

# Derek Patton

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11156941/publications.pdf>

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9  
papers

417  
citations

1163117

8  
h-index

1474206

9  
g-index

10  
all docs

10  
docs citations

10  
times ranked

576  
citing authors

#	ARTICLE	IF	CITATIONS
1	Conjugated Oligothiophene-Dendron-Capped CdSe Nanoparticles: Synthesis and Energy Transfer. Chemistry of Materials, 2004, 16, 5187-5193.	6.7	92
2	Investigating Carbazole Jacketed Precursor Dendrimers: Sonochemical Synthesis, Characterization, and Electrochemical Crosslinking Properties. Journal of the American Chemical Society, 2007, 129, 12537-12548.	13.7	83
3	Quantitative Electrochemical and Electrochromic Behavior of Terthiophene and Carbazole Containing Conjugated Polymer Network Film Precursors: EC-QCM and EC-SPR. Langmuir, 2007, 23, 908-917.	3.5	68
4	Thiophene Dendron Jacketed Poly(amidoamine) Dendrimers: Nanoparticle Synthesis and Adsorption on Graphite. Journal of the American Chemical Society, 2005, 127, 1744-1751.	13.7	64
5	Polymer Loops vs. Brushes on Surfaces: Adsorption, Kinetics, and Viscoelastic Behavior of Thiol Telechelics on Gold. Macromolecular Chemistry and Physics, 2011, 212, 485-497.	2.2	31
6	Evanescant Waveguide and Photochemical Characterization of Azobenzene-Functionalized Dendrimer Ultrathin Films. Langmuir, 2002, 18, 1688-1694.	3.5	28
7	Nanocomposite Hydrogen-Bonded Multilayer Ultrathin Films by Simultaneous Sexithiophene and Au Nanoparticle Formation. Chemistry of Materials, 2004, 16, 5063-5070.	6.7	24
8	Hybrid Gold Nanoparticle-Cored Conjugated Thiophene Dendrimers: Synthesis, Characterization, and Energy Transfer Studies. Chemistry - A European Journal, 2011, 17, 8929-8940.	3.3	23
9	Nanostructured Interpenetrating Polymer Network (IPN) Precursor Ultrathin Films. Macromolecular Chemistry and Physics, 2011, 212, 1039-1049.	2.2	4