

Se-Hwa Kim

List of Publications by Year in descending order

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1307594

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1058476

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372
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiplex Coherent Anti-Stokes Raman Spectroscopy Images Intact Atheromatous Lesions and Concomitantly Identifies Distinct Chemical Profiles of Atherosclerotic Lipids. <i>Circulation Research</i> , 2010, 106, 1332-1341.	4.5	69
2	Real-time GPU-accelerated processing and volumetric display for wide-field laser-scanning optical-resolution photoacoustic microscopy. <i>Biomedical Optics Express</i> , 2015, 6, 4650.	2.9	29
3	Three-color multiplex CARS for fast imaging and microspectroscopy in the entire CHn stretching vibrational region. <i>Optics Express</i> , 2009, 17, 22281.	3.4	21
4	Antimelanogenic Efficacy of Melasolv (3,4,5-Trimethoxycinnamate Thymol Ester) in Melanocytes and Three-Dimensional Human Skin Equivalent. <i>Skin Pharmacology and Physiology</i> , 2017, 30, 190-196.	2.5	20
5	Site-specific impairment of perivascular adipose tissue on advanced atherosclerotic plaques using multimodal nonlinear optical imaging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 17765-17774.	7.1	16
6	Dehydroabietic Acid Induces Regeneration of Collagen Fibers in Ultraviolet B-Irradiated Human Dermal Fibroblasts and Skin Equivalents. <i>Skin Pharmacology and Physiology</i> , 2019, 32, 109-116.	2.5	9
7	Lipid crystals mechanically stimulate adjacent extracellular matrix in advanced atherosclerotic plaques. <i>Atherosclerosis</i> , 2014, 237, 769-776.	0.8	8
8	Particulate Matter Promotes Melanin Production through Endoplasmic Reticulum Stress-Mediated IRE1 α Signaling. <i>Journal of Investigative Dermatology</i> , 2022, 142, 1425-1434.e6.	0.7	8
9	Simultaneous Evaluation of Thermal and Non-Thermal Effects of High-Intensity Focused Ultrasound on a Tissue-Mimicking Phantom. <i>Ultrasound in Medicine and Biology</i> , 2018, 44, 1799-1809.	1.5	6
10	Molecule-Resolved Visualization of Particulate Matter on Human Skin Using Multimodal Nonlinear Optical Imaging. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5199.	4.1	6
11	Length difference of multi-walled carbon nanotubes generates differential cytotoxic responses. <i>Journal of Applied Toxicology</i> , 2021, 41, 1414-1424.	2.8	5
12	Characterization and application of porous gold nanoparticles as 2-photon luminescence imaging agents: 20-fold brighter than gold nanorods. <i>Journal of Biophotonics</i> , 2018, 11, e201700174.	2.3	3
13	Fabrication of size-controlled linoleic acid particles and evaluation of their in-vitro lipotoxicity. <i>Food and Chemical Toxicology</i> , 2017, 100, 50-61.	3.6	1
14	The Protective Effect of Ganoderma lucidum Extract in Ultraviolet B-Induced Human Dermal Fibroblasts and Skin Equivalent Models. <i>Annals of Dermatology</i> , 2020, 32, 251.	0.9	1