

Won Il Nam

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

356
citations

758635

12
h-index

887659

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. <i>Nano Letters</i> , 2019, 19, 7273-7281.	4.5	63
2	Partial Leidenfrost Evaporation-Assisted Ultrasensitive Surface-Enhanced Raman Spectroscopy in a Janus Water Droplet on Hierarchical Plasmonic Micro-/Nanostructures. <i>ACS Nano</i> , 2020, 14, 9521-9531.	7.3	37
3	Plasmonic Electronic Raman Scattering as Internal Standard for Spatial and Temporal Calibration in Quantitative Surface-Enhanced Raman Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 9543-9551.	2.1	35
4	Reusable Surface-Enhanced Raman Spectroscopy Membranes and Textiles via Template-Assisted Self-Assembly and Micro/Nanoimprinting. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 56290-56299.	4.0	34
5	Scalable High-Performance Nanolaminated SERS Substrates Based on Multistack Vertically Oriented Plasmonic Nanogaps. <i>Advanced Materials Technologies</i> , 2019, 4, 1800689.	3.0	29
6	Plasmonically Calibrated Label-Free Surface-Enhanced Raman Spectroscopy for Improved Multivariate Analysis of Living Cells in Cancer Subtyping and Drug Testing. <i>Analytical Chemistry</i> , 2021, 93, 4601-4610.	3.2	24
7	Robustness of an artificially tailored fisheye imaging system with a curvilinear image surface. <i>Optics and Laser Technology</i> , 2017, 96, 50-57.	2.2	21
8	Geometrical shape design of nanophotonic surfaces for thin film solar cells. <i>Optics Express</i> , 2016, 24, A1033.	1.7	20
9	A digital SERS sensing platform using 3D nanolaminate plasmonic crystals coupled with Au nanoparticles for accurate quantitative detection of dopamine. <i>Nanoscale</i> , 2021, 13, 17340-17349.	2.8	19
10	Scalable nanolaminated SERS multiwell cell culture assay. <i>Microsystems and Nanoengineering</i> , 2020, 6, 47.	3.4	17
11	Au/SiO ₂ -Nanolaminated Plasmonic Nanoantennas as Refractive-Index-Insensitive and Transparent Surface-Enhanced Raman Spectroscopy Substrates. <i>ACS Applied Nano Materials</i> , 2021, 4, 3175-3184.	2.4	15
12	Broadband Nanoscale Surface-Enhanced Raman Spectroscopy by Multiresonant Nanolaminate Plasmonic Nanocavities on Vertical Nanopillars. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	14
13	Microporous Multiresonant Plasmonic Meshes by Hierarchical Micro-Nanoimprinting for Bio-Interfaced SERS Imaging and Nonlinear Nano-Optics. <i>Small</i> , 2022, 18, e2106887.	5.2	13
14	Two-Tier Nanolaminate Plasmonic Crystals for Broadband Multiresonant Light Concentration with Spatial Mode Overlap. <i>Advanced Optical Materials</i> , 2021, 9, 2001908.	3.6	6
15	Nanostructured Au-Based Surface-Enhanced Raman Scattering Substrates and Multivariate Regression for pH Sensing. <i>ACS Applied Nano Materials</i> , 2021, 4, 5768-5777.	2.4	6
16	Sensors: Scalable High-Performance Nanolaminated SERS Substrates Based on Multistack Vertically Oriented Plasmonic Nanogaps (<i>Adv. Mater. Technol.</i> 5/2019). <i>Advanced Materials Technologies</i> , 2019, 4, 1970028.	3.0	2
17	Luminescent coverglass for improved absorption efficiency in III-V photovoltaic modules. <i>Electronics Letters</i> , 2016, 52, 1891-1892.	0.5	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