

# Alyxandra N Thiessen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2384009/publications.pdf>

Version: 2024-02-01

10  
papers

183  
citations

1478505

6  
h-index

1372567

10  
g-index

20  
all docs

20  
docs citations

20  
times ranked

266  
citing authors

#	ARTICLE	IF	CITATIONS
1	“Turning the dials”: controlling synthesis, structure, composition, and surface chemistry to tailor silicon nanoparticle properties. <i>Nanoscale</i> , 2021, 13, 16379-16404.	5.6	11
2	Synthesis, Properties, and Derivatization of Poly(dihydrogermane): A Germanium-Based Polyethylene Analogue. <i>ACS Nano</i> , 2021, 15, 9368-9378.	14.6	6
3	A Tale of Seemingly “Identical” Silicon Quantum Dot Families: Structural Insight into Silicon Quantum Dot Photoluminescence. <i>Chemistry of Materials</i> , 2020, 32, 6838-6846.	6.7	22
4	Dehydrocoupling “ an alternative approach to functionalizing germanium nanoparticle surfaces. <i>Nanoscale</i> , 2020, 12, 6271-6278.	5.6	2
5	Thermally Induced Dehydrogenative Coupling of Organosilanes and H-Terminated Silicon Quantum Dots onto Germanane Surfaces. <i>Chemistry of Materials</i> , 2020, 32, 4536-4543.	6.7	8
6	Endogenous dynamic nuclear polarization NMR of hydride-terminated silicon nanoparticles. <i>Solid State Nuclear Magnetic Resonance</i> , 2019, 100, 77-84.	2.3	18
7	Silicon Nanoparticles: Are They Crystalline from the Core to the Surface?. <i>Chemistry of Materials</i> , 2019, 31, 678-688.	6.7	49
8	Lewis Acid Protection: A Method Toward Synthesizing Phase Transferable Luminescent Silicon Nanocrystals. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2018, 215, 1700620.	1.8	2
9	Assessment of the sensitivity of DQF/ZQF <sup>2</sup> H NMR of D <sub>2</sub> O for studying modified nafion membranes at 20 °C and 80 °C. <i>Solid State Nuclear Magnetic Resonance</i> , 2018, 93, 1-6.	2.3	4
10	From Hydrogen Silsesquioxane to Functionalized Silicon Nanocrystals. <i>Chemistry of Materials</i> , 2017, 29, 80-89.	6.7	60