Kenneth Wood

List of Publications by Year
in descending order

21 papers	1,001 citations	840776 11 h-index	752698 20 g-index
21 all docs	21 docs citations	21 times ranked	985 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	Turn Up the Lights, Leave them On and Shine them All Aroundâ€"Numerical Simulations Point the Way to more Efficient Use of Farâ€UVC Lights for the Inactivation of Airborne Coronavirus. Photochemistry and Photobiology, 2022, 98, 471-483.	2.5	5
3	Far-UVC (222Ânm) efficiently inactivates an airborne pathogen in a room-sized chamber. Scientific Reports, 2022, 12, 4373.	3.3	61
4	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
5	Extreme Exposure to Filtered Farâ€UVC: A Case Study^{â€}. Photochemistry and Photobiology, 2021, 97, 527-531.	2.5	45
6	Air Disinfection with Germicidal Ultraviolet: For this Pandemic and the Next. Photochemistry and Photobiology, 2021, 97, 464-465.	2.5	6
7	Computer Modeling Indicates Dramatically Less DNA Damage from Farâ€UVC Krypton Chloride Lamps (222) Tj ETQq1 1 0.784314 rgBT	2.5	7
8	Imaging in thick samples, a phased Monte Carlo radiation transfer algorithm. Journal of Biomedical Optics, 2021, 26, .	2.6	2
9	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
10	Photoionization feedback in turbulent molecular clouds. Monthly Notices of the Royal Astronomical Society, 2020, 500, 1833-1843.	4.4	5
11	Exoplanetary Monte Carlo radiative transfer with correlated-k â€" I. Benchmarking transit and emission observables. Monthly Notices of the Royal Astronomical Society, 2019, 487, 2082-2096.	4.4	21
12	Radiation hydrodynamics simulations of the evolution of the diffuse ionized gas in disc galaxies. Monthly Notices of the Royal Astronomical Society, 2019, 488, 1977-1986.	4.4	8
13	Radiative transfer calculations of the diffuse ionized gas in disc galaxies with cosmic ray feedback. Monthly Notices of the Royal Astronomical Society, 2018, 476, 4032-4044.	4.4	16
14	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
15	A quantitative study of in vivo protoporphyrin IX fluorescence build up during occlusive treatment phases. Photodiagnosis and Photodynamic Therapy, 2017, 18, 204-207.	2.6	6
16	The 3-dimensional structure of NGC 891 and M51. Proceedings of the International Astronomical Union, 2011, 7, 104-106.	0.0	0
17	The standard model of low-mass star formation applied to massive stars: multiwavelength modelling of IRASâ€ƒ20126+4104. Monthly Notices of the Royal Astronomical Society, 2011, 415, 2953-2968.	4.4	17
18	2-D and 3-D radiation transfer models of high-mass star formation. Proceedings of the International Astronomical Union, 2005, 1, 206-215.	0.0	3

#	Article	IF	Citations
19	Constraints on a planetary origin for the gap in the protoplanetary disc of GM Aurigae. Monthly Notices of the Royal Astronomical Society, 2003, 342, 79-85.	4.4	157
20	Twoâ€dimensional Radiative Transfer in Protostellar Envelopes. I. Effects of Geometry on Class I Sources. Astrophysical Journal, 2003, 591, 1049-1063.	4.5	388
21	A Model for the Scattered Light Contribution and Polarization of the Diffuse HÎ± Galactic Background. Astrophysical Journal, 1999, 525, 799-807.	4.5	89