

# Hoang-Duy Nguyen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8139910/publications.pdf>

Version: 2024-02-01

23  
papers

962  
citations

686830

13  
h-index

642321

23  
g-index

24  
all docs

24  
docs citations

24  
times ranked

832  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Enhancing Efficiency of AlGaIn Ultraviolet-B Light-Emitting Diodes with Graded p-i-n AlGaIn Hole Injection Layer. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2021, 218, 2100003.   | 0.8 | 4         |
| 2  | Improving Color Quality of Nanowire White Light-Emitting Diodes with Mn <sup>4+</sup> Doped Fluoride Nanosheets. <i>Micromachines</i> , 2021, 12, 965.  | 1.4 | 5         |
| 3  | Improving carrier transport in AlGaIn deep-ultraviolet light-emitting diodes using a strip-in-a-barrier structure. <i>Applied Optics</i> , 2020, 59, 5276.  | 0.9 | 20        |
| 4  | Enhanced hole transport in AlGaIn deep ultraviolet light-emitting diodes using a double-sided step graded superlattice electron blocking layer. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2020, 37, 2564.   | 0.9 | 9         |
| 5  | High performance electron blocking layer-free InGaIn/GaN nanowire white-light-emitting diodes. <i>Optics Express</i> , 2020, 28, 665.   | 1.7 | 35        |
| 6  | Deep red fluoride dots-in-nanoparticles for high color quality micro white light-emitting diodes. <i>Optics Express</i> , 2020, 28, 26189.  | 1.7 | 17        |
| 7  | High-performance electron-blocking-layer-free deep ultraviolet light-emitting diodes implementing a strip-in-a-barrier structure. <i>Optics Letters</i> , 2020, 45, 5125.   | 1.7 | 11        |
| 8  | Numerical investigation on the device performance of electron blocking layer free AlInN nanowire deep ultraviolet light-emitting diodes. <i>Optical Materials Express</i> , 2020, 10, 472.  | 1.6 | 12        |
| 9  | Feasible preparation of red-phosphor K <sub>2</sub> SiF <sub>6</sub> :Mn <sup>4+</sup> coated with SiO <sub>2</sub> for white light emitting diodes application. <i>Vietnam Journal of Chemistry</i> , 2019, 57, 384-388.   | 0.7 | 6         |
| 10 | Full-Color InGaIn/AlGaIn Nanowire Micro Light-Emitting Diodes Grown by Molecular Beam Epitaxy: A Promising Candidate for Next Generation Micro Displays. <i>Micromachines</i> , 2019, 10, 492.  | 1.4 | 51        |
| 11 | <i>Nephelium lappaceum</i> oil: A low-cost alternative feedstock for sustainable biodiesel production using magnetic solid acids. <i>Environmental Progress and Sustainable Energy</i> , 2016, 35, 603-610.   | 1.3 | 14        |
| 12 | Improvement of the Water Resistance of a Narrow-Band Red-Emitting SrLiAl <sub>3</sub> N <sub>4</sub> :Eu <sup>2+</sup> Phosphor Synthesized under High Isostatic Pressure through Coating with an Organosilica Layer. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 9652-9656. | 7.2 | 63        |
| 13 | Improvement of the Water Resistance of a Narrow-Band Red-Emitting SrLiAl <sub>3</sub> N <sub>4</sub> :Eu <sup>2+</sup> Phosphor Synthesized under High Isostatic Pressure through Coating with an Organosilica Layer. <i>Angewandte Chemie</i> , 2016, 128, 9804-9808.                        | 1.6 | 13        |
| 14 | Narrow-band red-emitting Mn <sup>4+</sup> -doped hexafluoride phosphors: synthesis, optoelectronic properties, and applications in white light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2016, 4, 10759-10775.   | 2.7 | 138       |
| 15 | Magnetic Poly(Vinylsulfonic-co-Divinylbenzene) Catalysts for Direct Conversion of Cellulose into 5-Hydroxymethylfurfural Using Ionic Liquids. <i>Materials Transactions</i> , 2015, 56, 1434-1440.  | 0.4 | 9         |
| 16 | Waterproof Alkyl Phosphate Coated Fluoride Phosphors for Optoelectronic Materials. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 10862-10866.  | 7.2 | 160       |
| 17 | Preparation of a novel red Rb <sub>2</sub> SiF <sub>6</sub> :Mn <sup>4+</sup> phosphor with high thermal stability through a simple one-step approach. <i>Journal of Materials Chemistry C</i> , 2015, 3, 7277-7280.  | 2.7 | 98        |
| 18 | Synthesis of Na <sub>2</sub> SiF <sub>6</sub> :Mn <sup>4+</sup> red phosphors for white LED applications by co-precipitation. <i>Journal of Materials Chemistry C</i> , 2014, 2, 10268-10272.   | 2.7 | 187       |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Preparing nano-hole arrays by using porous anodic aluminum oxide nano-structural masks for the enhanced emission from InGaN/GaN blue light-emitting diodes. <i>Advances in Natural Sciences: Nanoscience and Nanotechnology</i> , 2012, 3, 045018.                                   | 0.7 | 4         |
| 20 | Preparation and characterization of nanosized (Y,Bi)VO <sub>4</sub> :Eu <sup>3+</sup> and Y(V,P)O <sub>4</sub> :Eu <sup>3+</sup> red phosphors. <i>Journal of Luminescence</i> , 2009, 129, 1754-1758.   | 1.5 | 43        |
| 21 | Enhanced ultrafast optical nonlinearity of porous anodized aluminum oxide nanostructures. <i>Optics Express</i> , 2009, 17, 19093.   | 1.7 | 14        |
| 22 | Optical Properties of Eu <sub>2</sub> (WO <sub>4</sub> ) <sub>3</sub> and Tb <sub>2</sub> (WO <sub>4</sub> ) <sub>3</sub> and of CaWO <sub>4</sub> Doped with Eu <sup>3+</sup> or Tb <sup>3+</sup> - Revisited. <i>Journal of the Korean Physical Society</i> , 2008, 53, 2220-2223. | 0.3 | 10        |
| 23 | High-efficiency InGaN blue LEDs with reduced positive sheet polarization. <i>Applied Optics</i> , 0, , .   | 0.9 | 2         |