

# Andrew C Spowage

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9141978/publications.pdf>

Version: 2024-02-01

24  
papers

1,232  
citations

933447

10  
h-index

1058476

14  
g-index

24  
all docs

24  
docs citations

24  
times ranked

1142  
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterisation of dissimilar joints in laser welding of steelâ€“kovar, copperâ€“steel and copperâ€“aluminium. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2004, 374, 224-233.	5.6	332
2	Residual stress and surface roughness when facing age hardened Inconel 718 with CBN and ceramic cutting tools. International Journal of Machine Tools and Manufacture, 2004, 44, 879-887.	13.4	228
3	Surface integrity when machining age hardened Inconel 718 with coated carbide cutting tools. International Journal of Machine Tools and Manufacture, 2004, 44, 1481-1491.	13.4	211
4	Review of Control and Sensor System of Flexible Manipulator. Journal of Intelligent and Robotic Systems: Theory and Applications, 2015, 77, 187-213.	3.4	210
5	Influence of microstructure on ultraprecision grinding of cemented carbides. International Journal of Machine Tools and Manufacture, 2004, 44, 533-543.	13.4	89
6	Investigating the effect of deforming temperature on the oil-binding capacity of palm oil based shortening. Journal of Food Engineering, 2013, 118, 90-99.	5.2	32
7	Image segmentation and analysis for porosity measurement. Journal of Materials Processing Technology, 2007, 192-193, 391-396.	6.3	30
8	Ultraprecision grinding of tungsten carbide for spherical mirrors. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2004, 218, 419-429.	2.4	19
9	Planar nanogrinding of a fine grained WC-Co composite for an optical surface finish. International Journal of Advanced Manufacturing Technology, 2005, 26, 766-773.	3.0	18
10	Development of characterisation methodologies for macroporous materials. Journal of Porous Materials, 2006, 13, 431-438.	2.6	14
11	Local sensor system for badminton smash analysis. , 2009, , .		11
12	Well Integrity - Moving from Firefighting to Strategic Planning. , 2014, , .		9
13	Characterization of Nanoprecipitation Mechanisms During Isochronal Aging of a Pseudo-binary Al-8.7Åat.Åpct Li Alloy. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2011, 42, 227-230.	2.2	7
14	Developing and evaluating a project management methodology (PMM) for university-industry collaborative projects. Product Management & Development, 2011, 9, 121-135.	0.4	6
15	Project management methodology requirements for use in undergraduate engineering research projects. , 2008, , .		4
16	The Production Benefits of Effective Well Integrity Management. , 2016, , .		3
17	Management of Well Integrity Across Divested Upstream Assets. , 2018, , .		3
18	EFFECT OF SURFACE FINISHES ON THE THICKNESS AND MORPHOLOGY OF THE INTERMETALLIC LAYER IN LEAD-FREE SOLDER JOINTS. International Journal of Nanoscience, 2004, 03, 803-813.	0.7	2

#	ARTICLE	IF	CITATIONS
19	Effect of stress on interfacial intermetallic compound development of Sn-Ag-Cu lead-free solder joint on Au/Ni/Cu substrate. , 0, , .		2
20	Quantitative materials analysis of micro devices using absorption-based thickness measurements. Journal of Physics: Conference Series, 2006, 28, 91-94.	0.4	2
21	The Use of Modern Microscopic Techniques in Evaluation of Polyphthalamide and Polybutylene Terephthalate Injection Moulded Parts for Electroless Plating. Materials Science Forum, 2003, 437-438, 459-462.	0.3	0
22	CHARACTERIZATION OF NANOSTRUCTURES IN BULK ALLOYS BY ELECTRICAL RESISTIVITY MEASUREMENTS. International Journal of Nanoscience, 2004, 03, 715-721.	0.7	0
23	Stress Effect on Growth of IMCs at Interfaces Between Sn-Ag-Cu Lead Free Solder and Cu Substrate. , 0, , .		0
24	Educating engineers in the art, science and practice of project management: - A new course. , 2008, , .		0