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List of Publications by Year in descending order

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13
papers

197
citations

1163117

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h-index

1199594

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14
all docs

14
docs citations

14
times ranked

288
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonresonant CARS Imaging of Porous and Solid Silicon Nanoparticles in Human Cells. ACS Biomaterials Science and Engineering, 2022, 8, 4185-4195.	5.2	2
2	Infrared and Raman spectroscopy for purity assessment of extracellular vesicles. European Journal of Pharmaceutical Sciences, 2022, 172, 106135.	4.0	8
3	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
4	Chemical analysis using 3D printed glass microfluidics. Analytical Methods, 2019, 11, 1802-1810.	2.7	48
5	Cell-Nanoparticle Interactions at (Sub)-Nanometer Resolution Analyzed by Electron Microscopy and Correlative Coherent Anti-Stokes Raman Scattering. Biotechnology Journal, 2019, 14, 1800413.	3.5	5
6	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
7	Analytical tools for reliable in vitro and in vivo performance testing of drug nanocrystals. , 2018, , 441-477.		2
8	Elucidation of Compression-Induced Surface Crystallization in Amorphous Tablets Using Sum Frequency Generation (SFG) Microscopy. Pharmaceutical Research, 2017, 34, 957-970.	3.5	15
9	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
10	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
11	Production, applications and in vivo fate of drug nanocrystals. Journal of Drug Delivery Science and Technology, 2016, 34, 21-31.	3.0	30
12	Multimodal non-linear optical imaging for the investigation of drug nano-/microcrystal-cell interactions. European Journal of Pharmaceutics and Biopharmaceutics, 2015, 96, 338-348.	4.3	16
13	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