

# Van-Thai Tran

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4693617/publications.pdf>

Version: 2024-02-01

16  
papers

658  
citations

1040056

9  
h-index

996975

15  
g-index

16  
all docs

16  
docs citations

16  
times ranked

1340  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Influence of thermal treatment on electronic properties of inkjet-printed zinc oxide semiconductor. International Journal of Smart and Nano Materials, 2022, 13, 330-345.                | 4.2  | 1         |
| 2  | Large-scale Fabrication of 3D Scaffold-Based Patterns of Microparticles and Breast Cancer Cells using Reusable Acoustofluidic Device. Advanced Engineering Materials, 2021, 23, 2001377. | 3.5  | 11        |
| 3  | A Direct-Writing Approach for Fabrication of CNT/Paper-Based Piezoresistive Pressure Sensors for Airflow Sensing. Micromachines, 2021, 12, 504.  | 2.9  | 5         |
| 4  | Manipulation of self-assembled three-dimensional architecture in reusable acoustofluidic device. Electrophoresis, 2021, 42, 2375-2382.   | 2.4  | 1         |
| 5  | Non-isothermal crystallization behaviour of polyamide 12 analogous to multi-jet fusion additive manufacturing process. Polymer, 2021, 235, 124256.                                       | 3.8  | 8         |
| 6  | On-Substrate Joule Effect Heating by Printed Micro-Heater for the Preparation of ZnO Semiconductor Thin Film. Micromachines, 2020, 11, 490.  | 2.9  | 8         |
| 7  | Acoustofluidic closed-loop control of microparticles and cells using standing surface acoustic waves. Sensors and Actuators B: Chemical, 2020, 318, 128143.                              | 7.8  | 27        |
| 8  | Robust Photodetectable Paper from Chemically Exfoliated MoS <sub>2</sub> MoO <sub>3</sub> Multilayers. ACS Applied Materials & Interfaces, 2019, 11, 21445-21453.                        | 8.0  | 30        |
| 9  | Patterning and manipulating microparticles into a three-dimensional matrix using standing surface acoustic waves. Applied Physics Letters, 2018, 112, .                                  | 3.3  | 40        |
| 10 | Single-Step Selective Laser Writing of Flexible Photodetectors for Wearable Optoelectronics. Advanced Science, 2018, 5, 1800496.   | 11.2 | 87        |
| 11 | Influence of annealing to the defect of inkjet-printed ZnO thin film. , 2018, , .  |      | 1         |
| 12 | All-inkjet-printed flexible ZnO micro photodetector for a wearable UV monitoring device. Nanotechnology, 2017, 28, 095204.   | 2.6  | 61        |
| 13 | Inkjet-printed optoelectronics. Nanoscale, 2017, 9, 965-993.   | 5.6  | 132       |
| 14 | Paper/Carbon Nanotube-Based Wearable Pressure Sensor for Physiological Signal Acquisition and Soft Robotic Skin. ACS Applied Materials & Interfaces, 2017, 9, 37921-37928.               | 8.0  | 230       |
| 15 | Fast light-induced reversible wettability of a zinc oxide nanorod array coated with a thin gold layer. Nanotechnology, 2017, 28, 445404.   | 2.6  | 4         |
| 16 | Preparing of Interdigitated Microelectrode Arrays for AC Electrokinetic Devices Using Inkjet Printing of Silver Nanoparticles Ink. Micromachines, 2017, 8, 106.                          | 2.9  | 12        |