

# Regina Sinelnikov

## List of Publications by Year in descending order

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15  
papers

387  
citations

759233

12  
h-index

996975

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

518  
citing authors

#	ARTICLE	IF	CITATIONS
1	The influence of surface functionalization methods on the performance of silicon nanocrystal LEDs. <i>Nanoscale</i> , 2018, 10, 10337-10342.	5.6	24
2	Mixed Surface Chemistry: An Approach to Highly Luminescent Biocompatible Amphiphilic Silicon Nanocrystals. <i>Chemistry of Materials</i> , 2018, 30, 8925-8931.	6.7	18
3	Interfacing enzymes with silicon nanocrystals through the thiol-ene reaction. <i>Nanoscale</i> , 2018, 10, 18706-18719.	5.6	18
4	Functional Bioinorganic Hybrids from Enzymes and Luminescent Silicon-Based Nanoparticles. <i>Langmuir</i> , 2018, 34, 6556-6569.	3.5	16
5	The influence of conjugated alkynyl(aryl) surface groups on the optical properties of silicon nanocrystals: photoluminescence through in-gap states. <i>Nanotechnology</i> , 2018, 29, 355705.	2.6	7
6	Synthesis and Surface Functionalization of Hydride-Terminated Ge Nanocrystals Obtained from the Thermal Treatment of Ge(OH) <sub>2</sub> . <i>Langmuir</i> , 2017, 33, 8757-8765.	3.5	15
7	Revisiting an Ongoing Debate: What Role Do Surface Groups Play in Silicon Nanocrystal Photoluminescence?. <i>ACS Photonics</i> , 2017, 4, 1920-1929.	6.6	56
8	From Hydrogen Silsesquioxane to Functionalized Silicon Nanocrystals. <i>Chemistry of Materials</i> , 2017, 29, 80-89.	6.7	60
9	Phosphorus Pentachloride Initiated Functionalization of Silicon Nanocrystals. <i>Langmuir</i> , 2017, 33, 8766-8773.	3.5	34
10	Grafting Poly(3-hexylthiophene) from Silicon Nanocrystal Surfaces: Synthesis and Properties of a Functional Hybrid Material with Direct Interfacial Contact. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 7393-7397.	13.8	12
11	Synthesis and Properties of Luminescent Silicon Nanocrystal/Silica Aerogel Hybrid Materials. <i>Chemistry of Materials</i> , 2016, 28, 3877-3886.	6.7	31
12	Grafting Poly(3-hexylthiophene) from Silicon Nanocrystal Surfaces: Synthesis and Properties of a Functional Hybrid Material with Direct Interfacial Contact. <i>Angewandte Chemie</i> , 2016, 128, 7519-7523.	2.0	3
13	Photoluminescence through in-gap states in phenylacetylene functionalized silicon nanocrystals. <i>Nanoscale</i> , 2016, 8, 7849-7853.	5.6	30
14	Detection of nitroaromatics in the solid, solution, and vapor phases using silicon quantum dot sensors. <i>Nanotechnology</i> , 2016, 27, 105501.	2.6	41
15	Functionalization of Hydride-Terminated Photoluminescent Silicon Nanocrystals with Organolithium Reagents. <i>Chemistry - A European Journal</i> , 2015, 21, 2755-2758.	3.3	22