

# CURRICULUM VITAE



## Tymoshenko Arsenii

### Affiliation and official address:

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### Education:

2017 – B. Sc. V.N. Karazin Kharkiv National University, Kharkiv, Ukraine (Physics and Astronomy).

2019 – M. Sc. V.N. Karazin Kharkiv National University, Kharkiv, Ukraine (Physics and Astronomy).

### Career/Employment:

2018-2019 Engineer Institute for Scintillation Materials NASU, Kharkiv, Ukraine

2019 – at present PhD student Institute for Single Crystals NASU, Kharkiv, Ukraine

### Main field of activity and current research interest:

Materials Science, Crystal Formation, Optical Ceramics, Nanotechnologies.

### Honors, Awards, Fellowships, Membership of Professional Societies:

Grant of the National Academy of Sciences of Ukraine for Young Scientists (2020).

### Publications and patents:

1 Original Article; Scopus *h*-index: **none**

<https://www.scopus.com/authid/detail.uri?authorId=57218602017&eid=2-s2.0-85089753148>

<https://orcid.org/0000-0001-5477-2370>

### Selected Recent Publications:

1. D.Yu. Kosyanov, A.A. Vornovskikh, A.M. Zakharenko, **A.D. Timoshenko**, I.O. Vorona, A.G. Doroshenko, S.V. Parkhomenko, A.V. Tolmachev, V.Yu. Mayorov, V.G. Kuryavyi. Effect of Nd<sup>3+</sup> ions on porosity of SiO<sub>2</sub>-doped 0-4 at% Nd<sup>3+</sup>:Y<sub>3</sub>Al<sub>5</sub>O<sub>12</sub> laser ceramics on different stages of reactive sintering // Functional Materials 27 (2020) 270-276. <https://doi.org/10.15407/fm27.02.270>.