

Van-Thai Tran

List of Publications by Year in descending order

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16
papers

658
citations

1040056

9
h-index

996975

15
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16
all docs

16
docs citations

16
times ranked

1340
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Inkjet-printed optoelectronics. Nanoscale, 2017, 9, 965-993.	5.6	132
3	Single-Step Selective Laser Writing of Flexible Photodetectors for Wearable Optoelectronics. Advanced Science, 2018, 5, 1800496.	11.2	87
4	All-inkjet-printed flexible ZnO micro photodetector for a wearable UV monitoring device. Nanotechnology, 2017, 28, 095204.	2.6	61
5	Patterning and manipulating microparticles into a three-dimensional matrix using standing surface acoustic waves. Applied Physics Letters, 2018, 112, .	3.3	40
6	Robust Photodetectable Paper from Chemically Exfoliated MoS ₂ –MoO ₃ Multilayers. ACS Applied Materials & Interfaces, 2019, 11, 21445-21453.	8.0	30
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	Preparing of Interdigitated Microelectrode Arrays for AC Electrokinetic Devices Using Inkjet Printing of Silver Nanoparticles Ink. Micromachines, 2017, 8, 106.	2.9	12
9	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
10	On-Substrate Joule Effect Heating by Printed Micro-Heater for the Preparation of ZnO Semiconductor Thin Film. Micromachines, 2020, 11, 490.	2.9	8
11	Non-isothermal crystallization behaviour of polyamide 12 analogous to multi-jet fusion additive manufacturing process. Polymer, 2021, 235, 124256.	3.8	8
12	A Direct-Writing Approach for Fabrication of CNT/Paper-Based Piezoresistive Pressure Sensors for Airflow Sensing. Micromachines, 2021, 12, 504.	2.9	5
13	Fast light-induced reversible wettability of a zinc oxide nanorod array coated with a thin gold layer. Nanotechnology, 2017, 28, 445404.	2.6	4
14	Manipulation of self-assembled three-dimensional architecture in reusable acoustofluidic device. Electrophoresis, 2021, 42, 2375-2382.	2.4	1
15	Influence of annealing to the defect of inkjet-printed ZnO thin film. , 2018, , .		1
16	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