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	Enhanced Charge Storage of Ultrathin Polythiophene Films within Porous Nanostructures. ACS Nano, 2014, 8, 5413-5422.	14.6	88
2	Engineering Ultrathin Polyaniline in Micro/Mesoporous Carbon Supercapacitor Electrodes Using Oxidative Chemical Vapor Deposition. Advanced Materials Interfaces, 2017, 4, 1601201.	3.7	66
3	Oxidative chemical vapor deposition of polyaniline thin films. Beilstein Journal of Nanotechnology, 2017, 8, 1266-1276.	2.8	37
4	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
5	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
6	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
7	Influence of oCVD Polyaniline Film Chemistry in Carbon-Based Supercapacitors. Industrial & Engineering Chemistry Research, 2017, 56, 6221-6228.	3.7	22
8	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
9	Photochromic dye-sensitized solar cells. AIMS Materials Science, 2015, 2, 503-509.	1.4	14
10	Firstâ€principles modeling for optimal design, operation, and integration of energy conversion and storage systems. AIChE Journal, 2019, 65, e16482.	3.6	13
11	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
12	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