

# Han-Kyu Choi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7910036/publications.pdf>

Version: 2024-02-01

10  
papers

652  
citations

1307594

7  
h-index

1588992

8  
g-index

10  
all docs

10  
docs citations

10  
times ranked

1130  
citing authors

#	ARTICLE	IF	CITATIONS
1	Subnanomolar Sensitivity of Filter Paper-Based SERS Sensor for Pesticide Detection by Hydrophobicity Change of Paper Surface. <i>ACS Sensors</i> , 2018, 3, 151-159.	7.8	165
2	Metal-Catalyzed Chemical Reaction of Single Molecules Directly Probed by Vibrational Spectroscopy. <i>Journal of the American Chemical Society</i> , 2016, 138, 4673-4684.	13.7	151
3	Stem-piped light activates phytochrome B to trigger light responses in <i>Arabidopsis thaliana</i> roots. <i>Science Signaling</i> , 2016, 9, ra106.	3.6	145
4	Frequency-Domain Proof of the Existence of Atomic-Scale SERS Hot-Spots. <i>Nano Letters</i> , 2018, 18, 262-271.	9.1	77
5	Single-Molecule Surface-Enhanced Raman Scattering as a Probe of Single-Molecule Surface Reactions: Promises and Current Challenges. <i>Accounts of Chemical Research</i> , 2019, 52, 3008-3017.	15.6	60
6	Identification of the First Elementary Step in the Photocatalytic Reduction of Nitrobenzenethiols on a Metallic Surface. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 4099-4104.	4.6	30
7	High Contrast Detection of Water-Filled Terahertz Nanotrenches. <i>Advanced Optical Materials</i> , 2018, 6, 1800582.	7.3	16
8	Spatially Controlled Fabrication of Surface-Enhanced Raman Scattering Hot Spots through Photoinduced Dewetting of Silver Thin Films. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 2969-2975.	4.6	7
9	Midwavelength Infrared Colloidal Nanowire Laser. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 1431-1437.	4.6	1
10	(Invited) Investigation on Coloring/Self-Bleaching Mechanism in Photochromic Device Using Raman Spectroscopy. <i>ECS Meeting Abstracts</i> , 2020, MA2020-02, 2076-2076.	0.0	0