

Jessica A Carr

List of Publications by Year in descending order

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9
papers

1,457
citations

1307594

7
h-index

1474206

9
g-index

11
all docs

11
docs citations

11
times ranked

2257
citing authors

#	ARTICLE	IF	CITATIONS
1	Shortwave infrared fluorescence imaging with the clinically approved near-infrared dye indocyanine green. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 4465-4470.	7.1	498
2	Next-generation in vivo optical imaging with short-wave infrared quantum dots. Nature Biomedical Engineering, 2017, 1, .	22.5	490
3	Continuous injection synthesis of indium arsenide quantum dots emissive in the short-wavelength infrared. Nature Communications, 2016, 7, 12749.	12.8	209
4	Absorption by water increases fluorescence image contrast of biological tissue in the shortwave infrared. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 9080-9085.	7.1	89
5	PbS Nanocrystal Emission Is Governed by Multiple Emissive States. Nano Letters, 2016, 16, 6070-6077.	9.1	71
6	Using the shortwave infrared to image middle ear pathologies. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 9989-9994.	7.1	44
7	Non-invasive monitoring of chronic liver disease via near-infrared and shortwave-infrared imaging of endogenous lipofuscin. Nature Biomedical Engineering, 2020, 4, 801-813.	22.5	34
8	Initial findings of shortwave infrared otoscopy in a pediatric population. International Journal of Pediatric Otorhinolaryngology, 2018, 114, 15-19.	1.0	8
9	Monodisperse and Water-Soluble Quantum Dots for SWIR Imaging via Carboxylic Acid Copolymer Ligands. ACS Applied Materials & Interfaces, 2020, 12, 35845-35855.	8.0	5