Liang-da Chiu

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6309090/publications.pdf

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17	526	687363 13	996975 15
papers	citations	h-index	g-index

17	17	17	891
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Using redox-sensitive mitochondrial cytochrome Raman bands for label-free detection of mitochondrial dysfunction. Analyst, The, 2019, 144, 2531-2540.	3.5	33
2	Cell type discrimination based on image features of molecular component distribution. Scientific Reports, 2018, 8, 11726.	3.3	8
3	Rapid in vivo lipid/carbohydrate quantification of single microalgal cell by Raman spectral imaging to reveal salinity-induced starch-to-lipid shift. Biotechnology for Biofuels, 2017, 10, 9.	6.2	37
4	Protein expression guided chemical profiling of living cells by the simultaneous observation of Raman scattering and anti-Stokes fluorescence emission. Scientific Reports, 2017, 7, 43569.	3.3	13
5	Non-label immune cell state prediction using Raman spectroscopy. Scientific Reports, 2016, 6, 37562.	3.3	63
6	Structured line illumination Raman microscopy. Nature Communications, 2015, 6, 10095.	12.8	90
7	Visualizing the appearance and disappearance of the attractor of differentiation using Raman spectral imaging. Scientific Reports, 2015, 5, 11358.	3.3	19
8	Dualâ€polarization Raman spectral imaging to extract overlapping molecular fingerprints of living cells. Journal of Biophotonics, 2015, 8, 546-554.	2.3	16
9	Time-lapse Raman imaging of osteoblast differentiation. Scientific Reports, 2015, 5, 12529.	3.3	44
10	Visualizing Cell State Transition Using Raman Spectroscopy. PLoS ONE, 2014, 9, e84478.	2.5	85
11	In situ Raman imaging of osteoblastic mineralization. Journal of Raman Spectroscopy, 2014, 45, 157-161.	2.5	13
12	Polarised Raman imaging of living cells for chemical contrast manipulation. , 2013, , .		4
13	On the origin of the 1602 cm^{â€“1} Raman band of yeasts; contribution of ergosterol. Journal of Biophotonics, 2012, 5, 724-728.	2.3	34
14	Use of a white light supercontinuum laser for confocal interferenceâ€reflection microscopy. Journal of Microscopy, 2012, 246, 153-159.	1.8	16
15	The â€œRaman spectroscopic signature of lifeâ€is closely related to haem function in budding yeasts. Journal of Biophotonics, 2011, 4, 30-33.	2.3	13
16	2P321 On the Origin of the "Raman Spectroscopic Signature of Life(The 48th Annual Meeting of the) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.1	0
17	Study of the â€˜Raman spectroscopic signature of lifeâ€™ in mitochondria isolated from budding yeast. Journal of Raman Spectroscopy, 2010, 41, 2-3.	2.5	38