

LIST OF PUBLICATIONS
Volodymyr Vasylkovskiy

№	Name	Type of publ.	Output	Vol. of pages	Joint authors
1	2	3	4	5	6
1	Slot spherical antenna with a multi-element resonant aperture in a waveguide	Research paper	Reporter of V.N. Karazin Kharkiv National University - Series "Radiophysics and Electronics" №24: 2014 P. 35-40. ISSN 2311-0872	6	S.L. Berdnik, V.O. Katrych, M.V. Nesterenko, Yu.M. Penkin
2	Stem cells as a solution of the problem of heart diseases treatment	Conf. paper	Academic and Scientific Challenges of Diverse Fields of Knowledge in the 21-st Century, March 20, 2015 P. 176-178. ISBN 978-966-285-186-4	3	
3	Radiation fields of the spherical slot antenna in a material medium	Conf. paper	International Conference on Antenna Theory and Techniques, April 21, 2015: P. 1-3. DOI:10.1109/ICATT.2015.7136857	3	S.L. Berdnik, M.V. Nesterenko, Yu.M. Penkin
4	Formation of Semiconductor Quantum Dots for Electrochemiluminescent Assay by Laser Fragmentation	Conf. paper	X International Scientific Conference "Functional Basis of Nanoelectronics", September 16-21, 2019, P. 6-10.	5	Yu.T. Zholudov, M.I. Slipchenko, O.V. Slipchenko, B.N. Chichkov
5	Recent research advances of usage of laser-fabricated nanomaterials in electroanalytical techniques	Conf. paper	XI International Scientific Conference "Functional Basis of Nanoelectronics", November 24-26, 2020, P. 6-9.	4	B.N. Chichkov, K.M. Muzyka, M.I. Slipchenko, O.V. Slipchenko, Yu.T. Zholudov
6	Pulsed Laser Ablation Synthesis of Nanoparticles and Prospects of their Electroanalytical Applications	Conf. paper	Матеріали 25-го міжнародного молодіжного форуму «Радіоелектроніка та молодь у XXI столітті», April 21, 2021, P. 113-114	2	
7	Laser-induced nanoparticles in electroanalysis: Review	Review paper	Functional Materials 28(2), July 2021, P. 210 – 216 DOI: 10.15407/fm28.02.210	7	M.I. Slipchenko, O.V. Slipchenko, K.M. Muzyka, Y.T. Zholudov
8	Electrogenerated chemiluminescence in thin polymer films on smooth and nanostructured electrode surfaces	Conf. paper	Nanotechnology and nanomaterials (NANO-2021), 24 Sep. 2021, P. 355	1	Y.T. Zholudov, K.M. Muzyka, I.M. Gnilitzkyi

9	Laser-based Nanostructured Materials for Electroanalysis	Conf. paper	Nanotechnology and nanomaterials (NANO-2021), 24 Sep. 2021, P. 513	1	Y.T. Zholudov, D.V. Snizhko, K.M. Muzyka
10	Laser-based Nanostructuring of Carbon Materials	Conf. paper	XII International Scientific Conference "Functional Basis of Nanoelectronics", September 2021, P. 10-12	3	K.M. Muzyka, Y.T. Zholudov, I.I. Gnilitskyi, D.V. Snizhko, O.V. Slipchenko
11	Laser Assisted Generation of Nanoparticles for Electrochemical and Electrochemiluminescent Applications	Conf. paper	XII International Scientific Conference "Functional Basis of Nanoelectronics", September 2021, P. 5-9	5	Y.T. Zholudov, B.N. Chichkov, K.M. Muzyka, M.I. Slipchenko, O.V. Slipchenko
12	Research of electrochemiluminescence of cesium lead halide perovskite nanocrystals	Conf. paper	XII International Scientific Conference "Functional Basis of Nanoelectronics", September 2021, P. 13-15	3	Y.T. Zholudov, I.I. Bepalova, M.I. Slipchenko, A.V. Sorokin, O.V. Slipchenko
13	Prospects of use of perovskite quantum dots in electrochemiluminescent analytical systems	Conf. paper	Int, workshop for young scientists "Functional materials for technical and biomedical applications", Sep. 2021, P. 13	1	Y.T. Zholudov, I.I. Bepalova, O.V. Slipchenko
14	Research of coreactant electrochemiluminescence of perovskite (CsPbBr ₃) quantum dots	Conf. paper	9th International Scientific and Technical Conference "Sensors electronics and microsystem technologies" (SEMST-9), Sep. 2021, P. 56-57	2	Y.T. Zholudov, I.I. Bepalova, M.I. Slipchenko, O.V. Sorokin
15	Review: Electrochemiluminescence of perovskite-related nanostructures	Review paper	Crystals 2023, 13(3), 455; DOI: https://doi.org/10.3390/cryst13030455	17	I. Bepalova, M. Slipchenko, O. Slipchenko, Y. Zholudov, B. Chichkov

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