

# Robert W Johns

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11791471/publications.pdf>

Version: 2024-02-01

9  
papers

1,192  
citations

1163117

8  
h-index

1474206

9  
g-index

9  
all docs

9  
docs citations

9  
times ranked

1880  
citing authors

#	ARTICLE	IF	CITATIONS
1	Localized Surface Plasmon Resonance in Semiconductor Nanocrystals. <i>Chemical Reviews</i> , 2018, 118, 3121-3207.	47.7	656
2	Control of Localized Surface Plasmon Resonances in Metal Oxide Nanocrystals. <i>Annual Review of Materials Research</i> , 2017, 47, 1-31.	9.3	163
3	Defect Engineering in Plasmonic Metal Oxide Nanocrystals. <i>Nano Letters</i> , 2016, 16, 3390-3398.	9.1	122
4	Resonant Coupling between Molecular Vibrations and Localized Surface Plasmon Resonance of Faceted Metal Oxide Nanocrystals. <i>Nano Letters</i> , 2017, 17, 2611-2620.	9.1	94
5	Direct observation of narrow mid-infrared plasmon linewidths of single metal oxide nanocrystals. <i>Nature Communications</i> , 2016, 7, 11583.	12.8	78
6	Theoretical Characterization of Conduction-Band Electrons in Photodoped and Aluminum-Doped Zinc Oxide (AZO) Quantum Dots. <i>Journal of Physical Chemistry C</i> , 2014, 118, 26584-26590.	3.1	31
7	Intrinsic Optical and Electronic Properties from Quantitative Analysis of Plasmonic Semiconductor Nanocrystal Ensemble Optical Extinction. <i>Journal of Physical Chemistry C</i> , 2020, 124, 24351-24360.	3.1	22
8	Charge carrier concentration dependence of ultrafast plasmonic relaxation in conducting metal oxide nanocrystals. <i>Journal of Materials Chemistry C</i> , 2017, 5, 5757-5763.	5.5	20
9	SITS Derivatization of Peptides to Enhance 266Ånm Ultraviolet Photodissociation (UVPD). <i>Journal of the American Society for Mass Spectrometry</i> , 2017, 28, 1462-1472.	2.8	6