Yuriy Y Smolin

List of Publications by Year
in descending order

12	355	933447 10	1199594 12
papers	citations	h-index	g-index

13	13	13	575
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Engineering conformal nanoporous polyaniline via oxidative chemical vapor deposition and its potential application in supercapacitors. Chemical Engineering Science, 2019, 194, 156-164.	3.8	34
2	Firstâ€principles modeling for optimal design, operation, and integration of energy conversion and storage systems. AICHE Journal, 2019, 65, e16482.	3.6	13
3	Experimental and theoretical investigation of dye sensitized solar cells integrated with crosslinked poly(vinylpyrrolidone) polymer electrolyte using initiated chemical vapor deposition. Thin Solid Films, 2017, 635, 9-16.	1.8	11
4	Influence of oCVD Polyaniline Film Chemistry in Carbon-Based Supercapacitors. Industrial & Engineering Chemistry Research, 2017, 56, 6221-6228.	3.7	22
5	Engineering Ultrathin Polyaniline in Micro/Mesoporous Carbon Supercapacitor Electrodes Using Oxidative Chemical Vapor Deposition. Advanced Materials Interfaces, 2017, 4, 1601201.	3.7	66
6	Suitability of N-propanoic acid spiropyrans and spirooxazines for use as sensitizing dyes in dye-sensitized solar cells. Physical Chemistry Chemical Physics, 2017, 19, 2981-2989.	2.8	8
7	Oxidative chemical vapor deposition of polyaniline thin films. Beilstein Journal of Nanotechnology, 2017, 8, 1266-1276.	2.8	37
8	Synthesis and integration of poly(1-vinylimidazole) polymer electrolyte in dye sensitized solar cells by initiated chemical vapor deposition. Chemical Engineering Science, 2016, 154, 136-142.	3.8	22
9	Kinetic analysis of the initiated chemical vapor deposition of poly(vinylpyrrolidone) and poly(4-vinylpyridine). Thin Solid Films, 2015, 595, 244-250.	1.8	15
10	Effects of polymer chemistry on polymer-electrolyte dye sensitized solar cell performance: A theoretical and experimental investigation. Journal of Power Sources, 2015, 274, 156-164.	7.8	25
11	Photochromic dye-sensitized solar cells. AIMS Materials Science, 2015, 2, 503-509.	1.4	14
12	Enhanced Charge Storage of Ultrathin Polythiophene Films within Porous Nanostructures. ACS Nano, 2014, 8, 5413-5422.	14.6	88