

# Sung-Tong Chin

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/7068673/sung-tong-chin-publications-by-citations.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

35  
papers

1,088  
citations

21  
h-index

32  
g-index

37  
ext. papers

1,230  
ext. citations

6.3  
avg, IF

4.57  
L-index

#	Paper	IF	Citations
35	Multidimensional gas chromatography. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2012</b> , 34, 1-21	14.6	194
34	Identification of potent odourants in wine and brewed coffee using gas chromatography-olfactometry and comprehensive two-dimensional gas chromatography. <i>Journal of Chromatography A</i> , <b>2011</b> , 1218, 7487-98	4.5	85
33	Characterisation of capillary ionic liquid columns for gas chromatography-mass spectrometry analysis of fatty acid methyl esters. <i>Analytica Chimica Acta</i> , <b>2013</b> , 803, 166-73	6.6	65
32	Multidimensional gas chromatography beyond simple volatiles separation. <i>Chemical Communications</i> , <b>2014</b> , 50, 8819-33	5.8	50
31	Application of integrated comprehensive/multidimensional gas chromatography with mass spectrometry and olfactometry for aroma analysis in wine and coffee. <i>Food Chemistry</i> , <b>2015</b> , 185, 355-61	8.5	46
30	Assessment of a Noninvasive Exhaled Breath Test for the Diagnosis of Oesophagogastric Cancer. <i>JAMA Oncology</i> , <b>2018</b> , 4, 970-976	13.4	45
29	Review of the role and methodology of high resolution approaches in aroma analysis. <i>Analytica Chimica Acta</i> , <b>2015</b> , 854, 1-12	6.6	37
28	Rapid Profiling of Animal-Derived Fatty Acids Using Fast GC [GC Coupled to Time-of-Flight Mass Spectrometry. <i>JAOCs, Journal of the American Oil Chemists Society</i> , <b>2009</b> , 86, 949-958	1.8	36
27	Identification of odour-active compounds of pasteurised orange juice using multidimensional gas chromatography techniques. <i>Food Research International</i> , <b>2015</b> , 75, 281-288	7	33
26	System design for integrated comprehensive and multidimensional gas chromatography with mass spectrometry and olfactometry. <i>Analytical Chemistry</i> , <b>2012</b> , 84, 9154-62	7.8	33
25	Breath Volatile Organic Compound Profiling of Colorectal Cancer Using Selected Ion Flow-tube Mass Spectrometry. <i>Annals of Surgery</i> , <b>2019</b> , 269, 903-910	7.8	31
24	Benchmarking of candidate detectors for multiresidue analysis of pesticides by comprehensive two-dimensional gas chromatography. <i>Journal of Chromatography A</i> , <b>2013</b> , 1311, 140-8	4.5	30
23	The microfluidic Deans switch: 50 years of progress, innovation and application. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2016</b> , 82, 35-54	14.6	30
22	Integrated multidimensional and comprehensive 2D GC analysis of fatty acid methyl esters. <i>Journal of Separation Science</i> , <b>2013</b> , 36, 878-85	3.4	29
21	Effect of thermal processing and storage condition on the flavour stability of spray-dried durian powder. <i>LWT - Food Science and Technology</i> , <b>2010</b> , 43, 856-861	5.4	27
20	Observations on comprehensive two dimensional gas chromatography coupled with flame photometric detection for sulfur- and phosphorus-containing compounds. <i>Analytical Methods</i> , <b>2010</b> , 2, 243	3.2	27
19	Evaluation of comprehensive two-dimensional gas chromatography with accurate mass time-of-flight mass spectrometry for the metabolic profiling of plant-fungus interaction in <i>Aquilaria malaccensis</i> . <i>Journal of Chromatography A</i> , <b>2015</b> , 1387, 104-15	4.5	26

18	From Molecular Structures of Ionic Liquids to Predicted Retention of Fatty Acid Methyl Esters in Comprehensive Two-Dimensional Gas Chromatography. <i>ChemPlusChem</i> , <b>2014</b> , 79, 790-797	2.8	24
17	Identification of aroma-active volatiles in banana Terra spirit using multidimensional gas chromatography with simultaneous mass spectrometry and olfactometry detection. <i>Journal of Chromatography A</i> , <b>2015</b> , 1388, 227-35	4.5	23
16	Cumulative solid phase microextraction sampling for gas chromatography-olfactometry of Shiraz wine. <i>Journal of Chromatography A</i> , <b>2012</b> , 1255, 221-7	4.5	23
15	Evaluation of fast enantioselective multidimensional gas chromatography methods for monoterpene compounds: Authenticity control of Australian tea tree oil. <i>Journal of Chromatography A</i> , <b>2015</b> , 1406, 307-15	4.5	21
14	Enantiomeric separation in comprehensive two-dimensional gas chromatography with accurate mass analysis. <i>Chirality</i> , <b>2014</b> , 26, 747-53	2.1	20
13	Universal method for online enrichment of target compounds in capillary gas chromatography using in-oven cryotrapping. <i>Analytical Chemistry</i> , <b>2011</b> , 83, 6485-92	7.8	20
12	Simultaneous deconvolution and re-construction of primary and secondary overlapping peak clusters in comprehensive two-dimensional gas chromatography. <i>Journal of Chromatography A</i> , <b>2011</b> , 1218, 2301-10	4.5	19
11	Enantiomeric distribution of selected terpenes for authenticity assessment of Australian Melaleuca alternifolia oil. <i>Industrial Crops and Products</i> , <b>2015</b> , 67, 475-483	5.9	17
10	Cross-platform mass spectrometry annotation in breathomics of oesophageal-gastric cancer. <i>Scientific Reports</i> , <b>2018</b> , 8, 5139	4.9	16
9	Mass-Spectrometry Analysis of Mixed-Breath, Isolated-Bronchial-Breath, and Gastric-Endoluminal-Air Volatile Fatty Acids in Esophagogastric Cancer. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 3740-3746	7.8	13
8	Profiling of soil fatty acids using comprehensive two-dimensional gas chromatography with mass spectrometry detection. <i>Journal of Chromatography A</i> , <b>2013</b> , 1317, 239-45	4.5	13
7	Advanced gas chromatography and mass spectrometry technologies for fatty acids and triacylglycerols analysis. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2020</b> , 129, 115957	14.6	12
6	Evaluation of reversible interconversion in comprehensive two-dimensional gas chromatography using enantioselective columns in first and second dimensions. <i>Journal of Chromatography A</i> , <b>2015</b> , 1404, 104-14	4.5	9
5	Multi-column trajectory to advanced methods in comprehensive two-dimensional gas chromatography. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2018</b> , 106, 11-20	14.6	9
4	Techniques and application in comprehensive multidimensional gas chromatography - mass spectrometry. <i>Journal of Chromatography A</i> , <b>2021</b> , 1636, 461788	4.5	9
3	Introducing Students to Gas Chromatography-Mass Spectrometry Analysis and Determination of Kerosene Components in a Complex Mixture. <i>Journal of Chemical Education</i> , <b>2016</b> , 93, 742-746	2.4	8
2	Relating pressure tuned coupled column ensembles with the solvation parameter model for tunable selectivity in gas chromatography. <i>Journal of Chromatography A</i> , <b>2016</b> , 1455, 156-162	4.5	6
1	Gas Chromatography-Mass Spectrometry in Odorant Analysis <b>2017</b> , 47-48		2

