidering figures of merit for performance and stability of perovskite photovoltaics. Energy and Environmental Science, 2018, 11, 739-743.	15.6	79
17	Dynamics of Photoinduced Degradation of Perovskite Photovoltaics: From Reversible to Irreversible Processes. ACS Applied Energy Materials, 2018, 1, 799-806.	2.5	85
18	Stability of organic solar cells with PCDTBT donor polymer: An interlaboratory study. Journal of Materials Research, 2018, 33, 1909-1924.	1.2	17

#	ARTICLE	IF	CITATIONS
19	Stabilizing organic solar cells using antioxidants, radical scavengers and light stabilizers (Conference Presentation). , 2017, , .		0
20	Long-term stabilization of organic solar cells using UV absorbers. Journal Physics D: Applied Physics, 2016, 49, 125604.	1.3	23
21	Long-term stabilization of organic solar cells using hydroperoxide decomposers as additives. Applied Physics A: Materials Science and Processing, 2016, 122, 1.	1.1	23
22	Multiple stress degradation analysis of the active layer in organic photovoltaics. Solar Energy Materials and Solar Cells, 2014, 120, 654-668.	3.0	30
23	Long-Term Stabilization of Organic Solar Cells Using Hindered Phenols as Additives. ACS Applied Materials & Interfaces, 2014, 6, 18525-18537.	4.0	46
24	Revealing the Active Layer Morphology within Complete Solar Cell Devices via Spectroscopic Ellipsometry. Journal of Physical Chemistry C, 2013, 117, 25205-25210.	1.5	1
25	Direct Correlation of the Organic Solar Cell Device Performance to the In-Depth Distribution of Highly Ordered Polymer Domains in Polymer/Fullerene Films. Advanced Energy Materials, 2013, 3, 1463-1472.	10.2	13
26	Photon recycling across a ultraviolet-blocking layer by luminescence in polymer solar cells. Journal of Applied Physics, 2012, 112, 034517.	1.1	26
27	Aging of polymer/fullerene films: Temporal development of composition profiles. Synthetic Metals, 2012, 161, 2540-2543.	2.1	14
28	Methods in determination of morphological degradation of polymer:fullerene solar cells. Synthetic Metals, 2012, 161, 2534-2539.	2.1	19
29	Optical order of the polymer phase within polymer/fullerene blend films. Journal of Polymer Science, Part B: Polymer Physics, 2012, 50, 1363-1373.	2.4	28
30	Ellipsometric Investigation of the Shape of Nanodomains in Polymer/Fullerene Films. Advanced Energy Materials, 2011, 1, 684-689.	10.2	22
31	Biomimetic Additive-Assisted Stabilization of Organic Solar Cells. , 0, , .		0