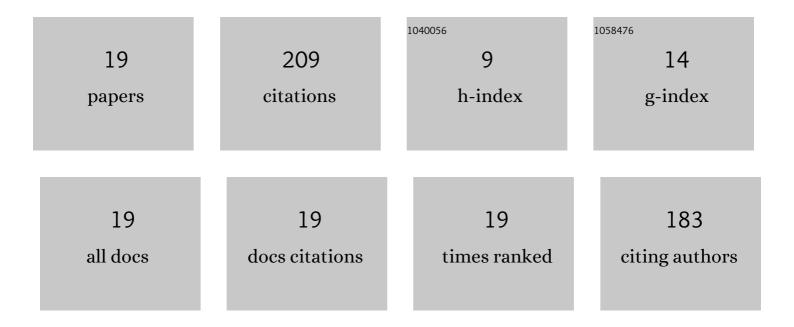
FrantiÅjek Kundracik

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Nighttime Atmospheric Scattering Phase Function Derived From the Scattered Light of a Laser Beam. Geophysical Research Letters, 2022, 49, .	4.0	2
2	The proliferation of space objects is a rapidly increasing source of artificial night sky brightness. Monthly Notices of the Royal Astronomical Society: Letters, 2021, 504, L40-L44.	3.3	27
3	Using ground-based measurements to recover the spectra of radiation escaping from distant light-pollution sources. Monthly Notices of the Royal Astronomical Society, 2021, 506, 2739-2745.	4.4	5
4	Electromagnetic resonances observed in small, charged particles. Journal of Quantitative Spectroscopy and Radiative Transfer, 2021, 272, 107798.	2.3	3
5	The Nature, Amplitude and Control of Microwave Attenuation in the Atmosphere. Journal of Geophysical Research D: Atmospheres, 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. Journal of Quantitative Spectroscopy and Radiative Transfer, 2016, 178, 224-229.	2.3	12
9	Chargeâ€induced electromagnetic resonances in nanoparticles. Annalen Der Physik, 2015, 527, 765-769.	2.4	26
10	Optical signatures of electrically charged particles: Fundamental problems and solutions. Journal of Quantitative Spectroscopy and Radiative Transfer, 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. Lighting Research and Technology, 2014, 46, 20-30.	2.7	9
12	Effect of crystallographic structure on electrical and mechanical characteristics of Sm2O3-Doped CeO2 films. Russian Journal of Electrochemistry, 2011, 47, 505-516.	0.9	5
13	Tubular Light Guides: Estimation of Indoor Illuminance Levels. LEUKOS - Journal of Illuminating Engineering Society of North America, 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 M2O3 (MÂ=ÂYb, Y, Sm). Journal of Materials Science, 2009, 44, 234-243.	3.7	11
15	Structure and electrical conductivity of multicomponent metal oxides having scheelite structure. Russian Journal of Electrochemistry, 2009, 45, 621-629.	0.9	23
16	Optical properties of single mixed-phase aerosol particles. Journal of Quantitative Spectroscopy and Radiative Transfer, 2008, 109, 2108-2123.	2.3	25
17	Characterization of yttria-doped ceria prepared by directional crystallization. Journal of Materials Science, 2005, 40, 5679-5683.	3.7	14
18	Thin Film Electrolytes: Yttria Stabilized Zirconia and Ceria. Russian Journal of Electrochemistry, 2003, 39, 478-486.	0.9	4

#	Article	IF	CITATIONS
19	The imperfection of electrical contact — Thin film. Ionics, 2001, 7, 224-228.	2.4	2