

# Gregory E Lecroy

## List of Publications by Year in descending order

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15  
papers

898  
citations

759233

12  
h-index

996975

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

1491  
citing authors

#	ARTICLE	IF	CITATIONS
1	Systematic Comparison of Carbon Dots from Different Preparations—Consistent Optical Properties and Photoinduced Redox Characteristics in Visible Spectrum and Structural and Mechanistic Implications. <i>Journal of Physical Chemistry C</i> , 2018, 122, 21667-21676.	3.1	34
2	Carbon—TiO <sub>2</sub> hybrid dots in different configurations — optical properties, redox characteristics, and mechanistic implications. <i>New Journal of Chemistry</i> , 2018, 42, 10798-10806.	2.8	10
3	Zero-Dimensional Carbon Allotropes—Carbon Nanoparticles Versus Fullerenes in Functionalization by Electronic Polymers for Different Optical and Redox Properties. <i>ACS Omega</i> , 2018, 3, 5685-5691.	3.5	18
4	Host—guest carbon dots as high-performance fluorescence probes. <i>Journal of Materials Chemistry C</i> , 2017, 5, 6328-6335.	5.5	28
5	Visible-Light-Activated Bactericidal Functions of Carbon —Quantum—Dots. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 10761-10766.	8.0	206
6	Functionalization of Carbon Nanoparticles and Defunctionalization—Toward Structural and Mechanistic Elucidation of Carbon —Quantum—Dots. <i>Journal of Physical Chemistry C</i> , 2016, 120, 25604-25611.	3.1	60
7	Photoexcited state properties of carbon dots from thermally induced functionalization of carbon nanoparticles. <i>Journal of Materials Chemistry C</i> , 2016, 4, 10554-10561.	5.5	37
8	Enhanced fluorescence properties of carbon dots in polymer films. <i>Journal of Materials Chemistry C</i> , 2016, 4, 6967-6974.	5.5	74
9	Functionalized carbon nanoparticles: Syntheses and applications in optical bioimaging and energy conversion. <i>Coordination Chemistry Reviews</i> , 2016, 320-321, 66-81.	18.8	122
10	Host-Guest Carbon Dots for Enhanced Optical Properties and Beyond. <i>Scientific Reports</i> , 2015, 5, 12354.	3.3	42
11	Fluorescent carbon —quantum—™ dots from thermochemical functionalization of carbon nanoparticles. <i>Chemical Physics Letters</i> , 2015, 639, 109-113.	2.6	10
12	Carbon —Quantum—Dots for Fluorescence Labeling of Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 19439-19445.	8.0	149
13	Carbon nanotube-assisted capturing of bacterial pathogens. <i>RSC Advances</i> , 2015, 5, 91246-91253.	3.6	4
14	Electroluminescence of carbon —quantum—™ dots — From materials to devices. <i>Chemical Physics Letters</i> , 2014, 613, 40-44.	2.6	27
15	Polymer/carbon nanocomposites for enhanced thermal transport properties — carbon nanotubes versus graphene sheets as nanoscale fillers. <i>Journal of Materials Chemistry</i> , 2012, 22, 17133.	6.7	77