

# Won Il Nam

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

356  
citations

759233

12  
h-index

888059

17  
g-index

21  
all docs

21  
docs citations

21  
times ranked

275  
citing authors

#	ARTICLE	IF	CITATIONS
1	Refractive-Index-Insensitive Nanolaminated SERS Substrates for Label-Free Raman Profiling and Classification of Living Cancer Cells. Nano Letters, 2019, 19, 7273-7281.	9.1	63
2	Partial Leidenfrost Evaporation-Assisted Ultrasensitive Surface-Enhanced Raman Spectroscopy in a Janus Water Droplet on Hierarchical Plasmonic Micro-/Nanostructures. ACS Nano, 2020, 14, 9521-9531.	14.6	37
3	Plasmonic Electronic Raman Scattering as Internal Standard for Spatial and Temporal Calibration in Quantitative Surface-Enhanced Raman Spectroscopy. Journal of Physical Chemistry Letters, 2020, 11, 9543-9551.	4.6	35
4	Reusable Surface-Enhanced Raman Spectroscopy Membranes and Textiles via Template-Assisted Self-Assembly and Micro/Nanoimprinting. ACS Applied Materials & Interfaces, 2020, 12, 56290-56299.	8.0	34
5	Scalable High-Performance Nanolaminated SERS Substrates Based on Multistack Vertically Oriented Plasmonic Nanogaps. Advanced Materials Technologies, 2019, 4, 1800689.	5.8	29
6	Plasmonically Calibrated Label-Free Surface-Enhanced Raman Spectroscopy for Improved Multivariate Analysis of Living Cells in Cancer Subtyping and Drug Testing. Analytical Chemistry, 2021, 93, 4601-4610.	6.5	24
7	Robustness of an artificially tailored fisheye imaging system with a curvilinear image surface. Optics and Laser Technology, 2017, 96, 50-57.	4.6	21
8	Geometrical shape design of nanophotonic surfaces for thin film solar cells. Optics Express, 2016, 24, A1033.	3.4	20
9	A digital SERS sensing platform using 3D nanolaminate plasmonic crystals coupled with Au nanoparticles for accurate quantitative detection of dopamine. Nanoscale, 2021, 13, 17340-17349.	5.6	19
10	Scalable nanolaminated SERS multiwell cell culture assay. Microsystems and Nanoengineering, 2020, 6, 47.	7.0	17
11	Au/SiO <sub>2</sub> -Nanolaminated Plasmonic Nanoantennas as Refractive-Index-Insensitive and Transparent Surface-Enhanced Raman Spectroscopy Substrates. ACS Applied Nano Materials, 2021, 4, 3175-3184.	5.0	15
12	Broadband Nanoscale Surface-Enhanced Raman Spectroscopy by Multiresonant Nanolaminate Plasmonic Nanocavities on Vertical Nanopillars. Advanced Functional Materials, 2022, 32, .	14.9	14
13	Microporous Multiresonant Plasmonic Meshes by Hierarchical Micro-Nanoimprinting for Bio-Interfaced SERS Imaging and Nonlinear Nano-Optics. Small, 2022, 18, e2106887.	10.0	13
14	Two-Tier Nanolaminate Plasmonic Crystals for Broadband Multiresonant Light Concentration with Spatial Mode Overlap. Advanced Optical Materials, 2021, 9, 2001908.	7.3	6
15	Nanostructured Au-Based Surface-Enhanced Raman Scattering Substrates and Multivariate Regression for pH Sensing. ACS Applied Nano Materials, 2021, 4, 5768-5777.	5.0	6
16	Sensors: Scalable High-Performance Nanolaminated SERS Substrates Based on Multistack Vertically Oriented Plasmonic Nanogaps (Adv. Mater. Technol. 5/2019). Advanced Materials Technologies, 2019, 4, 1970028.	5.8	2
17	Luminescent coverglass for improved absorption efficiency in III-V photovoltaic modules. Electronics Letters, 2016, 52, 1891-1892.	1.0	1
18	Plasmonic Calibration in Label-free Surface-enhanced Raman Spectroscopy for Improved Multivariate Analysis of Living Cells. , 2021, , .		0

#	ARTICLE	IF	CITATIONS
19	Electronic Raman Scattering Calibration for Quantitative Surface-enhanced Raman Spectroscopy and Improved Biostatistical Analysis. , 2020, , .		0
20	Leidenfrost Evaporation-Assisted Ultrasensitive Surface-Enhanced Raman Spectroscopy. , 2020, , .		0
21	RI-Insensitive Surface-enhanced Raman Spectroscopy (SERS) for Label-free Profiling and Classification of Living Cancer Cells. , 2020, , .		0