

Frank C Smith

List of Publications by Year in descending order

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6
papers

113
citations

1478505

6
h-index

1872680

6
g-index

6
all docs

6
docs citations

6
times ranked

181
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel multivariate curve resolution-alternating least squares (MCR-ALS) methodology for application in hyperspectral Raman imaging analysis. <i>Analyst, The</i> , 2019, 144, 5425-5438.	3.5	27
2	Multivariate Curve Resolution-Alternating Least Squares (MCR-ALS) with Raman Imaging Applied to Lunar Meteorites. <i>Applied Spectroscopy</i> , 2018, 72, 404-419.	2.2	20
3	Raman microspectroscopic mapping with multivariate curve resolution-alternating least squares (MCR-ALS) of the high-pressure, $\text{I}\pm\text{-PbO}_2$ -structured polymorph of titanium dioxide, $\text{TiO}_2\text{-II}$. <i>Chemical Data Collections</i> , 2017, 9-10, 35-43.	2.3	10
4	Raman Microspectroscopic Mapping with Multivariate Curve Resolution-Alternating Least Squares (MCR-ALS) Applied to the High-Pressure Polymorph of Titanium Dioxide, $\text{TiO}_2\text{-II}$. <i>Applied Spectroscopy</i> , 2017, 71, 1816-1833.	2.2	18
5	Spatial and spectral resolution of carbonaceous material from hematite ($\text{I}\pm\text{-Fe}_2\text{O}_3$) using multivariate curve resolution-alternating least squares (MCR-ALS) with Raman microspectroscopic mapping: implications for the search for life on Mars. <i>Analyst, The</i> , 2017, 142, 3140-3156.	3.5	20
6	Shock-metamorphosed rutile grains containing the high-pressure polymorph $\text{TiO}_2\text{-II}$ in four Neoproterozoic spherule layers. <i>Geology</i> , 2016, 44, 775-778.	4.4	18