

# Wei Su

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2292930/publications.pdf>

Version: 2024-02-01

14  
papers

157  
citations

1307594

7  
h-index

1125743

13  
g-index

14  
all docs

14  
docs citations

14  
times ranked

211  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reaction kinetics of phenols and p-nitrophenols in flowing aerated aqueous solutions generated by a discharge plasma jet. <i>Journal of Hazardous Materials</i> , 2019, 363, 55-63.	12.4	43
2	Design of a highly sensitive surface plasmon resonance sensor using aluminum-based diffraction grating. <i>Optics Communications</i> , 2012, 285, 4603-4607.	2.1	30
3	A Four-Port Ultra-Compact Terahertz Splitting Filter Based on Graphene Nanoribbon. <i>IEEE Photonics Technology Letters</i> , 2019, 31, 86-89.	2.5	17
4	Graphene-based tunable terahertz filter with rectangular ring resonator containing double narrow gaps. <i>Pramana - Journal of Physics</i> , 2017, 89, 1.	1.8	15
5	Beam focusing from double subwavelength metallic slits filled with nonlinear material surrounded by dielectric surface gratings. <i>Photonics and Nanostructures - Fundamentals and Applications</i> , 2012, 10, 560-567.	2.0	11
6	Dynamically Tunable Dual-Frequency Terahertz Absorber Based on Graphene Rings. <i>IEEE Photonics Journal</i> , 2019, 11, 1-8.	2.0	10
7	Terahertz All-Optical Logic Gates Based on a Graphene Nanoribbon Rectangular Ring Resonator. <i>IEEE Photonics Journal</i> , 2018, 10, 1-8.	2.0	9
8	Low-cost surface plasmon resonance refractive index sensor based on the metal grating in DVD-ROM disc. <i>Sensors and Actuators A: Physical</i> , 2021, 330, 112858.	4.1	6
9	Multiple Fano resonances in asymmetric rectangular ring resonator based on graphene nanoribbon. <i>Results in Physics</i> , 2020, 17, 103121.	4.1	5
10	High polarisation extinction ratio of the TM-pass polariser with silicon carbide/graphene/silicon multilayers. <i>Pramana - Journal of Physics</i> , 2019, 93, 1.	1.8	4
11	A simple graphene nanoribbon structure-based terahertz all-optical logic gates with fano resonance. <i>Optical Materials</i> , 2019, 97, 109401.	3.6	3
12	Beam focusing from double subwavelength slits surrounded by Ag/SiO <sub>2</sub> /Ag tri-layer gratings. <i>Optics Communications</i> , 2016, 381, 24-29.	2.1	2
13	Evaluation of Photoelectric Characteristics of a Volume DBD Excited by Power Density Modulation. <i>IEEE Transactions on Plasma Science</i> , 2019, 47, 837-846.	1.3	2
14	Suppressed transmission of light through single slit in gold film. <i>Pramana - Journal of Physics</i> , 2018, 91, 1.	1.8	0