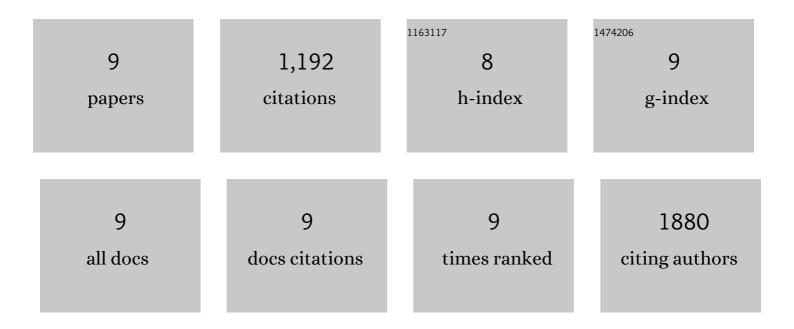
Robert W Johns

List of Publications by Year in descending order

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