

Robert D Speller

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

163
citations

1478505

6
h-index

1474206

9
g-index

12
all docs

12
docs citations

12
times ranked

128
citing authors

#	ARTICLE	IF	CITATIONS
1	Energy dispersive X-ray diffraction as a means to identify illicit materials: A preliminary optimisation study. Applied Radiation and Isotopes, 2007, 65, 959-967.	1.5	60
2	Multivariate Data Analysis for Drug Identification Using Energy-Dispersive X-Ray Diffraction. IEEE Transactions on Nuclear Science, 2009, 56, 1459-1464.	2.0	31
3	Multivariate analysis of energy dispersive X-ray diffraction data for the detection of illicit drugs in border control. Crime Science, 2017, 6, .	2.8	19
4	Correlation of X-ray diffraction signatures of breast tissue and their histopathological classification. Scientific Reports, 2017, 7, 12998.	3.3	14
5	Neutron/gamma pulse shape discrimination in EJ-299-34 at high flux. , 2015, , .		11
6	Multivariate calibration of energy-dispersive X-ray diffraction data for predicting the composition of pharmaceutical tablets in packaging. Journal of Pharmaceutical and Biomedical Analysis, 2018, 151, 186-193.	2.8	8
7	Improved X-ray computed tomography reconstruction of the largest fragment of the Antikythera Mechanism, an ancient Greek astronomical calculator. PLoS ONE, 2018, 13, e0207430.	2.5	8
8	A multi-method assessment of 3D printed micromorphological osteological features. International Journal of Legal Medicine, 2022, 136, 1391-1406.	2.2	6
9	Hybrid Angular- and Energy-Dispersive X-ray Diffraction Computed Tomography. , 2018, , .		2
10	Spatial resolution of drug crystallisation in the skin by X-ray micro-computed tomography. Micron, 2021, 145, 103045.	2.2	2
11	Sensitive X-ray Detectors Synthesised from CsPbBr ₃ . , 2019, , .		1
12	Determination of ingredients in packaged pharmaceutical tablets by energy dispersive X-ray diffraction and maximum likelihood principal component analysis multivariate curve resolution alternating least squares with correlation constraint. Journal of Chemometrics, 2021, 35, e3329.	1.3	1