

Lauren E Jamieson

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6700464/publications.pdf>

Version: 2024-02-01

29
papers

1,260
citations

430874

18
h-index

477307

29
g-index

30
all docs

30
docs citations

30
times ranked

2384
citing authors

#	ARTICLE	IF	CITATIONS
1	THEM6-mediated reprogramming of lipid metabolism supports treatment resistance in prostate cancer. <i>EMBO Molecular Medicine</i> , 2022, 14, e14764.	6.9	12
2	Noninvasive Detection of Ischemic Vascular Damage in a Pig Model of Liver Donation After Circulatory Death. <i>Hepatology</i> , 2021, 74, 428-443.	7.3	7
3	Raman spectroscopic analysis of skin as a diagnostic tool for Human African Trypanosomiasis. <i>PLoS Pathogens</i> , 2021, 17, e1010060.	4.7	7
4	2,4-dienoyl-CoA reductase regulates lipid homeostasis in treatment-resistant prostate cancer. <i>Nature Communications</i> , 2020, 11, 2508.	12.8	108
5	A new class of ratiometric small molecule intracellular pH sensors for Raman microscopy. <i>Analyst, The</i> , 2020, 145, 5289-5298.	3.5	27
6	NMR chemical shifts of urea loaded copper benzoate. A joint solid-state NMR and DFT study. <i>Solid State Nuclear Magnetic Resonance</i> , 2019, 101, 31-37.	2.3	17
7	Raman spectroscopy investigation of biochemical changes in tumor spheroids with aging and after treatment with staurosporine. <i>Journal of Biophotonics</i> , 2019, 12, e201800201.	2.3	6
8	Lymphomas driven by Epstein-Barr virus nuclear antigen-1 (EBNA1) are dependant upon Mdm2. <i>Oncogene</i> , 2018, 37, 3998-4012.	5.9	25
9	Through tissue imaging of a live breast cancer tumour model using handheld surface enhanced spatially offset resonance Raman spectroscopy (SESORRS). <i>Chemical Science</i> , 2018, 9, 3788-3792.	7.4	45
10	Tracking intracellular uptake and localisation of alkyne tagged fatty acids using Raman spectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 197, 30-36.	3.9	29
11	Ratiometric analysis using Raman spectroscopy as a powerful predictor of structural properties of fatty acids. <i>Royal Society Open Science</i> , 2018, 5, 181483.	2.4	43
12	Towards establishing a minimal nanoparticle concentration for applications involving surface enhanced spatially offset resonance Raman spectroscopy (SESORRS) <i>in vivo</i> . <i>Analyst, The</i> , 2018, 143, 5358-5363.	3.5	10
13	Surface enhanced resonance Raman spectroscopy (SERRS) for probing through plastic and tissue barriers using a handheld spectrometer. <i>Analyst, The</i> , 2018, 143, 5965-5973.	3.5	23
14	Ratiometric Raman imaging reveals the new anti-cancer potential of lipid targeting drugs. <i>Chemical Science</i> , 2018, 9, 6935-6943.	7.4	19
15	Multiplex imaging of live breast cancer tumour models through tissue using handheld surface enhanced spatially offset resonance Raman spectroscopy (SESORRS). <i>Chemical Communications</i> , 2018, 54, 8530-8533.	4.1	26
16	Bioanalytical Measurements Enabled by Surface-Enhanced Raman Scattering (SERS) Probes. <i>Annual Review of Analytical Chemistry</i> , 2017, 10, 415-437.	5.4	71
17	Through barrier detection of ethanol using handheld Raman spectroscopy—Conventional Raman versus spatially offset Raman spectroscopy (SORRS). <i>Journal of Raman Spectroscopy</i> , 2017, 48, 1828-1838.	2.5	18
18	SERS Detection of Multiple Antimicrobial-Resistant Pathogens Using Nanosensors. <i>Analytical Chemistry</i> , 2017, 89, 12666-12673.	6.5	170

#	ARTICLE	IF	CITATIONS
19	Surface-enhanced Raman spectroscopy for in vivo biosensing. <i>Nature Reviews Chemistry</i> , 2017, 1, .	30.2	325
20	Ultrasensitive and towards single molecule SERS: general discussion. <i>Faraday Discussions</i> , 2017, 205, 291-330.	3.2	11
21	SERS in biology/biomedical SERS: general discussion. <i>Faraday Discussions</i> , 2017, 205, 429-456.	3.2	22
22	Analytical SERS: general discussion. <i>Faraday Discussions</i> , 2017, 205, 561-600.	3.2	14
23	Vibrational spectroscopy as a tool for studying drug-cell interaction: Could high throughput vibrational spectroscopic screening improve drug development?. <i>Vibrational Spectroscopy</i> , 2017, 91, 16-30.	2.2	44
24	SERS as a tool for in vitro toxicology. <i>Faraday Discussions</i> , 2016, 187, 501-520.	3.2	7
25	Targeted SERS nanosensors measure physicochemical gradients and free energy changes in live 3D tumor spheroids. <i>Nanoscale</i> , 2016, 8, 16710-16718.	5.6	23
26	Biofluids and other techniques: general discussion. <i>Faraday Discussions</i> , 2016, 187, 575-601.	3.2	11
27	Single cell analysis/data handling: general discussion. <i>Faraday Discussions</i> , 2016, 187, 299-327.	3.2	4
28	SERS-based monitoring of the intracellular pH in endothelial cells: the influence of the extracellular environment and tumour necrosis factor- α . <i>Analyst</i> , The, 2015, 140, 2321-2329.	3.5	72
29	High-resolution solid-state ^{13}C NMR spectroscopy of the paramagnetic metal-organic frameworks, STAM-1 and HKUST-1. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 919-929.	2.8	64