J Chance Carter

List of Publications by Year
in descending order

10	142	1651377 6	1526636 10
papers	citations	h-index	g-index

10	10	10	109
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Standoff Detection of Oil and Powder Mixtures at 12 Meters Using a Tunable Quantum Cascade Laser-Based System with a Close Focus Telescope and Uncooled Infrared Detector. Applied Spectroscopy, 2022, 76, 19-27.	1.2	1
2	A Monolithic Spatial Heterodyne Raman Spectrometer: Initial Tests. Applied Spectroscopy, 2021, 75, 57-69.	1.2	12
3	Comparison of Spectroscopic Techniques for Determining the Peroxide Value of 19 Classes of Naturally Aged, Plant-Based Edible Oils. Applied Spectroscopy, 2021, 75, 000370282199450.	1.2	6
4	A demonstration of spatial heterodyne spectrometers for remote LIBS, Raman spectroscopy, and 1D imaging. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2021, 179, 106108.	1.5	5
5	Improving Prediction of Peroxide Value of Edible Oils Using Regularized Regression Models. Molecules, 2021, 26, 7281.	1.7	8
6	EXPRESS: Comparison of Spectroscopic Techniques for Determining the Peroxide Value of 19 Classes of Naturally Aged, Plant-Based Edible Oils. Applied Spectroscopy, 2020, , 000370282097470.	1.2	1
7	Hyperspectral Raman Imaging Using a Spatial Heterodyne Raman Spectrometer with a Microlens Array. Applied Spectroscopy, 2020, 74, 921-931.	1.2	4
8	Spatial Heterodyne Raman Spectrometer (SHRS) for In Situ Chemical Sensing Using Sapphire and Silica Optical Fiber Raman Probes. Applied Spectroscopy, 2019, 73, 1160-1171.	1.2	6
9	Raman Spectroscopy Using a Spatial Heterodyne Spectrometer: Proof of Concept. Applied Spectroscopy, 2011, 65, 849-857.	1.2	68
10	Some new uses for filtered fiber-optic Raman probes:in situ drug identification andin situ and remote Raman imaging. Journal of Raman Spectroscopy, 1999, 30, 795-805.	1.2	31