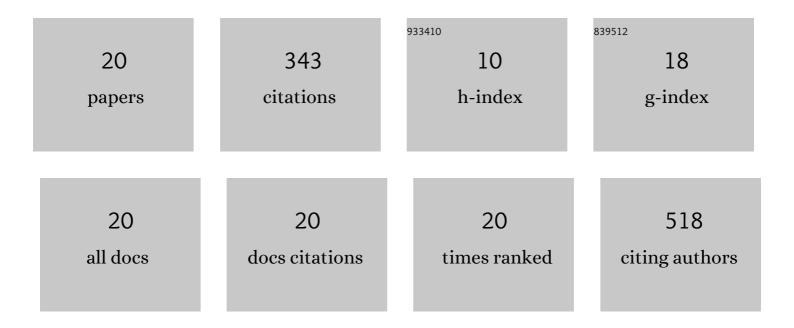
Vladimir Neplokh

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Lanthanide(III)-Incorporating Polysiloxanes as Materials for Light-Emitting Devices. ACS Applied Polymer Materials, 2022, 4, 2683-2690. | 4.4 | 11 |
| 2 | Large-scale flexible membrane with resonant silicon nanowires for infrared visualization via efficient third harmonic generation. Applied Physics Letters, 2022, 120, 151102. | 3.3 | 2 |
| 3 | Recrystallization of CsPbBr3 Nanoparticles in Fluoropolymer Nonwoven Mats for Down- and Up-Conversion of Light. Nanomaterials, 2021, 11, 412. | 4.1 | 6 |
| 4 | Stretchable Transparent Light-Emitting Diodes Based on InGaN/GaN Quantum Well Microwires and Carbon Nanotube Films. Nanomaterials, 2021, 11, 1503. | 4.1 | 10 |
| 5 | Flexible Perovskite CsPbBr ₃ Light Emitting Devices Integrated with GaP Nanowire Arrays in Highly Transparent and Durable Functionalized Silicones. Journal of Physical Chemistry Letters, 2021, 12, 9672-9676. | 4.6 | 6 |
| 6 | Red GaPAs/GaP Nanowire-Based Flexible Light-Emitting Diodes. Nanomaterials, 2021, 11, 2549. | 4.1 | 8 |
| 7 | Silicon nanowire/polymer membrane for infrared visualization via third-harmonic generation. Journal of Physics: Conference Series, 2021, 2015, 012096. | 0.4 | 1 |
| 8 | Optimization of Optoelectronic Properties of Patterned Single-Walled Carbon Nanotube Films. ACS Applied Materials & Interfaces, 2020, 12, 55141-55147. | 8.0 | 15 |
| 9 | Gallium Phosphide Nanowires in a Free-Standing, Flexible, and Semitransparent Membrane for Large-Scale Infrared-to-Visible Light Conversion. ACS Nano, 2020, 14, 10624-10632. | 14.6 | 38 |
| 10 | Selective-Area Remote Epitaxy of ZnO Microrods Using Multilayer–Monolayer-Patterned Graphene for Transferable and Flexible Device Fabrications. ACS Applied Nano Materials, 2020, 3, 8920-8930. | 5.0 | 25 |
| 11 | Structural and Optical Properties of Self-Catalyzed Axially Heterostructured GaPN/GaP Nanowires Embedded into a Flexible Silicone Membrane. Nanomaterials, 2020, 10, 2110. | 4.1 | 20 |
| 12 | Novel design strategy for GaAsâ€based solar cell by application of singleâ€walled carbon nanotubes topmost layer. Energy Science and Engineering, 2020, 8, 2938-2945. | 4.0 | 7 |
| 13 | Modified silicone rubber for fabrication and contacting of flexible suspended membranes of n-/p-GaP nanowires with a single-walled carbon nanotube transparent contact. Journal of Materials Chemistry C, 2020, 8, 3764-3772. | 5.5 | 27 |
| 14 | Fabrication and electrical study of large area free-standing membrane with embedded GaP NWs for flexible devices. Nanotechnology, 2020, 31, 46LT01. | 2.6 | 10 |
| 15 | Flexible Photodiodes Based on Nitride Core/Shell p–n Junction Nanowires. ACS Applied Materials & Interfaces, 2016, 8, 26198-26206. | 8.0 | 66 |
| 16 | Electron beam induced current microscopy investigation of GaN nanowire arrays grown on Si substrates. Materials Science in Semiconductor Processing, 2016, 55, 72-78. | 4.0 | 9 |
| 17 | Core–Shell Heterojunction Solar Cells Based on Disordered Silicon Nanowire Arrays. Journal of Physical Chemistry C, 2016, 120, 2962-2972. | 3.1 | 32 |
| 18 | Substrate-Free InGaN/GaN Nanowire Light-Emitting Diodes. Nanoscale Research Letters, 2015, 10, 447. | 5.7 | 19 |

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | High structural quality InGaN/GaN multiple quantum well solar cells. Physica Status Solidi C: Current Topics in Solid State Physics, 2015, 12, 1412-1415. | 0.8 | 9 |
| 20 | Color control of nanowire InGaN/GaN light emitting diodes by post-growth treatment. Nanotechnology, 2015, 26, 465203. | 2.6 | 22 |