

Kenneth Wood

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1105757/publications.pdf>

Version: 2024-02-01

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	Two-dimensional Radiative Transfer in Protostellar Envelopes. I. Effects of Geometry on Class I Sources. <i>Astrophysical Journal</i> , 2003, 591, 1049-1063.	4.5	388
2	Constraints on a planetary origin for the gap in the protoplanetary disc of GM Aurigae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003, 342, 79-85.	4.4	157
3	A Model for the Scattered Light Contribution and Polarization of the Diffuse H \pm Galactic Background. <i>Astrophysical Journal</i> , 1999, 525, 799-807.	4.5	89
4	Depth Penetration of Light into Skin as a Function of Wavelength from 200 to 1000 nm. <i>Photochemistry and Photobiology</i> , 2022, 98, 974-981.	2.5	88
5	Far-UVC (222Ånm) efficiently inactivates an airborne pathogen in a room-sized chamber. <i>Scientific Reports</i> , 2022, 12, 4373.	3.3	61
6	Further evidence that far-UVC for disinfection is unlikely to cause erythema or pre-mutagenic DNA lesions in skin. <i>Photodermatology Photoimmunology and Photomedicine</i> , 2020, 36, 476-477.	1.5	48
7	Extreme Exposure to Filtered Far-UVC: A Case Study. <i>Photochemistry and Photobiology</i> , 2021, 97, 527-531.	2.5	45
8	Quantifying Direct DNA Damage in the Basal Layer of Skin Exposed to UV Radiation from Sunbeds. <i>Photochemistry and Photobiology</i> , 2018, 94, 1017-1025.	2.5	23
9	Exoplanetary Monte Carlo radiative transfer with correlated- k . I. Benchmarking transit and emission observables. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 2082-2096.	4.4	21
10	The standard model of low-mass star formation applied to massive stars: multiwavelength modelling of IRAS f20126+4104. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 415, 2953-2968.	4.4	17
11	Radiative transfer calculations of the diffuse ionized gas in disc galaxies with cosmic ray feedback. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 4032-4044.	4.4	16
12	Radiation hydrodynamics simulations of the evolution of the diffuse ionized gas in disc galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 1977-1986.	4.4	8
13	Computer Modeling Indicates Dramatically Less DNA Damage from Far-UVC Krypton Chloride Lamps (222) Tj ETO ₀₁ 1 0.784314 rgB	2.5	7
14	A quantitative study of in vivo protoporphyrin IX fluorescence build up during occlusive treatment phases. <i>Photodiagnosis and Photodynamic Therapy</i> , 2017, 18, 204-207.	2.6	6
15	Development of a Predictive Monte Carlo Radiative Transfer Model for Ablative Fractional Skin Lasers. <i>Lasers in Surgery and Medicine</i> , 2021, 53, 731-740.	2.1	6
16	Air Disinfection with Germicidal Ultraviolet: For this Pandemic and the Next. <i>Photochemistry and Photobiology</i> , 2021, 97, 464-465.	2.5	6
17	Photoionization feedback in turbulent molecular clouds. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 1833-1843.	4.4	5
18	Turn Up the Lights, Leave them On and Shine them All Around—Numerical Simulations Point the Way to more Efficient Use of Far-UVC Lights for the Inactivation of Airborne Coronavirus. <i>Photochemistry and Photobiology</i> , 2022, 98, 471-483.	2.5	5

#	ARTICLE	IF	CITATIONS
19	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
20	Imaging in thick samples, a phased Monte Carlo radiation transfer algorithm. Journal of Biomedical Optics, 2021, 26, .	2.6	2
21	The 3-dimensional structure of NGC 891 and M51. Proceedings of the International Astronomical Union, 2011, 7, 104-106.	0.0	0