

# Robert D Speller

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/995811/publications.pdf>

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