

# František Kundera

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9595827/publications.pdf>

Version: 2024-02-01

19  
papers

209  
citations

1040056

9  
h-index

1058476

14  
g-index

19  
all docs

19  
docs citations

19  
times ranked

183  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nighttime Atmospheric Scattering Phase Function Derived From the Scattered Light of a Laser Beam. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	2
2	The proliferation of space objects is a rapidly increasing source of artificial night sky brightness. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2021, 504, L40-L44.	3.3	27
3	Using ground-based measurements to recover the spectra of radiation escaping from distant light-pollution sources. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 2739-2745.	4.4	5
4	Electromagnetic resonances observed in small, charged particles. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2021, 272, 107798.	2.3	3
5	The Nature, Amplitude and Control of Microwave Attenuation in the Atmosphere. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2021JD034978.	3.3	6
6	SkyGlow Model Successfully Applied to the Evaluation of the Light Pollution over Tucson, U.S.. , 2018, , .		0
7	Modeling the night sky brightness distribution via new SkyGlow Simulator. , 2016, , .		6
8	Optical resonances in electrically charged particles and their relation to the Drude model. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2016, 178, 224-229.	2.3	12
9	Charge-induced electromagnetic resonances in nanoparticles. <i>Annalen Der Physik</i> , 2015, 527, 765-769.	2.4	26
10	Optical signatures of electrically charged particles: Fundamental problems and solutions. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2015, 164, 45-53.	2.3	25
11	A microcontroller-based system for automated and continuous sky glow measurements with the use of digital single-lens reflex cameras. <i>Lighting Research and Technology</i> , 2014, 46, 20-30.	2.7	9
12	Effect of crystallographic structure on electrical and mechanical characteristics of Sm <sub>2</sub> O <sub>3</sub> -Doped CeO <sub>2</sub> films. <i>Russian Journal of Electrochemistry</i> , 2011, 47, 505-516.	0.9	5
13	Tubular Light Guides: Estimation of Indoor Illuminance Levels. <i>LEUKOS - Journal of Illuminating Engineering Society of North America</i> , 2010, 6, 241-252.	2.9	4
14	Relationship between effective ionic radii, structure and electro-mechanical properties of zirconia stabilized with rare earth oxides M <sub>2</sub> O <sub>3</sub> (M=Åyb, Y, Sm). <i>Journal of Materials Science</i> , 2009, 44, 234-243.	3.7	11
15	Structure and electrical conductivity of multicomponent metal oxides having scheelite structure. <i>Russian Journal of Electrochemistry</i> , 2009, 45, 621-629.	0.9	23
16	Optical properties of single mixed-phase aerosol particles. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2008, 109, 2108-2123.	2.3	25
17	Characterization of yttria-doped ceria prepared by directional crystallization. <i>Journal of Materials Science</i> , 2005, 40, 5679-5683.	3.7	14
18	Thin Film Electrolytes: Yttria Stabilized Zirconia and Ceria. <i>Russian Journal of Electrochemistry</i> , 2003, 39, 478-486.	0.9	4

#	ARTICLE	IF	CITATIONS
19	The imperfection of electrical contact in thin film. Ionics, 2001, 7, 224-228.	2.4	2