

CURRICULUM VITAE



Kozlovskiy Anatoli

Affiliation and official address:

Research Scientist of Department of Optical and Laser Crystals, Institute for Single Crystals NAS of Ukraine

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Education (*degrees, dates, universities*)

1991 – M. S. Kharkiv State University, Ukraine (Physics), Kharkiv, Ukraine

2009 – Ph. D Institute for Single Crystals NASU (Physics of Semiconductors and Dielectrics), Kharkiv, Ukraine

Career/Employment (*employers, positions and dates*)

1991-1994 PhD Student Institute for Single Crystals NASU, Kharkiv, Ukraine

1994-2014 Junior Research Scientist Institute for Single Crystals NASU, Kharkiv, Ukraine

2014- date Research Scientist Institute for Single Crystals NASU, Kharkiv, Ukraine

Main field of activity and current research interest

Crystal growth, Defects in crystals, Optical properties of crystals.

Publications and patents:

3 - Chapters in books, 52 original articles.

Scopus *h*-index: **4** (<https://www.scopus.com/authid/detail.uri?authorId=7006003326>)

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Selected recent publications:

(1) **A. Kozlovskiy**, A. Semenov, S. Skorik, Electron transport in nanocrystalline SiC films obtained by direct ion deposition, Superlattices and Microstructures 2016, vol. 100, pp. 596-604, doi.org/10.1016/j.spmi.2016.10.013, **Q2**

(2) A.V. Semenov, V.O. Pashchenko, V.F. Khirnyi, **A.A. Kozlovskiy**, P.V. Mateichenko, Magnetism in nanocrystalline SiC films, Physica E: Low-Dimensional Systems and Nanostructures, 2015, Vol. 74, 12028, pp. 220 – 225, doi.org/10.1016/j.physe.2015.07.006, **Q2**.

(3) O.N. Bezkrovnaya, G.N. Babenko, I.M. Pritula, A.D. Roshal, Yu.A. Gurkalenko, A.A. **Kozlovski**, E.I. Kostenyukova, Composite materials based on SiO₂-matrices saturated with DAST, Journal of Non-Crystalline Solids, 2020, **Vol. 535**, p. 119957, doi.org/10.1016/j.jnoncrysol.2020.119957 **Q1**.

(4) A. Semenov, **A. Kozlovskiy**, S. Skorik, D. Lubov, Gas sensing properties of nanocrystalline silicon carbide films, Micro and Nano Systems Letters, 2019, vol. 7, pp. 6-1 – 6-5 <https://doi.org/10.1186/s40486-019-0084-7>, **Q3**.

(5) V.F. Mitin, V.V. Kholevchuk, A.V. Semenov, **A. A. Kozlovskii**, N.S. Boltovets, V.A. Krivutsa, A.S. Slepova, S.V. Novitskii. Nanocrystalline SiC film thermistors for cryogenic applications, Review of Scientific Instruments, 2018, vol. 89, 025004-1 – 025004-5, doi.org/10.1063/1.5024505 **Q2**.

(6) A. V. Semenov, D. V. Lubov, **A. A. Kozlovskiy**. The Chemresistive Properties of SiC Nanocrystalline Films with Different Conductivity Type, Journal of Sensors, Vol. 2020, Article ID 7587314, 6 pages, doi.org/10.1155/2020/7587314, **Q2**.