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List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

29 papers	868 citations	15 h-index	29 g-index
30 ext. papers	1,080 ext. citations	7 avg, IF	4.46 L-index

#	Paper	IF	Citations
29	Surface-enhanced Raman spectroscopy for in vivo biosensing. <i>Nature Reviews Chemistry</i> , 2017 , 1,	34.6	234
28	SERS Detection of Multiple Antimicrobial-Resistant Pathogens Using Nanosensors. <i>Analytical Chemistry</i> , 2017 , 89, 12666-12673	7.8	122
27	SERS-based monitoring of the intracellular pH in endothelial cells: the influence of the extracellular environment and tumour necrosis factor- α . <i>Analyst, The</i> , 2015 , 140, 2321-9	5	67
26	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, 919-29	3.6	56
25	Bioanalytical Measurements Enabled by Surface-Enhanced Raman Scattering (SERS) Probes. <i>Annual Review of Analytical Chemistry</i> , 2017 , 10, 415-437	12.5	51
24	2,4-dienoyl-CoA reductase regulates lipid homeostasis in treatment-resistant prostate cancer. <i>Nature Communications</i> , 2020 , 11, 2508	17.4	39
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 ²¹	3.1	35
22	Ratiometric analysis using Raman spectroscopy as a powerful predictor of structural properties of fatty acids. <i>Royal Society Open Science</i> , 2018 , 5, 181483	3.3	32
21	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	9.4	29
20	Targeted SERS nanosensors measure physicochemical gradients and free energy changes in live 3D tumor spheroids. <i>Nanoscale</i> , 2016 , 8, 16710-16718	7.7	19
19	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	4.4	18
18	Lymphomas driven by Epstein-Barr virus nuclear antigen-1 (EBNA1) are dependant upon Mdm2. <i>Oncogene</i> , 2018 , 37, 3998-4012	9.2	17
17	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	5.8	17
16	Through barrier detection of ethanol using handheld Raman spectroscopy. Conventional Raman versus spatially offset Raman spectroscopy (SORS). <i>Journal of Raman Spectroscopy</i> , 2017 , 48, 1828-1838 ^{2.3}	2.3	16
15	SERS in biology/biomedical SERS: general discussion. <i>Faraday Discussions</i> , 2017 , 205, 429-456	3.6	15
14	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	5	15
13	Ratiometric Raman imaging reveals the new anti-cancer potential of lipid targeting drugs. <i>Chemical Science</i> , 2018 , 9, 6935-6943	9.4	12

12	A new class of ratiometric small molecule intracellular pH sensors for Raman microscopy. <i>Analyst, The</i> , 2020 , 145, 5289-5298	5	11
11	Biofluids and other techniques: general discussion. <i>Faraday Discussions</i> , 2016 , 187, 575-601	3.6	10
10	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	3.1	9
9	Ultrasensitive and towards single molecule SERS: general discussion. <i>Faraday Discussions</i> , 2017 , 205, 291-330	3.6	9
8	Analytical SERS: general discussion. <i>Faraday Discussions</i> , 2017 , 205, 561-600	3.6	9
7	SERS as a tool for in vitro toxicology. <i>Faraday Discussions</i> , 2016 , 187, 501-20	3.6	7
6	Towards establishing a minimal nanoparticle concentration for applications involving surface enhanced spatially offset resonance Raman spectroscopy (SESORRS) in vivo. <i>Analyst, The</i> , 2018 , 143, 5358-5363	5	7
5	Single cell analysis/data handling: general discussion. <i>Faraday Discussions</i> , 2016 , 187, 299-327	3.6	4
4	Raman spectroscopic analysis of skin as a diagnostic tool for Human African Trypanosomiasis. <i>PLoS Pathogens</i> , 2021 , 17, e1010060	7.6	2
3	THEM6-mediated reprogramming of lipid metabolism supports treatment resistance in prostate cancer.. <i>EMBO Molecular Medicine</i> , 2022 , e14764	12	2
2	Noninvasive Detection of Ischemic Vascular Damage in a Pig Model of Liver Donation After Circulatory Death. <i>Hepatology</i> , 2021 , 74, 428-443	11.2	2
1	Raman spectroscopy investigation of biochemical changes in tumor spheroids with aging and after treatment with staurosporine. <i>Journal of Biophotonics</i> , 2019 , 12, e201800201	3.1	2