

# Liang-da Chiu

## List of Publications by Year in descending order

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

Version: 2024-02-01

17  
papers

526  
citations

687363

13  
h-index

996975

15  
g-index

17  
all docs

17  
docs citations

17  
times ranked

891  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structured line illumination Raman microscopy. Nature Communications, 2015, 6, 10095.	12.8	90
2	Visualizing Cell State Transition Using Raman Spectroscopy. PLoS ONE, 2014, 9, e84478.	2.5	85
3	Non-label immune cell state prediction using Raman spectroscopy. Scientific Reports, 2016, 6, 37562.	3.3	63
4	Time-lapse Raman imaging of osteoblast differentiation. Scientific Reports, 2015, 5, 12529.	3.3	44
5	Study of the "Raman spectroscopic signature of life"™ in mitochondria isolated from budding yeast. Journal of Raman Spectroscopy, 2010, 41, 2-3.	2.5	38
6	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
7	On the origin of the 1602 cm <sup>-1</sup> Raman band of yeasts; contribution of ergosterol. Journal of Biophotonics, 2012, 5, 724-728.	2.3	34
8	Using redox-sensitive mitochondrial cytochrome Raman bands for label-free detection of mitochondrial dysfunction. Analyst, The, 2019, 144, 2531-2540.	3.5	33
9	Visualizing the appearance and disappearance of the attractor of differentiation using Raman spectral imaging. Scientific Reports, 2015, 5, 11358.	3.3	19
10	Use of a white light supercontinuum laser for confocal interference-reflection microscopy. Journal of Microscopy, 2012, 246, 153-159.	1.8	16
11	Dual-polarization Raman spectral imaging to extract overlapping molecular fingerprints of living cells. Journal of Biophotonics, 2015, 8, 546-554.	2.3	16
12	The "Raman spectroscopic signature of life" is closely related to haem function in budding yeasts. Journal of Biophotonics, 2011, 4, 30-33.	2.3	13
13	<i>In situ</i> Raman imaging of osteoblastic mineralization. Journal of Raman Spectroscopy, 2014, 45, 157-161.	2.5	13
14	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
15	Cell type discrimination based on image features of molecular component distribution. Scientific Reports, 2018, 8, 11726.	3.3	8
16	Polarised Raman imaging of living cells for chemical contrast manipulation. , 2013, , .		4
17	2P321 On the Origin of the "Raman Spectroscopic Signature of Life(The 48th Annual Meeting of the Tj ETQq1 1 0.784314 rgBT /Overlo	0.1	0