

Nicholas A Tyler

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/995060/publications.pdf>

Version: 2024-02-01

62
papers

3,946
citations

516710

16
h-index

189892

50
g-index

64
all docs

64
docs citations

64
times ranked

4474
citing authors

#	ARTICLE	IF	CITATIONS
1	STEP-UP: Enabling Low-Cost IMU Sensors to Predict the Type of Dementia During Everyday Stair Climbing. <i>Frontiers in Computer Science</i> , 2022, 3, .	2.8	0
2	Powered attendant-propelled wheelchair with assist-as-needed control based on individual physical capabilities. <i>Journal of Biomechanical Science and Engineering</i> , 2021, 16, .	0.3	1
3	The Liveable Cities Method: establishing the case for transformative change for a UK metro. <i>Proceedings of the Institution of Civil Engineers: Engineering Sustainability</i> , 2020, 173, 8-19.	0.7	10
4	Using thematic analysis to explore symbolism in transport choice across national cultures. <i>Transportation</i> , 2020, 47, 607-640.	4.0	16
5	Validation of a Vision-Guided Mobility Assessment for <i>RPE65</i>-Associated Retinal Dystrophy. <i>Translational Vision Science and Technology</i> , 2020, 9, 5.	2.2	18
6	The impact of a passenger-safety-driven acceleration limit on the operation of a bus service. <i>Accident Analysis and Prevention</i> , 2020, 148, 105790.	5.7	7
7	Effects of lighting variability on locomotion in posterior cortical atrophy. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2020, 6, e12077.	3.7	2
8	Detection and localisation of hesitant steps in people with Alzheimer's disease navigating routes of varying complexity. <i>Healthcare Technology Letters</i> , 2019, 6, 42-47.	3.3	11
9	Gauging differences in public transport symbolism across national cultures: implications for policy development and transfer. <i>Journal of Transport Geography</i> , 2019, 77, 26-38.	5.0	22
10	Reducing non-collision injuries aboard buses: Passenger balance whilst climbing the stairs. <i>Safety Science</i> , 2019, 112, 152-161.	4.9	8
11	Reducing non-collision injuries aboard buses: Passenger balance whilst walking on the lower deck. <i>Safety Science</i> , 2018, 105, 128-133.	4.9	19
12	Navigational cue effects in Alzheimer's disease and posterior cortical atrophy. <i>Annals of Clinical and Translational Neurology</i> , 2018, 5, 697-709.	3.7	15
13	Maintaining balance on a moving bus: The importance of three-peak steps whilst walking on the lower-deck. <i>Transportation Research, Part A: Policy and Practice</i> , 2018, 116, 484-496.	4.2	2
14	Maintaining balance on a moving bus: The importance of three-peak steps whilst climbing stairs. <i>Transportation Research, Part A: Policy and Practice</i> , 2018, 116, 339-349.	4.2	5
15	The symbolism of "eco cars"™ across national cultures: Potential implications for policy formulation and transfer. <i>Transportation Research, Part D: Transport and Environment</i> , 2018, 63, 560-575.	6.8	38
16	Environmental Effect of Bus Priority Measures Applied on a Road Network in Santiago, Chile. <i>Transportation Research Record</i> , 2018, 2672, 135-142.	1.9	5
17	Envisioning urban futures as conversations to inform design and research. <i>Proceedings of the Institution of Civil Engineers: Urban Design and Planning</i> , 2018, 171, 146-156.	0.7	9
18	Dataset of the livability performance of the city of Birmingham, UK, as measured by its citizen wellbeing, resource security, resource efficiency and carbon emissions. <i>Data in Brief</i> , 2017, 15, 691-695.	1.0	12

#	ARTICLE	IF	CITATIONS
19	Safety accessibility and sustainability: The importance of micro-scale outcomes to an equitable design of transport systems. <i>IATSS Research</i> , 2017, 41, 57-65.	3.4	10
20	Symbolic transport choice across national cultures: theoretical considerations for research design. <i>Transportation Planning and Technology</i> , 2017, 40, 875-900.	2.0	13
21	On Your Feet to Earn Your Seat: pilot RCT of a theory-based sedentary behaviour reduction intervention for older adults. <i>Pilot and Feasibility Studies</i> , 2017, 3, 23.	1.2	72
22	[P1â€“2022]: USE OF WEARABLE MOTION SENSORS TO ASSESS THE BEHAVIOUR OF ALZHEIMER'S PATIENTS IN SIMULATED DOMESTIC ENVIRONMENTS. <i>Alzheimer's and Dementia</i> , 2017, 13, P167.	0.8	0
23	[P1â€“297]: VISUAL SEARCH ABILITIES OF POSTERIOR CORTICAL ATROPHY AND TYPICAL ALZHEIMER'S DISEASE PATIENTS IN REAL-WORLD SETTINGS. <i>Alzheimer's and Dementia</i> , 2017, 13, P366.	0.8	0
24	[P1â€“619]: EFFECTS OF GROUND LIGHTING UNIFORMITY AND CLUTTER ON NAVIGATIONAL ABILITY IN POSTERIOR CORTICAL ATROPHY AND TYPICAL ALZHEIMER'S DISEASE. <i>Alzheimer's and Dementia</i> , 2017, 13, P534.	0.8	1
25	[P2â€“290]: PRINCIPAL COMPONENT ANALYSIS OF DIFFERENCES IN EYE MOVEMENTS AND LOCOMOTION BETWEEN POSTERIOR CORTICAL ATROPHY AND TYPICAL ALZHEIMER'S DISEASE PATIENTS. <i>Alzheimer's and Dementia</i> , 2017, 13, P726.	0.8	0
26	How Sharing Can Contribute to More Sustainable Cities. <i>Sustainability</i> , 2017, 9, 701.	3.2	22
27	Train design features affecting boarding and alighting of passengers. <i>Journal of Advanced Transportation</i> , 2016, 50, 2077-2088.	1.7	25
28	Constructing a Vision for an "Ideal" Future City: A Conceptual Model for Transformative Urban Planning. <i>Transportation Research Procedia</i> , 2016, 13, 6-17.	1.5	17
29	Towards multi-modal integrated mobility systems: Views from Panama City and Barranquilla. <i>Research in Transportation Economics</i> , 2016, 59, 204-217.	4.1	6
30	The Automatic Detection of Chronic Pain-Related Expression: Requirements, Challenges and the Multimodal EmoPain Dataset. <i>IEEE Transactions on Affective Computing</i> , 2016, 7, 435-451.	8.3	124
31	Effect of vertical step height on boarding and alighting time of train passengers. <i>Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit</i> , 2016, 230, 1234-1241.	2.0	29
32	Travelling in the bus. , 2015, , 279-318.		0
33	Buses and the city. , 2015, , 3-45.		1
34	Propelling load of an attendant propelled wheelchair in ascending and descending. <i>Journal of Biomechanical Science and Engineering</i> , 2015, 10, 14-00439-14-00439.	0.3	3
35	Understanding the Challenges in the Design, Installation, and Commissioning of Biocontainment Doors. <i>Applied Biosafety</i> , 2015, 20, 80-88.	0.5	0
36	Locomotion and eye behaviour under controlled environment in individuals with Alzheimer's disease. , 2015, 2015, 6594-7.		3

#	ARTICLE	IF	CITATIONS
37	Investigating ramp gradients for humps on railway platforms. Proceedings of the Institution of Civil Engineers: Municipal Engineer, 2015, 168, 150-160.	0.7	12
38	Innovative strategies for urban car-sharing systems and a simulator to assess their performance. Transportation Planning and Technology, 2015, 38, 375-391.	2.0	11
39	Long-Term Effect of Gene Therapy on Leber's Congenital Amaurosis. New England Journal of Medicine, 2015, 372, 1887-1897.	27.0	635
40	Time and force required for attendants boarding wheelchair users onto aircraft. International Journal of Industrial Ergonomics, 2015, 48, 167-173.	2.6	6
41	"On Your Feet to Earn Your Seat", a habit-based intervention to reduce sedentary behaviour in older adults: study protocol for a randomized controlled trial. Trials, 2014, 15, 368.	1.6	68
42	Culture and health. Lancet, The, 2014, 384, 1607-1639.	13.7	610
43	The Effects of the Design Factors of the Train-Platform Interface on Pedestrian Flow Rates. , 2014, , 1163-1173.		7
44	A micro-level approach to measuring the accessibility of footways for wheelchair users using the Capability Model. Transportation Planning and Technology, 2013, 36, 636-649.	2.0	16
45	Assisting control for attendant propelled wheelchair based on force velocity relationship. , 2012, 2012, 3073-6.		6
46	What determines commute time choices? A structural equation modelling approach. Transportation Planning and Technology, 2012, 35, 393-408.	2.0	11
47	Reduced dwell times resulting from train's platform improvements: the costs and benefits of improving passenger accessibility to metro trains. Transportation Planning and Technology, 2012, 35, 525-543.	2.0	24
48	Embodiment of Bounded Rationality in Travel Choice. , 2011, , .		0
49	Evaluating accessibility enhancements to public transport including indirect as well as direct benefits. Research in Transportation Business and Management, 2011, 2, 92-100.	2.9	15
50	Load on Shoulder and Elbow Joints During Autonomous Hand-Cycling. Journal of Biomechanical Science and Engineering, 2011, 6, 236-247.	0.3	1
51	Predicting the walking speed of pedestrians on stairs. Transportation Planning and Technology, 2010, 33, 177-202.	2.0	46
52	Influence of Platform Height, Door Width, and Fare Collection on Bus Dwell Time. Transportation Research Record, 2010, 2143, 59-66.	1.9	61
53	Bidirectional collision-avoidance behaviour of pedestrians on stairs. Environment and Planning B: Planning and Design, 2009, 36, 128-148.	1.7	11
54	Effect of Gene Therapy on Visual Function in Leber's Congenital Amaurosis. New England Journal of Medicine, 2008, 358, 2231-2239.	27.0	1,793

#	ARTICLE	IF	CITATIONS
55	Trevithick's Circle. <i>International Journal for the History of Engineering & Technology</i> , 2007, 77, 101-113.	0.6	1
56	Capabilities and Radicalism: Engineering Accessibility in the 21st century. <i>Transportation Planning and Technology</i> , 2006, 29, 331-358.	2.0	14
57	Urban Public Transportation World Review: Challenges and Innovations. <i>Journal of the Urban Planning and Development Division, ASCE</i> , 2005, 131, 57-57.	1.7	2
58	Effect of Passengerâ€“Busâ€“Traffic Interactions on Bus Stop Operations. <i>Transportation Planning and Technology</i> , 2005, 28, 273-292.	2.0	40
59	Microscopic simulation of pedestrians in accessibility evaluation. <i>Transportation Planning and Technology</i> , 2004, 27, 145-180.	2.0	8
60	Practical Experience of Public Participation: Evidence from Methodological Experiments. <i>Innovation: the European Journal of Social Science Research</i> , 2003, 16, 253-270.	1.6	4
61	Analysis of recent trends in bus and coach safety in Britain. <i>Safety Science</i> , 1995, 19, 99-107.	4.9	8
62	The contribution of expert opinion to the design of high capacity bus priority systems. <i>Computers and Structures</i> , 1991, 40, 191-199.	4.4	1