

# Evghenii Goncarencu

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

99  
citations

1937685

4  
h-index

1372567

10  
g-index

13  
all docs

13  
docs citations

13  
times ranked

112  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Ag, Au and Pt decorated TiO <sub>2</sub> biocompatible nanospheres for UV & vis photocatalytic water treatment. Applied Surface Science, 2020, 509, 145217.   | 6.1 | 41        |
| 2  | Influence of annealing medium on photoluminescence and optical properties of ZnSe:Cr crystals. Journal of Luminescence, 2014, 145, 237-243.   | 3.1 | 16        |
| 3  | Growth of ZnCdS single crystals and prospects of their application as nanoporous structures. Semiconductor Science and Technology, 2014, 29, 125003.  | 2.0 | 14        |
| 4  | The effect of noble metal addition on the properties of oxide semiconductors nanoparticles. Journal of Solid State Chemistry, 2022, 307, 122817.  | 2.9 | 6         |
| 5  | Features of Nanotemplates Manufacturing on the II-VI Compound Substrates. IFMBE Proceedings, 2016, , 188-191.   | 0.3 | 5         |
| 6  | A comparative analysis of infra-red luminescence spectra of ZnSe crystals doped with Yb, Gd or Cr impurities. Infrared Physics and Technology, 2014, 62, 132-135.   | 2.9 | 4         |
| 7  | Obtaining of II-VI compound substrates with controlled electrical parameters and prospects of their application for nanoporous structures. Physica Status Solidi C: Current Topics in Solid State Physics, 2014, 11, 1404-1407. | 0.8 | 3         |
| 8  | Photoluminescence of ZnSe samples doped with antimony and iodine. Physica B: Condensed Matter, 2021, 602, 412466.   | 2.7 | 3         |
| 9  | A comparative analysis of infrared luminescence spectra of ZnSe:Yb, ZnSe:Gd, and ZnSe:Cr crystals. Physica Status Solidi C: Current Topics in Solid State Physics, 2014, 11, 1401-1403.   | 0.8 | 2         |
| 10 | Infrared photoluminescence of ZnSe:Gd crystals. Journal of Luminescence, 2015, 158, 451-455.  | 3.1 | 2         |
| 11 | Self-absorption of violet radiation in ZnO thin films produced on ZnSe crystal surfaces by isovalent substitution method. Journal of Luminescence, 2018, 197, 396-398.  | 3.1 | 2         |
| 12 | Activation ability of Gd dopant in the ZnSe single crystals. Journal of Luminescence, 2021, 238, 118314.  | 3.1 | 1         |