

# Konstantin G Kudrin

## List of Publications by Year in descending order

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24  
papers

247  
citations

1478280

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h-index

940416

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docs citations

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times ranked

284  
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>In vivo</i> terahertz spectroscopy of pigmented skin nevi: Pilot study of non-invasive early diagnosis of dysplasia. Applied Physics Letters, 2015, 106, .	1.5	112
2	Terahertz spectroscopy of pigmented skin nevi in vivo. Optics and Spectroscopy (English Translation) Tj ETQq0 0 0 rgBT /Overlock 10 Tt	0.2	27
3	Medical diagnostics using terahertz pulsed spectroscopy. Journal of Physics: Conference Series, 2014, 486, 012014.	0.3	24
4	<i>In vivo</i> terahertz pulsed spectroscopy of dysplastic and non-dysplastic skin nevi. Journal of Physics: Conference Series, 2016, 735, 012076.	0.3	15
5	<i>In vivo</i> spectroscopy of healthy skin and pathology in terahertz frequency range. Journal of Physics: Conference Series, 2015, 584, 012023.	0.3	12
6	Monte Carlo simulation of optical coherence tomography signal of the skin nevus. Journal of Physics: Conference Series, 2016, 673, 012014.	0.3	7
7	Experimental Biointegration of a Titanium Implant in Delayed Mandibular Reconstruction. Journal of Personalized Medicine, 2020, 10, 6.	1.1	7
8	Femtosecond thulium-doped fiber-ring laser for mid-IR spectroscopic breath analysis. , 2019, , .		7
9	Wavelet-domain de-noising technique for THz pulsed spectroscopy. , 2014, , .		6
10	Automated screening of pigmented skin neoplasms. Journal of Physics: Conference Series, 2015, 584, 012001.	0.3	5
11	Differentiation of Pigmented Skin Lesions Based on Digital Processing of Optical Images. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2019, 126, 503-513.	0.2	5
12	Development of software for the express diagnostics of skin pigmented lesions based on the analysis of clinical images. AIP Conference Proceedings, 2019, , .	0.3	5
13	A Comparison of Terahertz Pulsed Spectroscopy and Backward-Wave Oscillator Spectroscopy. Journal of Physics: Conference Series, 2014, 536, 012009.	0.3	3
14	Wavelet-domain de-noising of optical coherent tomography data for biomedical applications. Journal of Physics: Conference Series, 2015, 584, 012013.	0.3	3
15	Numerical simulation of terahertz-wave propagation in photonic crystal waveguide based on sapphire shaped crystal. Journal of Physics: Conference Series, 2016, 673, 012001.	0.3	3
16	Principle component analysis and linear discriminant analysis of multi-spectral autofluorescence imaging data for differentiating basal cell carcinoma and healthy skin. , 2016, , .		2
17	The effect of thermal treatment on the properties of SLM samples with a bionic design. E3S Web of Conferences, 2019, 104, 01010.	0.2	2
18	1110 Terahertz spectroscopy: Pilot study of non-invasive early diagnosis of dysplasia and melanoma. European Journal of Cancer, 2015, 51, S167.	1.3	1

#	ARTICLE	IF	CITATIONS
19	Measuring errors of parameters of size, shape and color during automated screening of skin pigmented neoplasms.. Journal of Radio Electronics, 2020, 2020, .	0.0	1
20	Hyper-spectral modulation fluorescent imaging using double acousto-optical tunable filter based on TeO <sub>2</sub> -crystals. Journal of Physics: Conference Series, 2015, 584, 012017.	0.3	0
21	Studying the modes of automated destruction of malignant tumors using laser radiation. Journal of Physics: Conference Series, 2016, 672, 012019.	0.3	0
22	Multi-spectral endogenous fluorescence imaging for bacterial differentiation. , 2017, , .		0
23	TECHNOLOGICAL SUPPLY OF ADDITIVE TECHNOLOGIES FOR FACE SKELETON RECONSTRUCTION. Russian Electronic Journal of Radiology, 2017, 7, 140-153.	0.1	0
24	THE USE OF THE PROPELLER FLAP FOR COVERING SKIN DEFECT AFTER AXILLARY LYMPHADENECTOMY FOR BREAST CANCER. Siberian Journal of Oncology, 2021, 20, 41-48.	0.1	0