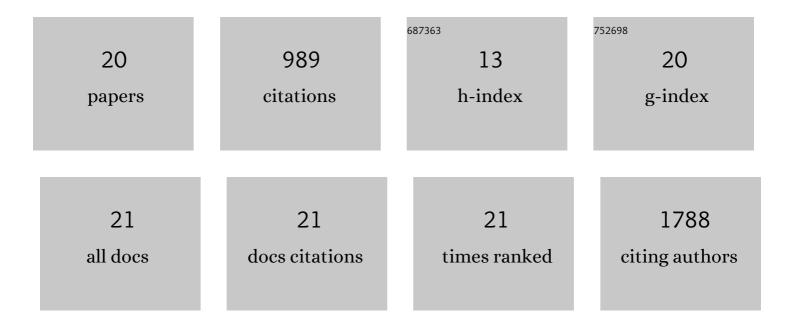
## Emily F Smith

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5155220/publications.pdf Version: 2024-02-01



**FMILV F SMITH** 

#	Article	IF	CITATIONS
1	lonic Liquids in Vacuo:Â Analysis of Liquid Surfaces Using Ultra-High-Vacuum Techniques. Langmuir, 2006, 22, 9386-9392.	3.5	230
2	Ionic liquids in vacuo; solution-phase X-ray photoelectron spectroscopy. Chemical Communications, 2005, , 5633.	4.1	213
3	Biomaterial modification of urinary catheters with antimicrobials to give long-term broadspectrum antibiofilm activity. Journal of Controlled Release, 2015, 202, 57-64.	9.9	130
4	Supramolecular networks stabilise and functionalise black phosphorus. Nature Communications, 2017, 8, 1385.	12.8	72
5	Hexagonal Boron Nitride Tunnel Barriers Grown on Graphite by High Temperature Molecular Beam Epitaxy. Scientific Reports, 2016, 6, 34474.	3.3	60
6	Additive manufacture of complex 3D Au-containing nanocomposites by simultaneous two-photon polymerisation and photoreduction. Scientific Reports, 2017, 7, 17150.	3.3	46
7	Intensity calibration and sensitivity factors for XPS instruments with monochromatic Ag Lα and Al Kα sources. Surface and Interface Analysis, 2019, 51, 763-773.	1.8	37
8	Versailles Project on Advanced Materials and Standards Interlaboratory Study on Measuring the Thickness and Chemistry of Nanoparticle Coatings Using XPS and LEIS. Journal of Physical Chemistry C, 2016, 120, 24070-24079.	3.1	33
9	An antimicrobial impregnated urinary catheter that reduces mineral encrustation and prevents colonisation by multi-drug resistant organisms for up to 12 weeks. Acta Biomaterialia, 2019, 90, 157-168.	8.3	30
10	Additive Manufacture of Three Dimensional Nanocomposite Based Objects through Multiphoton Fabrication. Polymers, 2016, 8, 325.	4.5	24
11	Versailles Project on Advanced Materials and Standards interlaboratory study on intensity calibration for x-ray photoelectron spectroscopy instruments using low-density polyethylene. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2020, 38, 063208.	2.1	21
12	Further developments in quantitative X-ray photoelectron spectromicroscopy: preliminary results from the study of germanium corrosion. Surface and Interface Analysis, 2006, 38, 69-75.	1.8	20
13	Atomic charges of sulfur in ionic liquids: experiments and calculations. Faraday Discussions, 2017, 206, 183-201.	3.2	20
14	An ARXPS and ERXPS study of quaternary ammonium and phosphonium ionic liquids: utilising a high energy Ag Lα′ X-ray source. Physical Chemistry Chemical Physics, 2016, 18, 6122-6131.	2.8	11
15	Sample rotation improves gas cluster sputter depth profiling of polymers. Surface and Interface Analysis, 2017, 49, 953-959.	1.8	11
16	Directly bonding antimicrobial peptide mimics to steel and the real world applications of these materials. Materials Science and Engineering C, 2019, 102, 299-304.	7.3	10
17	Reverse Semi ombustion Driven by Titanium Dioxide″onic Liquid Hybrid Photocatalyst. ChemSusChem, 2020, 13, 5580-5585.	6.8	8
18	The Often-Overlooked Power of Summary Statistics in Exploratory Data Analysis: Comparison of Pattern Recognition Entropy (PRE) to Other Summary Statistics and Introduction of Divided Spectrum-PRE (DS-PRE). Journal of Chemical Information and Modeling, 2021, 61, 4173-4189.	5.4	7

#	Article	IF	CITATIONS
19	Surface characterization of pre-formed alginate fibres incorporated with a protein by a novel entrapment process. Surface and Interface Analysis, 2005, 37, 1077-1081.	1.8	3
20	Synthesis and thermoelectric properties of 2- and 2,8-substituted tetrathiotetracenes. Journal of Materials Chemistry C, 2018, 6, 3403-3409.	5.5	3