Sian Sloan-Dennison

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8365096/publications.pdf

Version: 2024-02-01

11 papers	195 citations	1307594 7 h-index	1281871 11 g-index
11 all docs	11 docs citations	11 times ranked	279 citing authors

#	Article	IF	Citations
1	A novel nanozyme assay utilising the catalytic activity of silver nanoparticles and SERRS. Analyst, The, 2017, 142, 2484-2490.	3.5	46
2	Protonâ€Conductive Melaninâ€Like Fibers through Enzymatic Oxidation of a Selfâ€Assembling Peptide. Advanced Materials, 2020, 32, e2003511.	21.0	38
3	Label-free plasmonic nanostar probes to illuminate in vitro membrane receptor recognition. Chemical Science, 2019, 10, 1807-1815.	7.4	27
4	Protein corona-resistant SERS tags for live cell detection of integrin receptors. Analyst, The, 2019, 144, 5538-5546.	3.5	18
5	Towards quantitative point of care detection using SERS lateral flow immunoassays. Analytical and Bioanalytical Chemistry, 2022, 414, 4541-4549.	3.7	16
6	Surface Enhanced Raman Scattering Selectivity in Proteins Arises from Electron Capture and Resonant Enhancement of Radical Species. Journal of Physical Chemistry C, 2020, 124, 9548-9558.	3.1	14
7	From Raman to SESORRS: moving deeper into cancer detection and treatment monitoring. Chemical Communications, 2021, 57, 12436-12451.	4.1	14
8	Tomographic Imaging and Localization of Nanoparticles in Tissue Using Surface-Enhanced Spatially Offset Raman Spectroscopy. ACS Applied Materials & Interfaces, 2022, 14, 31613-31624.	8.0	9
9	Resonance Raman detection of antioxidants using an iron oxide nanoparticle catalysed decolourisation assay. Analyst, The, 2017, 142, 4715-4720.	3.5	7
10	Elucidation of the structure of supramolecular polymorphs in peptide nanofibres using Raman spectroscopy. Journal of Raman Spectroscopy, 2021, 52, 1108-1114.	2.5	3
11	SERS nanotags for folate receptor Î± detection at the single cell level: discrimination of overexpressing cells and potential for live cell applications. Analyst, The, 2022, 147, 3328-3339.	3.5	3