

Patricia M Davidson

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

88
papers

2,807
citations

19
h-index

52
g-index

155
ext. papers

3,416
ext. citations

3.8
avg, IF

5.63
L-index

#	Paper	IF	Citations
88	Nuclear envelope rupture and repair during cancer cell migration. <i>Science</i> , 2016 , 352, 353-8	33.3	710
87	The interaction of cells and bacteria with surfaces structured at the nanometre scale. <i>Acta Biomaterialia</i> , 2010 , 6, 3824-46	10.8	619
86	Broken nuclei--lamins, nuclear mechanics, and disease. <i>Trends in Cell Biology</i> , 2014 , 24, 247-56	18.3	193
85	Nuclear deformability constitutes a rate-limiting step during cell migration in 3-D environments. <i>Cellular and Molecular Bioengineering</i> , 2014 , 7, 293-306	3.9	184
84	Microstructured Surfaces Cause Severe but Non-Detrimental Deformation of the Cell Nucleus. <i>Advanced Materials</i> , 2009 , 21, 3586-3590	24	90
83	Design of a microfluidic device to quantify dynamic intra-nuclear deformation during cell migration through confining environments. <i>Integrative Biology (United Kingdom)</i> , 2015 , 7, 1534-46	3.7	83
82	A Chemomechanical Model for Nuclear Morphology and Stresses during Cell Transendothelial Migration. <i>Biophysical Journal</i> , 2016 , 111, 1541-1552	2.9	82
81	Non-pharmacological management interventions for chronic obstructive pulmonary disease: an overview of Cochrane Reviews. <i>The Cochrane Library</i> , 2021 , 2021,	5.2	78
80	Directing nuclear deformation on micropillared surfaces by substrate geometry and cytoskeleton organization. <i>Biomaterials</i> , 2013 , 34, 2991-3001	15.6	73
79	The importance of clinical leadership in the hospital setting. <i>Journal of Healthcare Leadership</i> , 2014 , 75	2.6	67
78	A social-ecological framework: A model for addressing ethical practice in nursing. <i>Journal of Clinical Nursing</i> , 2018 , 27, e1233-e1241	3.2	58
77	Polycaprolactone-block-poly(ethylene oxide) micelles: a nanodelivery system for 17beta-estradiol. <i>Molecular Pharmaceutics</i> , 2005 , 2, 519-27	5.6	43
76	Fibronectin layers by matrix-assisted pulsed laser evaporation from saline buffer-based cryogenic targets. <i>Acta Biomaterialia</i> , 2011 , 7, 3780-8	10.8	41
75	Topographically induced self-deformation of the nuclei of cells: dependence on cell type and proposed mechanisms. <i>Journal of Materials Science: Materials in Medicine</i> , 2010 , 21, 939-46	4.5	41
74	The use of Midline Catheters in the Adult Acute Care Setting [Clinical Implications and Recommendations for Practice 2011 , 16, 35-41		35
73	High-throughput microfluidic micropipette aspiration device to probe time-scale dependent nuclear mechanics in intact cells. <i>Lab on A Chip</i> , 2019 , 19, 3652-3663	7.2	27
72	Beyond the ceiling effect: Using a mixed methods approach to measure patient satisfaction. <i>International Journal of Multiple Research Approaches</i> , 2011 , 5, 52-63	0.5	23

71	Nesprin-2 accumulates at the front of the nucleus during confined cell migration. <i>EMBO Reports</i> , 2020 , 21, e49910	6.5	21
70	Actin on and around the Nucleus. <i>Trends in Cell Biology</i> , 2021 , 31, 211-223	18.3	19
69	Establishing a Nurse-Led Central Venous Catheter Insertion Service 2010 , 15, 21-27		17
68	Inorganic-organic thin implant coatings deposited by lasers. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 911-20	9.5	16
67	Definition of a simple statistical parameter for the quantification of orientation in two dimensions: application to cells on grooves of nanometric depths. <i>Acta Biomaterialia</i> , 2010 , 6, 2590-8	10.8	16
66	Nesprins are mechanotransducers that discriminate epithelial-mesenchymal transition programs. <i>Journal of Cell Biology</i> , 2020 , 219,	7.3	16
65	Assays to measure nuclear mechanics in interphase cells. <i>Current Protocols in Cell Biology</i> , 2012 , Chapter 22, Unit22.16	2.3	14
64	Actomyosin, vimentin and LINC complex pull on osteosarcoma nuclei to deform on micropillar topography. <i>Biomaterials</i> , 2020 , 234, 119746	15.6	14
63	International Perspectives of Nurses, Midwives and Allied Health Professionals Clinical Academic Roles: Are We at Tipping Point?. <i>International Journal of Practice-Based Learning in Health and Social Care</i> , 2019 , 7, 1-15	1.9	12
62	Delirium point prevalence studies in inpatient settings: A systematic review and meta-analysis. <i>Journal of Clinical Nursing</i> , 2020 , 29, 2083-2092	3.2	10
61	Different surface sensing of the cell body and nucleus in healthy primary cells and in a cancerous cell line on nanogrooves. <i>Biointerphases</i> , 2015 , 10, 031004	1.8	9
60	Thin films of vitronectin transferred by MAPLE. <i>Applied Physics A: Materials Science and Processing</i> , 2011 , 105, 611-617	2.6	9
59	Diagnostic delay in Crohn's disease. <i>Pediatric Surgery International</i> , 1992 , 7, 171	2.1	7
58	Factors associated with caregiving appraisal of informal caregivers: A systematic review. <i>Journal of Clinical Nursing</i> , 2020 , 29, 3201-3221	3.2	6
57	Barriers and facilitators to a good death in heart failure: An integrative review. <i>Collegian</i> , 2019 , 26, 651-665	6.6	6
56	Hypertension among adults living in Haiti: An integrative review. <i>Journal of Clinical Nursing</i> , 2018 , 27, 2536-2545	3.2	5
55	Response to comment on The interaction of cells and bacteria with surfaces structures at the nanoscale <i>Acta Biomaterialia</i> , 2011 , 7, 1936-1937	10.8	5
54	Primary health care content in Australian undergraduate nursing curricula. <i>Collegian</i> , 2020 , 27, 271-280	1.6	5

53	Nurses' attitudes, beliefs and practices on sexuality for cardiovascular care: A cross-sectional study. <i>Journal of Clinical Nursing</i> , 2019 , 28, 980-986	3.2	5
52	Building Nursing Leadership Capacity: An Australian Snapshot. <i>Nurse Leader</i> , 2015 , 13, 36-39	1	4
51	The Role of the World Health Organization Collaborating Centers: Perspectives of Future Global Nurse Leaders. <i>Nurse Leader</i> , 2015 , 13, 44-48	1	4
50	Nurse educators in Australia: High job satisfaction despite role ambiguity. <i>Journal of Nursing Education and Practice</i> , 2015 , 5,	0.3	4
49	Factors to drive clinical practice improvement in a Malaysian intensive care unit: Assessment of organisational readiness using a mixed method approach. <i>International Journal of Multiple Research Approaches</i> , 2011 , 5, 104-121	0.5	4
48	Diuretic therapy in chronic heart failure: Implications for heart failure nurse specialists. <i>Australian Critical Care</i> , 2003 , 16, 59-69	2.9	4
47	Access and referral to palliative care for patients with chronic heart failure: A qualitative study of healthcare professionals. <i>Journal of Clinical Nursing</i> , 2020 , 29, 1576-1589	3.2	3
46	mHealth education interventions in heart failure. <i>The Cochrane Library</i> , 2015 ,	5.2	3
45	The Role of Practice Nurses in an Integrated Model of Cardiovascular Disease Management in Australian General Practice. <i>Australian Journal of Primary Health</i> , 2006 , 12, 34	1.4	3
44	The Self-Care of Heart Failure Index: A psychometric study. <i>Journal of Clinical Nursing</i> , 2020 , 29, 645-652	3.2	3
43	Workforce management and patient outcomes in the intensive care unit during the COVID-19 pandemic and beyond: a discursive paper. <i>Journal of Clinical Nursing</i> , 2021 ,	3.2	3
42	Non-pharmacological management interventions for COPD: an overview of Cochrane systematic reviews. <i>The Cochrane Library</i> , 2013 ,	5.2	2
41	The role of culture in quality improvement in the intensive care unit: A literature review. <i>Journal of Hospital Administration</i> , 2012 , 2, 97	0.3	2
40	Action Research as a Mixed Methods Design: a Palliative Approach in Residential Aged Care 2009 , 195-216		2
39	Inhospital Study: Do older people, carers and nurses share the same priorities of care in the acute aged care setting?. <i>International Journal of Multiple Research Approaches</i> , 2011 , 5, 76-88	0.5	2
38	Interventions by Heart Failure Nurse Specialist: Potential for Reducing Hospital Admissions. <i>Journal of Cardiac Failure</i> , 2006 , 12, S133	3.3	2
37	Perianal disease in childhood Crohn's disease: frequency, characteristics, and prognostic significance. <i>Pediatric Surgery International</i> , 1992 , 7, 174	2.1	2
36	Improving hypertension knowledge, medication adherence, and blood pressure control: A feasibility study. <i>Journal of Clinical Nursing</i> , 2021 , 30, 2960-2967	3.2	2

35	Low lamin A levels enhance confined cell migration and metastatic capacity in breast cancer		2
34	Social determinants of hypertension and diabetes among African immigrants: the African immigrants health study. <i>Ethnicity and Health</i> , 2021 , 1-13	2.2	2
33	Unintended consequences of quality improvement programs on the prevention of hospital-acquired conditions: Avoiding the temptation to bite into low-hanging fruit. <i>Journal of Patient Safety and Risk Management</i> , 2018 , 23, 123-127	1.3	2
32	Inhibition of HIV infection by structural proteins of the inner nuclear membrane is associated with reduced chromatin dynamics. <i>Cell Reports</i> , 2021 , 36, 109763	10.6	2
31	Prevalence of SARS-CoV-2 antibodies among nurses: A systematic review and meta-analysis. <i>Journal of Clinical Nursing</i> , 2021 ,	3.2	2
30	Social media and drug resistance in nursing training: Using a Twitterchat to develop an international community of practice for antimicrobial resistance. <i>Journal of Clinical Nursing</i> , 2020 , 29, 2723-2729	3.2	1
29	Severe Deformations of Malignant Bone and Skin Cells, as well as Aged Cells, on Micropatterned Surfaces 2013 , 469-489		1
28	Disease management interventions for improving self-management in lower-limb peripheral arterial disease. <i>The Cochrane Library</i> , 2012 ,	5.2	1
27	An overview of risk prediction models and the implications for nursing practice. <i>British Journal of Cardiac Nursing</i> , 2012 , 7, 259-265	0.2	1
26	Identifying the Onset of Depression Following an Acute Cardiac Event: Improvement of Health Outcomes Through Optimal Timing of Assessment and Interventions. <i>Heart Lung and Circulation</i> , 2008 , 17, S76-S77	1.8	1
25	High-throughput microfluidic micropipette aspiration device to probe time-scale dependent nuclear mechanics in intact cells		1
24	Global digital social learning as a strategy to promote engagement in the era of COVID-19. <i>Journal of Clinical Nursing</i> , 2021 , 30, 2366-2372	3.2	1
23	Leveraging the trust of nurses to advance a digital agenda in Europe: a critical review of health policy literature. <i>Open Research Europe</i> , 1, 26		1
22	A 10-year evaluation of projects in a doctor of nursing practice programme. <i>Journal of Clinical Nursing</i> , 2020 , 29, 4090-4103	3.2	0
21	Percutaneous Endoscopic Gastrostomy 2013 , 57-64		0
20	Global cardiovascular health. <i>British Journal of Cardiac Nursing</i> , 2015 , 10, 526-526	0.2	0
19	Strategies for culturally safe research with Native American communities: An integrative review.. <i>Contemporary Nurse</i> , 2021 , 1-58	1.5	0
18	Bibliotherapy for improving caregiving appraisal of informal caregivers of people with dementia: A pilot randomized controlled trial. <i>Research in Nursing and Health</i> , 2021 , 44, 692-703	2	0

17	Heart analytics: Analytical modeling of cardiovascular care. <i>Naval Research Logistics</i> , 2021 , 68, 30-43	1.5	o
16	A review of inpatient nursing workload measures. <i>Journal of Clinical Nursing</i> , 2021 , 30, 1799-1809	3.2	o
15	Prevalence and Onset of Depression in Women After an Acute Cardiac Event. <i>Heart Lung and Circulation</i> , 2008 , 17, S77	1.8	
14	Illness perceptions influence involvement in rehabilitation programs and adoption of lifestyle changes following acute myocardial infarction. <i>Australian Occupational Therapy Journal</i> , 2007 , 54, 318-319 ⁷		
13	Effectiveness of general practice nurse interventions in cardiac risk factor reduction among adults. <i>International Journal of Evidence-Based Healthcare</i> , 2007 , 5, 269-295	2.6	
12	Effectiveness of brief structured interventions on risk factor modification for patients with coronary heart disease. <i>International Journal of Evidence-Based Healthcare</i> , 2007 , 5, 370-405	2.6	
11	Practice Nursing in Australia: Whose Responsibility?. <i>Collegian</i> , 2007 , 14, 2-3	1.6	
10	Hepatic surgery. <i>Pediatric Surgery International</i> , 1988 , 3, 375	2.1	
9	Pancreatic problems: An experimental model. <i>Journal of Pediatric Surgery</i> , 1986 , 21, 255-256	2.6	
8	Evolution of practice nursing in Australia. <i>Journal of Advanced Nursing</i> , 2006 , 061120072802012-???	3.1	
7	Case Study: A Chinese Immigrant Seeks Health Care in Australia 2018 , 381-386		
6	Patient, Provider and System Factors Impacting on the Diagnosis and Management of Lung Cancer Care in Australia. <i>Journal of Cancer Therapy</i> , 2012 , 03, 406-411	0.2	
5	End-of-life care 2012 , 154-166		
4	Patient, provider and system factors influencing rehospitalisation in adults with heart failure: a literature review.. <i>Contemporary Nurse</i> , 2772-2798	1.5	
3	Maintaining Hope in Transition: Critical to the Work of All Nurses 2021 , 89-99		
2	41250 Machine Learning to Identify Predictors of Iatrogenic Injury Using Empirical Bayes Estimates: A Cohort Study of Pressure Injury Prevention. <i>Journal of Clinical and Translational Science</i> , 2021 , 5, 49-49 ^{0.4}		
1	Generating key practice points that enable optimal palliative care in acute hospitals: Results from the OPAL project's mid-point meta-inference. <i>International Journal of Nursing Studies Advances</i> , 2021 , 3, 100035	5.5	