

# Sean W Depner

## List of Publications by Year in descending order

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Version: 2024-02-01

13  
papers

347  
citations

1040056

9  
h-index

1281871

11  
g-index

13  
all docs

13  
docs citations

13  
times ranked

719  
citing authors

#	ARTICLE	IF	CITATIONS
1	The effects of monovalent and divalent cations on the stability of silver nanoparticles formed from direct reduction of silver ions by Suwannee River humic acid/natural organic matter. <i>Science of the Total Environment</i> , 2012, 441, 277-289.	8.0	85
2	Real-time atomistic observation of structural phase transformations in individual hafnia nanorods. <i>Nature Communications</i> , 2017, 8, 15316.	12.8	59
3	Inside and Outside: X-ray Absorption Spectroscopy Mapping of Chemical Domains in Graphene Oxide. <i>Journal of Physical Chemistry Letters</i> , 2013, 4, 3144-3151.	4.6	48
4	Ferroelastic Domain Organization and Precursor Control of Size in Solution-Grown Hafnium Dioxide Nanorods. <i>ACS Nano</i> , 2014, 8, 4678-4688.	14.6	29
5	Stabilizing metastable tetragonal HfO <sub>2</sub> using a non-hydrolytic solution-phase route: ligand exchange as a means of controlling particle size. <i>Chemical Science</i> , 2016, 7, 4930-4939.	7.4	29
6	Nonhydrolytic Synthesis and Electronic Structure of Ligand-Capped CeO <sub>2</sub> and CeOCl Nanocrystals. <i>Journal of Physical Chemistry C</i> , 2009, 113, 14126-14134.	3.1	28
7	Transport and deposition of Suwannee River Humic Acid/Natural Organic Matter formed silver nanoparticles on silica matrices: The influence of solution pH and ionic strength. <i>Chemosphere</i> , 2013, 92, 406-412.	8.2	26
8	Precursor control of crystal structure and stoichiometry in twin metal oxide nanocrystals. <i>CrystEngComm</i> , 2009, 11, 841.	2.6	17
9	Elucidating the Crystallite Size Dependence of the Thermochromic Properties of Nanocomposite VO <sub>2</sub> Thin Films. <i>ACS Omega</i> , 2018, 3, 14280-14293.	3.5	14
10	Partitioning behavior and stabilization of hydrophobically coated HfO <sub>2</sub> , ZrO <sub>2</sub> and Hf <sub>x</sub> Zr <sub>1-x</sub> O <sub>2</sub> nanoparticles with natural organic matter reveal differences dependent on crystal structure. <i>Journal of Hazardous Materials</i> , 2011, 196, 302-310.	12.4	9
11	Microwave-induced nucleation of conducting graphitic domains on silicon carbide surfaces. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2014, 32, 011215.	1.2	3
12	Ferroelastic Domain Organization in Solution-Grown HfO <sub>2</sub> Nanorods. <i>Microscopy and Microanalysis</i> , 2014, 20, 1970-1971.	0.4	0
13	Direct Observation of Hafnia Structural Phase Transformations. <i>Microscopy and Microanalysis</i> , 2017, 23, 2092-2093.	0.4	0