

Alan Cottenden

List of Publications by Year in descending order

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12
papers

141
citations

1478505

6
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

186
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | A theoretical evaluation of fibre-optic evanescent wave absorption in spectroscopy and sensors. Optics and Lasers in Engineering, 2006, 44, 93-101. | 3.8 | 33 |
| 2 | In vivo estimation of water diffusivity in occluded human skin using terahertz reflection spectroscopy. Journal of Biophotonics, 2019, 12, e201800145. | 2.3 | 31 |
| 3 | An Approximate Theoretical Model of Surface Plasmon Resonance Optical Waveguide and Fibre-optic Sensors. Optical and Quantum Electronics, 2005, 37, 1129-1140. | 3.3 | 18 |
| 4 | Is it Feasible to Use Incontinence-Associated Dermatitis Assessment Tools in Routine Clinical Practice in the Long-term Care Setting?. Journal of Wound, Ostomy and Continence Nursing, 2015, 42, 379-388. | 1.0 | 18 |
| 5 | An Exploratory Study of Skin Problems Experienced by UK Nursing Home Residents Using Different Pad Designs. Journal of Wound, Ostomy and Continence Nursing, 2015, 42, 621-631. | 1.0 | 12 |
| 6 | Development and psychometric evaluation of ICIQ-PadPROM: A quality of life questionnaire to assess the treatment effect of absorbent continence products. Neurourology and Urodynamics, 2018, 37, 1650-1657. | 1.5 | 8 |
| 7 | Quantifying the Frictional Forces between Skin and Nonwoven Fabrics. Frontiers in Physiology, 2017, 8, 107. | 2.8 | 6 |
| 8 | An International Continence Society (ICS) report on the terminology for single-use body worn absorbent incontinence products. Neurourology and Urodynamics, 2020, 39, 2031-2039. | 1.5 | 6 |
| 9 | Friction between a surrogate skin (Lorica Soft) and nonwoven fabrics used in hygiene products. Surface Topography: Metrology and Properties, 2016, 4, 034010. | 1.6 | 4 |
| 10 | An experimental study of friction between volar forearm skin and nonwoven fabrics used in disposable absorbent products for incontinence. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2019, 233, 35-47. | 1.8 | 3 |
| 11 | An investigation of laboratory test methods for predicting the in-use leakage performance of urine-absorbing aids in nursing homes. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2019, 233, 23-34. | 1.8 | 2 |
| 12 | Incontinence pads: Predicting their leakage performance using laboratory tests. , 1992, , . | | 0 |