

# Tran Nam Trung

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Enhanced photoelectrochemical activity in the heterostructure of vertically aligned few-layer MoS <sub>2</sub> flakes on ZnO. <i>Electrochimica Acta</i> , 2018, 260, 150-156.	2.6	60
2	Plasmonic Ag-Decorated Few-Layer MoS <sub>2</sub> Nanosheets Vertically Grown on Graphene for Efficient Photoelectrochemical Water Splitting. <i>Nano-Micro Letters</i> , 2020, 12, 172.	14.4	39
3	Polyol synthesis of ultrathin and high-aspect-ratio Ag nanowires for transparent conductive films. <i>Materials Letters</i> , 2017, 194, 66-69.	1.3	28
4	Conformal growth of few-layer MoS <sub>2</sub> flakes on closely-packed TiO <sub>2</sub> nanowires and their enhanced photoelectrochemical reactivity. <i>Journal of Alloys and Compounds</i> , 2019, 770, 686-691.	2.8	24
5	Elucidating the mechanism for the chemical vapor deposition growth of vertical MoO <sub>2</sub> /MoS <sub>2</sub> flakes toward photoelectrochemical applications. <i>Applied Surface Science</i> , 2020, 505, 144551.	3.1	24
6	Simple and Reliable Lift-Off Patterning Approach for Graphene and Graphene-Ag Nanowire Hybrid Films. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 21406-21412.	4.0	22
7	Ni <sub>2</sub> O <sub>3</sub> Decoration of WO <sub>3</sub> Thin Film for High Sensitivity NH <sub>3</sub> Gas Sensor. <i>Materials Transactions</i> , 2015, 56, 1354-1357.	0.4	16
8	Controllable low-temperature growth and enhanced photoelectrochemical water splitting of vertical SnS <sub>2</sub> nanosheets on graphene. <i>Electrochimica Acta</i> , 2020, 364, 137164.	2.6	11
9	Improved Photoelectrochemical Performance of MoS <sub>2</sub> through Morphology-Controlled Chemical Vapor Deposition Growth on Graphene. <i>Nanomaterials</i> , 2021, 11, 1585.	1.9	11
10	Direct and self-selective synthesis of Ag nanowires on patterned graphene. <i>RSC Advances</i> , 2017, 7, 17325-17331.	1.7	8
11	Preparation and Characterization of Silver Doped ZnO Nanostructures. <i>Open Journal of Synthesis Theory and Applications</i> , 2012, 01, 18-22.	1.3	6
12	Novel high-k gate dielectric properties of ultrathin hydrocarbon films for next-generation metal-insulator-semiconductor devices. <i>Carbon</i> , 2020, 158, 513-518.	5.4	4
13	Understanding the Growth Kinetics of Graphene on Cu and Fe <sub>2</sub> O <sub>3</sub> Using Inductively-Coupled Plasma Chemical Vapor Deposition. <i>Applied Microscopy</i> , 2017, 47, 13-18.	0.8	4
14	Synthesis and Characterization of Rb <sub>x</sub> Mn[Fe(CN)] <sub>6</sub> and Mn <sub>3</sub> [Cr(CN)] <sub>6</sub> . <i>Communications in Physics</i> , 2011, 21, 19.	0.0	0