

CURRICULUM VITAE



Gryn Leonid

Affiliation and official address:

Deputy Head of Department of Optical and Laser Crystals,
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Education (*degrees, dates, universities*)

1993 – M. S. Kharkiv Polytechnical Institute, Ukraine (Physics), Ukraine
2003 – Ph. D Institute for Single Crystals NASU (Solid State Physics), Kharkiv, Ukraine

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

1993 - 1995	Engineer	Institute for Single Crystals NASU, Kharkiv, Ukraine
1995 - 1998	PhD Student	Institute for Single Crystals NASU, Kharkiv, Ukraine
1998 - 2005	Engineer	Institute for Single Crystals NASU, Kharkiv, Ukraine
2005 - 2010	Junior Research Scientist	Institute for Single Crystals NASU, Kharkiv, Ukraine
2010 - 2012	Research Scientist	Institute for Single Crystals NASU, Kharkiv, Ukraine
2012 - 2015	Senior Research Scientist	Institute for Single Crystals NASU, Kharkiv, Ukraine
2015 – 2017	Acting head of department	Institute for Single Crystals NASU, Kharkiv, Ukraine
2017 - 2020	Senior Research Scientist	Institute for Single Crystals NASU, Kharkiv, Ukraine
2021 - date	Deputy Head of Department	Institute for Single Crystals NASU, Kharkiv, Ukraine

Main field of activity and current research interest

Crystal growth from melts, Development and improvement of obtaining crystalline materials; Defects in crystals, Investigation of optical and structural defects in crystals.

Publications and patents

1 - Chapters in books, 26 - original articles, 18 - conference materials, 5 – patents.

h-index: **5** (Scopus).

[Scopus Author ID: 10044495600](https://scopus.org/authorid/10044495600)

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Selected recent publications:

(1) **L.A. Gryn**, A.T. Budnikov, N.S. Sidelnikova, G.T. Adonkin, V.V. Baranov, Optimization of temperature conditions for the growth of large-size sapphire crystals by the method of horizontally directed crystallization, *Functional Materials*, 2013, V.20, №1, P. 111-117. DOI: <http://dx.doi.org/10.15407/fm20.01.111>. **Q3**.

(2) I.V. Blonskyi, V.M. Kadan, V.M. Puzikov, **L.A. Grin'**, Temporal autolocalization of femtosecond light pulses in the filaments observed in fused silica, *Ukr. J. Phys. Opt.*, 2013, V.14, №2, P. 85-90. DOI: [10.3116/16091833/14/2/85/2013](https://doi.org/10.3116/16091833/14/2/85/2013).

(3) I. Blonskyi, V. Kadan, Y. Shynkarenko, O. Yarusevych, P. Korenyuk, V. Puzikov, **L. Grin'**, Periodic femtosecond filamentation in birefringent media, *Applied Physics B*, 2015, V. 120, № 4, P. 705-710, DOI: <https://doi.org/10.1007/s00340-015-6186-x>. **Q2**.

(4) L.Ya. Ropyak, M.V. Makoviichuk, I.P. Shatskyi, I.M. Pritula, **L.O. Gryn**, V.O. Belyakovskiy, Stressed state of laminated interference-absorption filter under local loading, *Funct. Mater.* 2020, V.27 (3), P. 638-642, DOI: <https://doi.org/10.15407/fm27.03.638>. **Q3**.