

# Isla Barnard

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6888441/publications.pdf>

Version: 2024-02-01

9  
papers

300  
citations

1684188

5  
h-index

1474206

9  
g-index

9  
all docs

9  
docs citations

9  
times ranked

241  
citing authors

#	ARTICLE	IF	CITATIONS
1	Depth Penetration of Light into Skin as a Function of Wavelength from 200 to 1000 nm. Photochemistry and Photobiology, 2022, 98, 974-981.	2.5	88
2	Monitoring contractility in cardiac tissue with cellular resolution using biointegrated microlasers. Nature Photonics, 2020, 14, 452-458.	31.4	77
3	Further evidence that farâ€UVC for disinfection is unlikely to cause erythema or preâ€mutagenic DNA lesions in skin. Photodermatology Photoimmunology and Photomedicine, 2020, 36, 476-477.	1.5	48
4	Extreme Exposure to Filtered Farâ€UVC: A Case Study<sup>â€</sup>. Photochemistry and Photobiology, 2021, 97, 527-531.	2.5	45
5	Quantifying Direct <scp>DNA</scp> Damage in the Basal Layer of Skin Exposed to <scp>UV</scp> Radiation from Sunbeds. Photochemistry and Photobiology, 2018, 94, 1017-1025.	2.5	23
6	Computer Modeling Indicates Dramatically Less DNA Damage from Farâ€UVC Krypton Chloride Lamps (222) Tj ETQq0 0 0 rgBT /Overloc	2.5	7
7	Development of a Predictive Monte Carlo Radiative Transfer Model for Ablative Fractional Skin Lasers. Lasers in Surgery and Medicine, 2021, 53, 731-740.	2.1	6
8	Could psoralen plus ultraviolet A1 (â€~ <scp>PUVA</scp> 1â€™™) work? Depth penetration achieved by phototherapy lamps. British Journal of Dermatology, 2020, 182, 813-814.	1.5	4
9	Imaging in thick samples, a phased Monte Carlo radiation transfer algorithm. Journal of Biomedical Optics, 2021, 26, .	2.6	2