

# Halyna D Koval

## List of Publications by Year in descending order

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20  
papers

179  
citations

1163117

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1199594

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g-index

20  
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20  
docs citations

20  
times ranked

129  
citing authors

#	ARTICLE	IF	CITATIONS
1	Melatonin decreases and cytokines increase in women with placental insufficiency. Journal of Maternal-Fetal and Neonatal Medicine, 2021, 34, 373-378.	1.5	18
2	Salmonella-Induced Changes in Immunoregulatory Bacteria and the Impact on Transcriptional Activity of the Foxp3 and Ror $\gamma$ t genes in Rat GALT. Journal of Allergy and Clinical Immunology, 2020, 145, AB121.	2.9	0
3	Salmonella-induced changes in the level of key immunoregulatory bacteria affect the transcriptional activity of the Foxp3 and ROR $\gamma$ t genes in the gut-associated lymphoid tissue of rats. Russian Journal of Infection and Immunity, 2020, 10, 671-685.	0.7	0
4	Expression and Significance of Matrix Metalloproteinase-2 and Matrix Metalloproteinase-9 in Endometriosis. Journal of Medicine and Life, 2020, 13, 314-320.	1.3	18
5	ANALYSIS OF CYTOARCHITECTONICS OF TLR2 AND TLR4 LYMPHOCYTES AND TRANSCRIPTIONAL ACTIVITY OF THE GENES Gp2, Spi-B, Nf- $\kappa$ B1, NREL, TNF $\alpha$ AND TNFr IN GALT OF RATS IN EXPERIMENTAL DIABETES MELLITUS AND AFTER PENTOXIFYLLINE ADMINISTRATION. Medical Immunology (Russia), 2019, 21, 821-834.	0.4	2
6	Transcription regulatory factor expression in T-helper cell differentiation pathway in eutopic endometrial tissue samples of women with endometriosis associated with infertility. Central-European Journal of Immunology, 2018, 43, 90-96.	1.2	22
7	3D Mueller-matrix mapping of biological optically anisotropic networks. , 2018, , .		0
8	Mueller-matrix of laser-induced autofluorescence of polycrystalline films of dried peritoneal fluid in diagnostics of endometriosis. Journal of Biomedical Optics, 2016, 21, 071116.	2.6	36
9	Laser polarization-variable autofluorescence of the network of optically anisotropic biological tissues: Diagnostics and differentiation of early stages of cancer of cervix uteri. Journal of Innovative Optical Health Sciences, 2014, 07, 1450024.	1.0	9
10	Mueller-matrix mapping of optically anisotropic fluorophores of biological tissues in the diagnosis of cancer. Quantum Electronics, 2014, 44, 785-790.	1.0	15
11	Laser system of the autofluorescence polarimetry of cytological layers at an early stage of cancer detection. , 2014, , .		0
12	The singular approach for processing polarization-inhomogeneous laser images of blood plasma layers. Journal of Optics (United Kingdom), 2013, 15, 044030.	2.2	24
13	Laser polarization fluorescence of the networks of optically anisotropic biological crystals. Proceedings of SPIE, 2013, , .	0.8	3
14	Mueller-matrix differential diagnosis of biological crystallites phase anisotropy. , 2013, , .		0
15	CLASSIFYING OPTICAL PROPERTIES OF SURFACE- AND BULK-SCATTERING BIOLOGICAL LAYERS WITH POLARIZATION SINGULAR STATES. Journal of Innovative Optical Health Sciences, 2013, 06, 1350018.	1.0	10
16	Multiparameter correlation microscopy of blood plasma polycrystalline networks in the diagnosis of cancer tissues of female reproductive system. Proceedings of SPIE, 2013, , .	0.8	2
17	Fractal structure of optical anisotropy Mueller-matrices images of biological layers. Proceedings of SPIE, 2013, , .	0.8	5
18	Mueller-matrices polarization selection of two-dimensional linear and circular birefringence images. , 2013, , .		11

#	ARTICLE	IF	CITATIONS
19	System of space-frequency filtering of linear and circular birefringence in cancer diagnosis. , 2013, , .		4
20	Polarization correlometry of birefringence images of human blood layers. Proceedings of SPIE, 2013, , .	0.8	0