Yeshayahu Lifshitz

List of Publications by Year
in descending order

17	5,196	566801 15	839053 18
papers	citations	h-index	g-index

18	18	18	8535
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Approaching the Volcano Top: Iridium/Silicon Nanocomposites as Efficient Electrocatalysts for the Hydrogen Evolution Reaction. ACS Nano, 2019, 13, 2786-2794.	7.3	106
2	Enhanced RuBisCO activity and promoted dicotyledons growth with degradable carbon dots. Nano Research, 2019, 12, 1585-1593.	5.8	73
3	Localâ€Curvatureâ€Controlled Nonâ€Epitaxial Growth of Hierarchical Nanostructures. Angewandte Chemie, 2018, 130, 3834-3838.	1.6	19
4	A g-C₃N₄ based photoelectrochemical cell using O₂/H₂O redox couples. Energy and Environmental Science, 2018, 11, 1841-1847.	15.6	41
5	Defects induced efficient overall water splitting on a carbon-based metal-free photocatalyst. Applied Catalysis B: Environmental, 2018, 237, 166-174.	10.8	46
6	Impacts of Carbon Dots on Rice Plants: Boosting the Growth and Improving the Disease Resistance. ACS Applied Bio Materials, 2018, 1, 663-672.	2.3	143
7	C₃Nâ€”A 2D Crystalline, Holeâ€Free, Tunableâ€Narrowâ€Bandgap Semiconductor with Ferromagnetic Properties. Advanced Materials, 2017, 29, 1605625.	11.1	350
8	The Lightâ€Induced Fieldâ€Effect Solar Cell Concept â€“ Perovskite Nanoparticle Coating Introduces Polarization Enhancing Silicon Cell Efficiency. Advanced Materials, 2017, 29, 1606370.	11.1	35
9	2D Materials: C₃Nâ€”A 2D Crystalline, Holeâ€Free, Tunableâ€Narrowâ€Bandgap Semiconductor with Ferromagnetic Properties (Adv. Mater. 16/2017). Advanced Materials, 2017, 29, .	11.1	4
10	Carbon Dots as Fillers Inducing Healing/Selfâ€Healing and Anticorrosion Properties in Polymers. Advanced Materials, 2017, 29, 1701399.	11.1	142
11	Hydroxyl-Group-Dominated Graphite Dots Reshape Laser Desorption/Ionization Mass Spectrometry for Small Biomolecular Analysis and Imaging. ACS Nano, 2017, 11, 9500-9513.	7.3	79
12	A Co3O4-CDots-C3N4 three component electrocatalyst design concept for efficient and tunable CO2 reduction to syngas. Nature Communications, 2017, 8, 1828.	5.8	140
13	Carbon Nanodot Surface Modifications Initiate Highly Efficient, Stable Catalysts for Both Oxygen Evolution and Reduction Reactions. Advanced Energy Materials, 2016, 6, 1502039.	10.2	83
14	The Role of Reactive Gases in ZnO Nanowires Growth via the Carbothermal Reaction. Journal of Physical Chemistry C, 2016, 120, 15424-15435.	1.5	3
15	Synthesis of aligned symmetrical multifaceted monolayer hexagonal boron nitride single crystals on resolidified copper. Nanoscale, 2016, 8, 2434-2444.	2.8	81
16	Metal-free efficient photocatalyst for stable visible water splitting via a two-electron pathway. Science, 2015, 347, 970-974.	6.0	3,803
17	Smart Liquid SERS Substrates based on Fe3O4/Au Nanoparticles with Reversibly Tunable Enhancement Factor for Practical Quantitative Detection. Scientific Reports, 2014, 4, 7204.	1.6	41