

# Soyoung Kang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2884897/publications.pdf>

Version: 2024-02-01

14  
papers

676  
citations

840119

11  
h-index

1125271

13  
g-index

15  
all docs

15  
docs citations

15  
times ranked

1094  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-immersion open-top light-sheet microscope for high-throughput imaging of cleared tissues. <i>Nature Communications</i> , 2019, 10, 2781.	5.8	135
2	In vivo multiplexed molecular imaging of esophageal cancer via spectral endoscopy of topically applied SERS nanoparticles. <i>Biomedical Optics Express</i> , 2015, 6, 3714.	1.5	95
3	Quantitative molecular phenotyping with topically applied SERS nanoparticles for intraoperative guidance of breast cancer lumpectomy. <i>Scientific Reports</i> , 2016, 6, 21242.	1.6	93
4	Raman-Encoded Molecular Imaging with Topically Applied SERS Nanoparticles for Intraoperative Guidance of Lumpectomy. <i>Cancer Research</i> , 2017, 77, 4506-4516.	0.4	75
5	Multiplexed Molecular Imaging of Fresh Tissue Surfaces Enabled by Convection-Enhanced Topical Staining with SERS-Coded Nanoparticles. <i>Small</i> , 2016, 12, 5612-5621.	5.2	54
6	Multiplexed Optical Imaging of Tumor-Directed Nanoparticles: A Review of Imaging Systems and Approaches. <i>Nanotheranostics</i> , 2017, 1, 369-388.	2.7	46
7	A Raman Imaging Approach Using CD47 Antibody-Labeled SERS Nanoparticles for Identifying Breast Cancer and Its Potential to Guide Surgical Resection. <i>Nanomaterials</i> , 2018, 8, 953.	1.9	44
8	Prostate Cancer Risk Stratification via Nondestructive 3D Pathology with Deep Learning-Assisted Gland Analysis. <i>Cancer Research</i> , 2022, 82, 334-345.	0.4	42
9	Multiplexed Molecular Imaging of Biomarker-Targeted SERS Nanoparticles on Fresh Tissue Specimens with Channel-Compressed Spectrometry. <i>PLoS ONE</i> , 2016, 11, e0163473.	1.1	34
10	Surgical Guidance via Multiplexed Molecular Imaging of Fresh Tissues Labeled With SERS-Coded Nanoparticles. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2016, 22, 154-164.	1.9	29
11	Microscopic investigation of <sup>n</sup> topically applied nanoparticles for molecular imaging of fresh tissue surfaces. <i>Journal of Biophotonics</i> , 2018, 11, e201700246.	1.1	14
12	Modeling the binding and diffusion of receptor-targeted nanoparticles topically applied on fresh tissue specimens. <i>Physics in Medicine and Biology</i> , 2019, 64, 045013.	1.6	7
13	High-speed Raman-encoded molecular imaging of freshly excised tissue surfaces with topically applied SERRS nanoparticles. <i>Journal of Biomedical Optics</i> , 2018, 23, 1.	1.4	6
14	Deep Learning-assisted 3D Segmentation and Analysis of Prostate Glands for Cancer Risk Stratification. , 2022, , .		0