

Hilaire J Thompson

List of Publications by Year in descending order

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Version: 2024-02-01

131
papers

4,196
citations

126907

33
h-index

133252

59
g-index

132
all docs

132
docs citations

132
times ranked

5161
citing authors

#	ARTICLE	IF	CITATIONS
1	Traumatic Brain Injury in Older Adults: Epidemiology, Outcomes, and Future Implications. <i>Journal of the American Geriatrics Society</i> , 2006, 54, 1590-1595.	2.6	492
2	Lateral Fluid Percussion Brain Injury: A 15-Year Review and Evaluation. <i>Journal of Neurotrauma</i> , 2005, 22, 42-75.	3.4	487
3	Hyperthermia following traumatic brain injury: a critical evaluation. <i>Neurobiology of Disease</i> , 2003, 12, 163-173.	4.4	152
4	Framing the evidence for health smart homes and home-based consumer health technologies as a public health intervention for independent aging: A systematic review. <i>International Journal of Medical Informatics</i> , 2013, 82, 565-579.	3.3	149
5	Smartphone Applications to Support Sleep Self-Management: Review and Evaluation. <i>Journal of Clinical Sleep Medicine</i> , 2018, 14, 1783-1790.	2.6	115
6	Examining Health Informationâ€ Seeking Behaviors of Older Adults. <i>CIN - Computers Informatics Nursing</i> , 2013, 31, 547-553.	0.5	112
7	Maslowâ€™s Hierarchy of Human Needs and the Adoption of Health-Related Technologies for Older Adults. <i>Ageing International</i> , 2012, 37, 470-488.	1.3	100
8	Ethical Considerations Regarding the Use of Smart Home Technologies for Older Adults: An Integrative Review. <i>Annual Review of Nursing Research</i> , 2016, 34, 155-181.	0.7	84
9	Ex VivoGene Therapy Using Targeted Engraftment of NGF-Expressing Human NT2N Neurons Attenuates Cognitive Deficits Following Traumatic Brain Injury in Mice. <i>Journal of Neurotrauma</i> , 2004, 21, 1723-1736.	3.4	82
10	Evaluation of the effect of intensity of care on mortality after traumatic brain injury. <i>Critical Care Medicine</i> , 2008, 36, 282-290.	0.9	79
11	Frailty. <i>Biological Research for Nursing</i> , 2013, 15, 422-432.	1.9	78
12	Prevalence of Comorbidity and its Association with Traumatic Brain Injury and Outcomes in Older Adults. <i>Research in Gerontological Nursing</i> , 2012, 5, 17-24.	0.6	64
13	Precision health: Advancing symptom and self-management science. <i>Nursing Outlook</i> , 2019, 67, 462-475.	2.6	62
14	Using informatics to capture older adultsâ€™ wellness. <i>International Journal of Medical Informatics</i> , 2013, 82, e232-e241.	3.3	59
15	Differential Effects of the Anticonvulsant Topiramate on Neurobehavioral and Histological Outcomes following Traumatic Brain Injury in Rats. <i>Journal of Neurotrauma</i> , 2004, 21, 501-512.	3.4	58
16	Utilization and Costs of Health Care after Geriatric Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2012, 29, 1864-1871.	3.4	57
17	The management of postâ€operative nausea and vomiting. <i>Journal of Advanced Nursing</i> , 1999, 29, 1130-1136.	3.3	55
18	Older adults' acceptance of a community-based telehealth wellness system. <i>Informatics for Health and Social Care</i> , 2013, 38, 27-36.	2.6	52

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19	Journey towards recovery following physical trauma. <i>Journal of Advanced Nursing</i> , 2000, 32, 1341-1347.	3.3	49
20	Perspectives on wellness self-monitoring tools for older adults. <i>International Journal of Medical Informatics</i> , 2013, 82, 1092-1103.	3.3	48
21	Acceptance and perceived usefulness of robots to assist with activities of daily living and healthcare tasks. <i>Assistive Technology</i> , 2019, 31, 133-140.	2.0	47
22	A Holistic Approach to Assess Older Adults' Wellness Using e-Health Technologies. <i>Telemedicine Journal and E-Health</i> , 2011, 17, 794-800.	2.8	46
23	Development and Validation of the Mortality Risk for Trauma Comorbidity Index. <i>Annals of Surgery</i> , 2010, 252, 370-375.	4.2	45
24	The use of think-aloud and instant data analysis in evaluation research: Exemplar and lessons learned. <i>Journal of Biomedical Informatics</i> , 2015, 56, 284-291.	4.3	45
25	Cognitive Decline and Older Driver Crash Risk. <i>Journal of the American Geriatrics Society</i> , 2018, 66, 1075-1081.	2.6	44
26	Genetics and genomics in nursing: Evaluating Essentials implementation. <i>Nurse Education Today</i> , 2011, 31, 623-627.	3.3	43
27	Comfort and Attitudes Towards Robots Among Young, Middle-Aged, and Older Adults: A Cross-Sectional Study. <i>Journal of Nursing Scholarship</i> , 2018, 50, 623-633.	2.4	43
28	Tissue sparing and functional recovery following experimental traumatic brain injury is provided by treatment with an anti-myelin-associated glycoprotein antibody. <i>European Journal of Neuroscience</i> , 2006, 24, 3063-3072.	2.6	42
29	Traumatic brain injury induces adipokine gene expression in rat brain. <i>Neuroscience Letters</i> , 2008, 432, 73-78.	2.1	42
30	Cognitive outcome following brain injury and treatment with an inhibitor of Nogo-A in association with an attenuated downregulation of hippocampal growth-associated protein-43 expression. <i>Journal of Neurosurgery</i> , 2007, 107, 844-853.	1.6	41
31	Development of Posttraumatic Hyperthermia after Traumatic Brain Injury in Rats is Associated with Increased Periventricular Inflammation. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2005, 25, 163-176.	4.3	40
32	Common Data Elements and Federal Interagency Traumatic Brain Injury Research Informatics System for TBI Research. <i>Annual Review of Nursing Research</i> , 2015, 33, 1-11.	0.7	40
33	The Use of Transitional Care Models in Patients With Stroke. <i>Journal of Neuroscience Nursing</i> , 2015, 47, 223-234.	1.1	37
34	Acute, transient hemorrhagic hypotension does not aggravate structural damage or neurologic motor deficits but delays the long-term cognitive recovery following mild to moderate traumatic brain injury. <i>Critical Care Medicine</i> , 2006, 34, 492-501.	0.9	36
35	Orthopaedic Nurses' Knowledge of Delirium in Older Hospitalized Patients. <i>Orthopaedic Nursing</i> , 2011, 30, 241-248.	0.4	36
36	Intensive care unit management of fever following traumatic brain injury. <i>Intensive and Critical Care Nursing</i> , 2007, 23, 91-96.	2.9	35

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37	Pilot testing a digital pet avatar for older adults. <i>Geriatric Nursing</i> , 2017, 38, 542-547.	1.9	32
38	Relating Older Workers's Injuries to the Mismatch Between Physical Ability and Job Demands. <i>Journal of Occupational and Environmental Medicine</i> , 2017, 59, 212-221.	1.7	31
39	Emerging Smart Home Technologies to Facilitate Engaging With Aging. <i>Journal of Gerontological Nursing</i> , 2019, 45, 41-48.	0.6	31
40	Use of an Internet-of-Things Smart Home System for Healthy Aging in Older Adults in Residential Settings: Pilot Feasibility Study. <i>JMIR Aging</i> , 2020, 3, e21964.	3.0	30
41	Fever: a concept analysis. <i>Journal of Advanced Nursing</i> , 2005, 51, 484-492.	3.3	29
42	An Evaluation of Wellness Assessment Visualizations for Older Adults. <i>Telemedicine Journal and E-Health</i> , 2015, 21, 9-15.	2.8	29
43	Cognitive evaluation of traumatically brain-injured rats using serial testing in the Morris water maze. <i>Restorative Neurology and Neuroscience</i> , 2006, 24, 109-14.	0.7	28
44	Evaluation of a multifunctional technology system in a memory care unit: Opportunities for innovation in dementia care. <i>Informatics for Health and Social Care</i> , 2016, 41, 373-386.	2.6	27
45	From Bedside to Bench and Back Again: Research Issues in Animal Models of Human Disease. <i>Biological Research for Nursing</i> , 2006, 8, 78-88.	1.9	26
46	Fever Management Practices of Neuroscience Nurses. <i>Journal of Neuroscience Nursing</i> , 2007, 39, 151-162.	1.1	26
47	A Qualitative Study Exploring Factors Associated with Provider Adherence to Severe Pediatric Traumatic Brain Injury Guidelines. <i>Journal of Neurotrauma</i> , 2016, 33, 1554-1560.	3.4	25
48	Older Adults's Perceptions of Fall Detection Devices. <i>Journal of Applied Gerontology</i> , 2017, 36, 915-930.	2.0	25
49	Testing a Theory-Based Mobility Monitoring Protocol Using In-Home Sensors: A Feasibility Study. <i>Research in Gerontological Nursing</i> , 2013, 6, 253-263.	0.6	25
50	A Critical Analysis of Measures of Caregiver and Family Functioning Following Traumatic Brain Injury. <i>Journal of Neuroscience Nursing</i> , 2009, 41, 148-158.	1.1	24
51	Clinical management of fever by nurses: doing what works. <i>Journal of Advanced Nursing</i> , 2011, 67, 359-370.	3.3	24
52	Design of smart home sensor visualizations for older adults. <i>Technology and Health Care</i> , 2014, 22, 657-666.	1.2	24
53	Engaging older adults in the visualization of sensor data facilitated by an open platform for connected devices. <i>Technology and Health Care</i> , 2016, 24, 541-550.	1.2	24
54	Examining Korean and Korean American older adults's perceived acceptability of home-based monitoring technologies in the context of culture. <i>Informatics for Health and Social Care</i> , 2017, 42, 61-76.	2.6	24

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55	Hypothermia and Rapid Rewarming Is Associated With Worse Outcome Following Traumatic Brain Injury. <i>Journal of Trauma Nursing: the Official Journal of the Society of Trauma Nurses</i> , 2010, 17, 173-177.	0.5	22
56	Fever Management Practices of Neuroscience Nurses. <i>Journal of Neuroscience Nursing</i> , 2015, 47, 66-75.	1.1	21
57	Feasibility testing of a home-based sensor system to monitor mobility and daily activities in Korean American older adults. <i>International Journal of Older People Nursing</i> , 2017, 12, e12127.	1.3	21
58	Design Recommendations for Recreational Systems Involving Older Adults Living With Dementia. <i>Journal of Applied Gerontology</i> , 2018, 37, 595-619.	2.0	21
59	Real-World Accuracy and Use of a Wearable Fall Detection Device by Older Adults. <i>Journal of the American Geriatrics Society</i> , 2015, 63, 2415-2416.	2.6	18
60	Evidence-Base for Fever Interventions Following Stroke. <i>Stroke</i> , 2015, 46, e98-e100.	2.0	18
61	The Role of Emerging Information Technologies in Frailty Assessment. <i>Research in Gerontological Nursing</i> , 2012, 5, 216-228.	0.6	17
62	Managing the Common Problem of Missing Data in Trauma Studies. <i>Journal of Nursing Scholarship</i> , 2008, 40, 373-378.	2.4	16
63	Innovations in Ph.D. education to prepare nurse scientists for the future. <i>Journal of Professional Nursing</i> , 2021, 37, 212-215.	2.8	16
64	Temperature Rhythm in Aneurysmal Subarachnoid Hemorrhage. <i>Neurocritical Care</i> , 2008, 8, 380-390.	2.4	15
65	Factors associated with employment outcome after critical illness: Systematic review, meta-analysis, and meta-regression. <i>Journal of Advanced Nursing</i> , 2021, 77, 653-663.	3.3	15
66	Not Your "Typical Patient". <i>Journal of Neuroscience Nursing</i> , 2005, 37, 144-149.	1.1	14
67	Integrated data visualisation: an approach to capture older adults' wellness. <i>International Journal of Electronic Healthcare</i> , 2012, 7, 89.	0.3	14
68	IT-based wellness tools for older adults: Design concepts and feedback. <i>Informatics for Health and Social Care</i> , 2018, 43, 142-158.	2.6	14
69	Impact of Age on Plasma Inflammatory Biomarkers in the 6 Months Following Mild Traumatic Brain Injury. <i>Journal of Head Trauma Rehabilitation</i> , 2020, 35, 324-331.	1.7	14
70	A Feasibility Study of Methodological Issues and Short-Term Outcomes in Seriously Injured Older Adults. <i>American Journal of Critical Care</i> , 2006, 15, 158-165.	1.6	14
71	Frailty measurements in hospitalised orthopaedic populations age 65 and older: A scoping review. <i>Journal of Clinical Nursing</i> , 2022, 31, 1149-1163.	3.0	14
72	Traumatic Injury in the Older Adult from Head to Toe. <i>Critical Care Nursing Clinics of North America</i> , 2006, 18, 419-431.	0.8	13

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73	Older adults's attitudes and preferences regarding a multifunctional wellness tool: a pilot study. <i>Informatics for Health and Social Care</i> , 2014, 41, 1-16.	2.6	13
74	Diagnosed dementia and the risk of motor vehicle crash among older drivers. <i>Accident Analysis and Prevention</i> , 2018, 113, 47-53.	5.7	13
75	Concurrent Validity of Postural Sway Measures in Older Adults With Cognitive Impairment. <i>Physical and Occupational Therapy in Geriatrics</i> , 2018, 36, 399-410.	0.4	13
76	IMPACT and CRASH prognostic models for traumatic brain injury: external validation in a South-American cohort. <i>Injury Prevention</i> , 2020, 26, 546-554.	2.4	13
77	Assessing blood granulocyte colony-stimulating factor as a potential biomarker of acute traumatic brain injury in mice and humans. <i>Brain, Behavior, and Immunity</i> , 2016, 52, 81-87.	4.1	12
78	Use of individual development plans for nurse scientist training. <i>Nursing Outlook</i> , 2020, 68, 284-292.	2.6	12
79	Health- and Disease-Related Biomarkers in Aging Research. <i>Research in Gerontological Nursing</i> , 2009, 2, 137-148.	0.6	12
80	Using scenarios and personas to enhance the effectiveness of heuristic usability evaluations for older adults and their care team. <i>Journal of Biomedical Informatics</i> , 2017, 73, 43-50.	4.3	11
81	Understanding Older Adult Use of Data Visualizations as a Resource for Maintaining Health and Wellness. <i>Journal of Applied Gerontology</i> , 2018, 37, 922-939.	2.0	11
82	Modeling the oldest old: personas to design technology-based solutions for older adults. <i>AMIA ... Annual Symposium proceedings</i> , 2011, 2011, 1166-75.	0.2	11
83	Fever Management Practices of Neuroscience Nurses, Part II. <i>Journal of Neuroscience Nursing</i> , 2007, 39, 196-201.	1.1	10
84	A Comparison of Health Visualization Evaluation Techniques with Older Adults. <i>IEEE Computer Graphics and Applications</i> , 2016, 36, 67-77.	1.2	10
85	Predicting hospital outcomes with the reported edmonton frail scale's Thai version in orthopaedic older patients. <i>Journal of Clinical Nursing</i> , 2020, 29, 4708-4719.	3.0	10
86	Comparing information needs of health care providers and older adults: findings from a wellness study. <i>Studies in Health Technology and Informatics</i> , 2013, 192, 18-22.	0.3	10
87	Trust in Health Information Sources Differs between Young/Middle and Oldest Old. <i>American Journal of Health Promotion</i> , 2014, 28, 239-241.	1.7	9
88	Association of Job Characteristics and Functional Impairments on Return to Work After ARDS. <i>Chest</i> , 2021, 160, 509-518.	0.8	9
89	Exploring Diabetic Foot Exam Performance in a Specialty Clinic. <i>Clinical Nursing Research</i> , 2017, 26, 82-92.	1.6	8
90	The novel antiepileptic agent RWJ-333369-A, but not its analog RWJ-333369, reduces regional cerebral edema without affecting neurobehavioral outcome or cell death following experimental traumatic brain injury. <i>Restorative Neurology and Neuroscience</i> , 2007, 25, 77-90.	0.7	8

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91	Review: ginger prevents 24 hour postoperative nausea and vomiting. <i>Evidence-based Nursing</i> , 2006, 9, 80-80.	0.2	7
92	The Use of Think-Aloud to Evaluate a Navigation Structure for a Multimedia Health and Wellness Application for Older Adults and Their Caregivers. <i>Educational Gerontology</i> , 2015, 41, 916-929.	1.3	7
93	Examining age-related differences in functional domain impairment following traumatic brain injury. <i>International Journal of Older People Nursing</i> , 2018, 13, e12208.	1.3	7
94	The Reported Edmonton Frail Scale—Thai version: Development and Validation of a Culturally Sensitive Instrument. <i>Australian Journal of Cancer Nursing</i> , 2020, 22, 685-693.	1.6	7
95	A feasibility study of methodological issues and short-term outcomes in seriously injured older adults. <i>American Journal of Critical Care</i> , 2006, 15, 158-65.	1.6	7
96	Inflammatory, Oxidative Stress, and Cardiac Damage Biomarkers and Radiation-Induced Fatigue in Breast Cancer Survivors. <i>Biological Research for Nursing</i> , 2022, 24, 472-483.	1.9	7
97	Impact of aging on the immune response to traumatic brain injury (Alm:TBI) study protocol. <i>Injury Prevention</i> , 2020, 26, 471-477.	2.4	6
98	Association Between Target Temperature Variability and Neurologic Outcomes for Patients Receiving Targeted Temperature Management at 36°C After Cardiac Arrest: A Retrospective Cohort Study. <i>Therapeutic Hypothermia and Temperature Management</i> , 2021, 11, 103-109.	0.9	6
99	Association of imbalance between job workload and functional ability with return to work in ARDS survivors. <i>Thorax</i> , 2021, , thoraxjnl-2020-216586.	5.6	6
100	Elevated Body Temperature in the Neuroscience Intensive Care Unit. <i>Critical Care Medicine</i> , 2005, 33, 1672.	0.9	5
101	Identifying and Evaluating Electronic Learning Resources for Use in Adult-Gerontology Nurse Practitioner Education. <i>Journal of Professional Nursing</i> , 2014, 30, 155-161.	2.8	5
102	A Systematic Review of Health Dialog Systems. <i>Methods of Information in Medicine</i> , 2019, 58, 179-193.	1.2	5
103	Self-efficacy is associated with better sleep quality and sleep efficiency in adults with subarachnoid hemorrhage. <i>Journal of Clinical Neuroscience</i> , 2020, 73, 173-178.	1.5	5
104	Tree testing of hierarchical menu structures for health applications. <i>Journal of Biomedical Informatics</i> , 2014, 49, 198-205.	4.3	4
105	Sleep intervention for children with asthma and their parents (SKIP Study): a novel web-based shared management pilot study. <i>Journal of Clinical Sleep Medicine</i> , 2020, 16, 925-936.	2.6	4
106	Older Spousal Dyads and the Experience of Recovery in the Year After Traumatic Brain Injury. <i>Journal of Neuroscience Nursing</i> , 2021, Publish Ahead of Print, 57-62.	1.1	4
107	Exploring an informed decision-making framework using in-home sensors: older adults' perceptions. <i>Journal of Innovation in Health Informatics</i> , 2014, 21, 73-77.	0.9	4
108	Methylprednisolone was associated with an increase in death after head injury. <i>Evidence-based Nursing</i> , 2005, 8, 51-51.	0.2	3

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109	Clinical Practice Guideline Series Update. Journal of Neuroscience Nursing, 2011, 43, 233-235.	1.1	3
110	Using Commercially Available Tools for Multifaceted Health Assessment. CIN - Computers Informatics Nursing, 2013, 31, 329-334.	0.5	3
111	Re-Envisioning a DNP Program for Quality and Sustainability. Journal of Professional Nursing, 2017, 33, 194-203.	2.8	3
112	Evaluation of pharmaceutical pictograms by older "œturkers" A cross-sectional crowdsourced study. Research in Social and Administrative Pharmacy, 2021, 17, 1079-1090.	3.0	3
113	Improving Asthma Care Together (IMPACT) mobile health intervention for school-age children with asthma and their parents: a pilot randomised controlled trial study protocol. BMJ Open, 2022, 12, e059791.	1.9	3
114	Clinical Practice Guideline Series Update. Journal of Neuroscience Nursing, 2010, 42, 357-358.	1.1	2
115	Factors Associated with the Development of Persistent Pain after mTBI. Pain Management Nursing, 2021, 22, 592-598.	0.9	2
116	Interrelationships among workload, illness severity, and function on return to work following acute respiratory distress syndrome. Australian Critical Care, 2022, , .	1.3	2
117	Clinical Practice Guideline Series Update. Journal of Neuroscience Nursing, 2011, 43, 116-117.	1.1	1
118	In support of diversity in doctoral nursing education. Journal of Advanced Nursing, 2018, 74, 758-759.	3.3	1
119	Plasma Phospholipid Metabolites Associate With Functional Outcomes Following Mild Traumatic Brain Injury in Older Adults. Biological Research for Nursing, 2021, 23, 127-135.	1.9	1
120	Methods for Estimating Energy Expenditure in Critically Ill Adults. AACN Advanced Critical Care, 2020, 31, 254-264.	1.1	1
121	Clinical Practice Guideline Series Update. Journal of Neuroscience Nursing, 2011, 43, 354.	1.1	0
122	Clinical Practice Guideline Series Update. Journal of Neuroscience Nursing, 2012, 44, 111.	1.1	0
123	Tunneled Pleural Catheter: Treatment for Recurrent Pleural Effusion. AACN Advanced Critical Care, 2018, 29, 432-441.	1.1	0
124	Falls and Cognitive Training 2 (FaCT2) study protocol: a randomised controlled trial exploring cognitive training to reduce risk of falls in at-risk older adults. Injury Prevention, 2020, 26, 370-377.	2.4	0
125	4397 Virtual Reality Meditation for Acute Post-Operative Pain of Inpatient Adults: Preliminary Results. Journal of Clinical and Translational Science, 2020, 4, 152-152.	0.6	0
126	Associations of inflammatory, oxidative stress, and cardiac damage biomarkers and radiation-induced fatigue in breast cancer survivors.. Journal of Clinical Oncology, 2021, 39, 191-191.	1.6	0

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127	Happy Birthday, Mom; Your Card Is Not in the Mail. <i>Research in Gerontological Nursing</i> , 2011, 4, 235-236.	0.6	0
128	Cognitive evaluation of traumatically brain injured rats: a novel paradigm. <i>Communicating Nursing Research</i> , 2006, 39, 73-8.	0.1	0
129	Visualizing Sensor Data through an Open Platform for Connected Devices. <i>Studies in Health Technology and Informatics</i> , 2015, 216, 964.	0.3	0
130	Design of smart home sensor visualizations for older adults. <i>Technology and Health Care</i> , 2014, , .	1.2	0
131	Perceptions of and Experiences with Consumer Sleep Technologies That Use Artificial Intelligence. <i>Sensors</i> , 2022, 22, 3621.	3.8	0