

# Rachel C Irlam

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4134160/publications.pdf>

Version: 2024-02-01

6  
papers

76  
citations

1684188  
5  
h-index

1872680  
6  
g-index

6  
all docs

6  
docs citations

6  
times ranked

78  
citing authors

#	ARTICLE	IF	CITATIONS
1	A miniaturized passive sampling-based workflow for monitoring chemicals of emerging concern in water. <i>Science of the Total Environment</i> , 2022, 839, 156260.	8.0	10
2	Trace multi-class organic explosives analysis in complex matrices enabled using LEGO <sup>®</sup> -inspired clickable 3D-printed solid phase extraction block arrays. <i>Journal of Chromatography A</i> , 2020, 1629, 461506.	3.7	15
3	Improved determination of femtogram-level organic explosives in multiple matrices using dual-sorbent solid phase extraction and liquid chromatography-high resolution accurate mass spectrometry. <i>Talanta</i> , 2019, 203, 65-76.	5.5	24
4	Targeted and non-targeted forensic profiling of black powder substitutes and gunshot residue using gradient ion chromatography “ high resolution mass spectrometry (IC-HRMS). <i>Analytica Chimica Acta</i> , 2019, 1072, 1-14.	5.4	12
5	Sorbent Film-Coated Passive Samplers for Explosives Vapour Detection Part A: Materials Optimisation and Integration with Analytical Technologies. <i>Scientific Reports</i> , 2018, 8, 5815.	3.3	10
6	Sorbent Film-Coated Passive Samplers for Explosives Vapour Detection Part B: Deployment in Semi-Operational Environments and Alternative Applications. <i>Scientific Reports</i> , 2018, 8, 5816.	3.3	5