

Jessica A Carr

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

10
papers

990
citations

7
h-index

11
g-index

11
ext. papers

1,226
ext. citations

12.2
avg, IF

3.87
L-index

#	Paper	IF	Citations
10	Non-invasive monitoring of chronic liver disease via near-infrared and shortwave-infrared imaging of endogenous lipofuscin. <i>Nature Biomedical Engineering</i> , 2020 , 4, 801-813	19	14
9	Monodisperse and Water-Soluble Quantum Dots for SWIR Imaging via Carboxylic Acid Copolymer Ligands. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 35845-35855	9.5	5
8	Shortwave infrared fluorescence imaging with the clinically approved near-infrared dye indocyanine green. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 4465-4470	11.5	317
7	Initial findings of shortwave infrared otoscopy in a pediatric population. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2018 , 114, 15-19	1.7	5
6	Absorption by water increases fluorescence image contrast of biological tissue in the shortwave infrared. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 9080-9085	11.5	48
5	Next-generation optical imaging with short-wave infrared quantum dots. <i>Nature Biomedical Engineering</i> , 2017 , 1,	19	360
4	Using the shortwave infrared to image middle ear pathologies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 9989-94	11.5	24
3	PbS Nanocrystal Emission Is Governed by Multiple Emissive States. <i>Nano Letters</i> , 2016 , 16, 6070-6077	11.5	54
2	Continuous injection synthesis of indium arsenide quantum dots emissive in the short-wavelength infrared. <i>Nature Communications</i> , 2016 , 7, 12749	17.4	156
1	Shortwave Infrared Fluorescence Imaging with the Clinically Approved Near-Infrared Dye Indocyanine Green		7