

# Geunchang Choi

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Enhanced Terahertz Shielding of MXenes with Nano-Metamaterials. <i>Advanced Optical Materials</i> , 2018, 6, 1701076.	7.3	157
2	Plasmon Enhanced Terahertz Emission from Single Layer Graphene. <i>ACS Nano</i> , 2014, 8, 9089-9096.	14.6	80
3	Terahertz Nanoprobng of Semiconductor Surface Dynamics. <i>Nano Letters</i> , 2017, 17, 6397-6401.	9.1	36
4	Giant Field Enhancements in Ultrathin Nanoslots above 1 Terahertz. <i>ACS Photonics</i> , 2018, 5, 1885-1890.	6.6	21
5	Terahertz rectification in ring-shaped quantum barriers. <i>Nature Communications</i> , 2018, 9, 4914.	12.8	19
6	Quantum dots-nanogap metamaterials fabrication by self-assembly lithography and photoluminescence studies. <i>Optics Express</i> , 2015, 23, 14937.	3.4	13
7	Graphene-assisted biosensing based on terahertz nanoslot antennas. <i>Scientific Reports</i> , 2019, 9, 9749.	3.3	12
8	Enhanced Surface Carrier Response by Field Overlapping in Metal Nanopatterned Semiconductor. <i>ACS Photonics</i> , 2018, 5, 4739-4744.	6.6	10
9	Augmented All-Optical Active Terahertz Device Using Graphene-Based Metasurface. <i>Advanced Optical Materials</i> , 2021, 9, 2100462.	7.3	9
10	Control of optical nanometer gap shapes made via standard lithography using atomic layer deposition. <i>Journal of Micro/ Nanolithography, MEMS, and MOEMS</i> , 2018, 17, 1.	0.9	7
11	Simple and reliable light launch from a conventional single-mode fiber into a helical-core fiber through an adiabatically tapered splice. <i>Optics Express</i> , 2012, 20, 25562.	3.4	4
12	Colloidal MoS <sub>2</sub> van der Waals Template for Growing Highly Uniform Nanomaterials. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 35716-35724.	8.0	3
13	Detecting Defects in Electric Power Cables by Using Terahertz Time-domain Spectral Imaging Technology. <i>New Physics: Sae Mulli</i> , 2021, 71, 639-644.	0.1	0
14	Terahertz nanospectroscopy of surface carrier dynamics in metal-nanopatterned semiconductors. , 2019, , .		0