

Emily F Smith

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

989
citations

687335

13
h-index

752679

20
g-index

21
all docs

21
docs citations

21
times ranked

1788
citing authors

#	ARTICLE	IF	CITATIONS
1	Ionic Liquids in Vacuo: A Analysis of Liquid Surfaces Using Ultra-High-Vacuum Techniques. <i>Langmuir</i> , 2006, 22, 9386-9392.	3.5	230
2	Ionic liquids in vacuo; solution-phase X-ray photoelectron spectroscopy. <i>Chemical Communications</i> , 2005, , 5633.	4.1	213
3	Biomaterial modification of urinary catheters with antimicrobials to give long-term broadspectrum antibiofilm activity. <i>Journal of Controlled Release</i> , 2015, 202, 57-64.	9.9	130
4	Supramolecular networks stabilise and functionalise black phosphorus. <i>Nature Communications</i> , 2017, 8, 1385.	12.8	72
5	Hexagonal Boron Nitride Tunnel Barriers Grown on Graphite by High Temperature Molecular Beam Epitaxy. <i>Scientific Reports</i> , 2016, 6, 34474.	3.3	60
6	Additive manufacture of complex 3D Au-containing nanocomposites by simultaneous two-photon polymerisation and photoreduction. <i>Scientific Reports</i> , 2017, 7, 17150.	3.3	46
7	Intensity calibration and sensitivity factors for XPS instruments with monochromatic Ag L ₂₃ and Al K ₁ sources. <i>Surface and Interface Analysis</i> , 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. <i>Journal of Physical Chemistry C</i> , 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. <i>Acta Biomaterialia</i> , 2019, 90, 157-168.	8.3	30
10	Additive Manufacture of Three Dimensional Nanocomposite Based Objects through Multiphoton Fabrication. <i>Polymers</i> , 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. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2020, 38, 063208.	2.1	21
12	Further developments in quantitative X-ray photoelectron spectromicroscopy: preliminary results from the study of germanium corrosion. <i>Surface and Interface Analysis</i> , 2006, 38, 69-75.	1.8	20
13	Atomic charges of sulfur in ionic liquids: experiments and calculations. <i>Faraday Discussions</i> , 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 L ₂₃ X-ray source. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 6122-6131.	2.8	11
15	Sample rotation improves gas cluster sputter depth profiling of polymers. <i>Surface and Interface Analysis</i> , 2017, 49, 953-959.	1.8	11
16	Directly bonding antimicrobial peptide mimics to steel and the real world applications of these materials. <i>Materials Science and Engineering C</i> , 2019, 102, 299-304.	7.3	10
17	Reverse Semi-Combustion Driven by Titanium Dioxide-Ionic Liquid Hybrid Photocatalyst. <i>ChemSusChem</i> , 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). <i>Journal of Chemical Information and Modeling</i> , 2021, 61, 4173-4189.	5.4	7

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