Mariko Egawa

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4665983/publications.pdf

Version: 2024-02-01

15 papers	595 citations	840776 11 h-index	996975 15 g-index
15 all docs	15 docs citations	15 times ranked	588 citing authors

#	Article	IF	Citations
1	In vivo Estimation of Stratum Corneum Thickness from Water Concentration Profiles Obtained with Raman Spectroscopy. Acta Dermato-Venereologica, 2007, 87, 4-8.	1.3	275
2	Changes in the depth profile of water in the stratum corneum treated with water. Skin Research and Technology, 2009, 15, 242-249.	1.6	58
3	Non-Contact Skin Moisture Measurement Based on Near-Infrared Spectroscopy. Applied Spectroscopy, 2004, 58, 1439-1446.	2.2	46
4	Regional Difference of Water Content in Human Skin Studied by Diffuse-Reflectance Near-Infrared Spectroscopy: Consideration of Measurement Depth. Applied Spectroscopy, 2006, 60, 24-28.	2.2	42
5	In vivo evaluation of the protective capacity of sunscreen by monitoring urocanic acid isomer in the stratum corneum using Raman spectroscopy. Skin Research and Technology, 2008, 14, 410-417.	1.6	26
6	In vivo characterization of the structure and components of lesional psoriatic skin from the observation with Raman spectroscopy and optical coherence tomography: A pilot study. Journal of Dermatological Science, 2010, 57, 66-69.	1.9	24
7	The evaluation of the amount of cis- and trans-urocanic acid in the stratum corneum by Raman spectroscopy. Photochemical and Photobiological Sciences, 2010, 9, 730-733.	2.9	24
8	Visualization of Water Distribution in the Facial Epidermal Layers of Skin Using High-Sensitivity Near-Infrared (NIR) Imaging. Applied Spectroscopy, 2015, 69, 481-487.	2.2	23
9	Label-free stimulated Raman scattering microscopy visualizes changes in intracellular morphology during human epidermal keratinocyte differentiation. Scientific Reports, 2019, 9, 12601.	3.3	18
10	In situ visualization of intracellular morphology of epidermal cells using stimulated Raman scattering microscopy. Journal of Biomedical Optics, 2016, 21, 1.	2.6	17
11	Extended Range Near-Infrared Imaging of Water and Oil in Facial Skin. Applied Spectroscopy, 2011, 65, 924-930.	2.2	16
12	Visualizing intra-medulla lipids in human hair using ultra-multiplex CARS, SHG, and THG microscopy. Analyst, The, 2021, 146, 1163-1168.	3.5	11
13	Raman microscopy for skin evaluation. Analyst, The, 2021, 146, 1142-1150.	3.5	9
14	Changes in facial moisture distribution and feelings of moisture/dryness among various environmental temperatures and humidities in summer and winter. Skin Research and Technology, 2020, 26, 937-948.	1.6	3
15	Visualization of water concentration distribution in human skin by ultra-multiplex coherent anti-Stokes Raman scattering (CARS) microscopy. Applied Physics Express, 2021, 14, 042010.	2.4	3