Shiladitya Chatterjee

List of Publications by Year
in descending order

10	170	1307594	1372567
papers	citations	7	10
		h-index	g-index

10	10	10	167
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Introduction to near-ambient pressure x-ray photoelectron spectroscopy characterization of various materials. Surface Science Spectra, 2019, 26, .	1.3	51
2	A perspective on two chemometrics tools: PCA and MCR, and introduction of a new one: Pattern recognition entropy (PRE), as applied to XPS and ToF-SIMS depth profiles of organic and inorganic materials. Applied Surface Science, 2018, 433, 994-1017.	6.1	36
3	Carbon dioxide gas, $CO_2(g)$, by near-ambient pressure XPS. Surface Science Spectra, 2019, 26, 014022.	1.3	19
4	Oxygen gas, $O_2(g)$, by near-ambient pressure XPS. Surface Science Spectra, 2019, 26, 014021.	1.3	15
5	Polyallylamine as an Adhesion Promoter for SU-8 Photoresist. Microscopy and Microanalysis, 2016, 22, 964-970.	0.4	14
6	Using pattern recognition entropy to select mass chromatograms to prepare total ion current chromatograms from raw liquid chromatography–mass spectrometry data. Journal of Chromatography A, 2018, 1558, 21-28.	3.7	10
7	Reordered (Sorted) Spectra. A Tool for Understanding Pattern Recognition Entropy (PRE) and Spectra in General. Bulletin of the Chemical Society of Japan, 2018, 91, 824-828.	3.2	9
8	Comprehensive characterisation of ylang-ylang essential oils according to distillation time, origin, and chemical composition using a multivariate approach applied to average mass spectra and segmented average mass spectral data. Journal of Chromatography A, 2020, 1618, 460853.	3.7	7
9	Using Cross-Correlation with Pattern Recognition Entropy to Obtain Reduced Total Ion Current Chromatograms from Raw Liquid Chromatography-Mass Spectrometry Data. Bulletin of the Chemical Society of Japan, 2018, 91, 1775-1780.	3.2	6
10	Informatics analysis of capillary electropherograms of autologously doped and undoped blood. Analytical Methods, 2019, 11, 1868-1878.	2.7	3