# Jukka Kalle Samuel Saarinen

List of Publications by Year
in descending order



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|---|---|---|---|
| 13 papers | 197 citations | 1163117 8 h-index | 1199594 12 g-index |
| 14 all docs | 14 docs citations | 14 times ranked | 288 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Chemical analysis using 3D printed glass microfluidics. Analytical Methods, 2019, 11, 1802-1810. | 2.7 | 48 |
| 2 | Production, applications and inÂvivo fate of drug nanocrystals. Journal of Drug Delivery Science and Technology, 2016, 34, 21-31. | 3.0 | 30 |
| 3 | Multimodal Nonlinear Optical Imaging for Sensitive Detection of Multiple Pharmaceutical Solid-State Forms and Surface Transformations. Analytical Chemistry, 2017, 89, 11460-11467. | 6.5 | 20 |
| 4 | Investigation of protein distribution in solid lipid particles and its impact on protein release using coherent anti-Stokes Raman scattering microscopy. Journal of Controlled Release, 2015, 197, 111-120. | 9.9 | 19 |
| 5 | Preparation and characterization of multi-component tablets containing co-amorphous salts: Combining multimodal non-linear optical imaging with established analytical methods. European Journal of Pharmaceutics and Biopharmaceutics, 2018, 132, 112-126. | 4.3 | 18 |
| 6 | Multimodal non-linear optical imaging for the investigation of drug nano-/microcrystalâ€“cell interactions. European Journal of Pharmaceutics and Biopharmaceutics, 2015, 96, 338-348. | 4.3 | 16 |
| 7 | Elucidation of Compression-Induced Surface Crystallization in Amorphous Tablets Using Sum Frequency Generation (SFG) Microscopy. Pharmaceutical Research, 2017, 34, 957-970. | 3.5 | 15 |
| 8 | Infrared and Raman spectroscopy for purity assessment of extracellular vesicles. European Journal of Pharmaceutical Sciences, 2022, 172, 106135. | 4.0 | 8 |
| 9 | Raman spectroscopy combined with comprehensive gas chromatography for label-free characterization of plasma-derived extracellular vesicle subpopulations. Analytical Biochemistry, 2022, 647, 114672. | 2.4 | 8 |
| 10 | Insights into Caco-2 cell culture structure using coherent anti-Stokes Raman scattering (CARS) microscopy. International Journal of Pharmaceutics, 2017, 523, 270-280. | 5.2 | 5 |
| 11 | Cellâ€Nanoparticle Interactions at (Sub)â€“Nanometer Resolution Analyzed by Electron Microscopy and Correlative Coherent Antiâ€Stokes Raman Scattering. Biotechnology Journal, 2019, 14, 1800413. | 3.5 | 5 |
| 12 | Analytical tools for reliable in vitro and in vivo performance testing of drug nanocrystals. , 2018, , 441-477. | | 2 |
| 13 | Nonresonant CARS Imaging of Porous and Solid Silicon Nanoparticles in Human Cells. ACS Biomaterials Science and Engineering, 2022, 8, 4185-4195. | 5.2 | 2 |