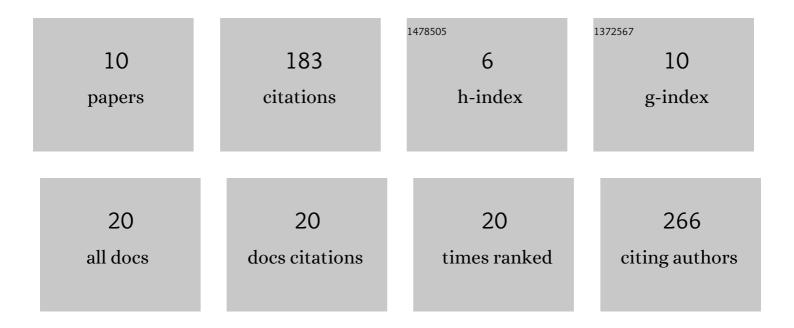
## Alyxandra N Thiessen

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2384009/publications.pdf Version: 2024-02-01



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