

Koji Kitamura

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9544429/publications.pdf>

Version: 2024-02-01

58
papers

172
citations

1683354

5
h-index

1473754

9
g-index

61
all docs

61
docs citations

61
times ranked

138
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of Relationship between Natural Standing Behavior of Elderly People and a Class of Standing Aids in a Living Space. <i>Sensors</i> , 2022, 22, 1178.	2.1	1
2	Individual and longitudinal trend analysis of stairway gait via ambient measurement using handrail-shaped force sensor. , 2021, , .		0
3	Ambient understanding of stairway ascension and descension by the elderly using a handrail-based force sensor. <i>Procedia Computer Science</i> , 2020, 177, 405-414.	1.2	6
4	Data-driven child behavior prediction system based on posture database for fall accident prevention in a daily living space. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2020, 11, 5845-5855.	3.3	4
5	Complete Republication: Fall Injury while the Parent Is Operating a Bicycle with an Infant in a Baby Carrier. <i>JMA Journal</i> , 2020, 3, 330-339.	0.6	0
6	A matrix analysis of carrying device-related injuries in preschool children. <i>Safety Science</i> , 2019, 115, 199-207.	2.6	2
7	Battery-less shoe-type wearable location sensor system for monitoring people with dementia. , 2019, , .		3
8	Method for Behavior Normalization to Enable Comparative Understanding of Interactions of Elderly Persons with Consumer Products using a Behavior Video Database. <i>Procedia Computer Science</i> , 2019, 160, 409-416.	1.2	4
9	Data-driven prediction system for an environmental smartification approach to child fall accident prevention in a daily living space. <i>Procedia Computer Science</i> , 2019, 160, 126-133.	1.2	4
10	Automatic Learning of Climbing Configuration Space for Digital Human Children Model. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 483-490.	0.5	0
11	PA 05-6-2655â€¦Importance of anchoring soccer goal posts based on scientific evidence. , 2018, , .		0
12	PW 2865â€¦Life jackets are necessary even in shallow rivers: xperiment using a flow-velocity-variable pool. , 2018, , .		0
13	PW 2646â€¦Dynamic prevention of falls from balconies using artificial intelligence cameras. , 2018, , .		0
14	PW 2650â€¦Precision care for the elderly: individualized monitoring of elderly walking behavior using posture and face recognition. , 2018, , .		0
15	PA 04-3-0464â€¦Fall injury in infants while the patient is operating a bicycle. , 2018, , .		1
16	PW 1713â€¦Technology-enhanced community participation in injury preventionâ€œ a new method to design prevention strategies in the digital eraâ€œ. , 2018, , .		0
17	Development of Child Climbing Behavior Video Database. <i>Advances in Intelligent Systems and Computing</i> , 2018, , 340-346.	0.5	1
18	â€œChange the Changeableâ€œFramework for Implementation Research in Health. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
19	PW 1554â€¦AI platform for responding to child maltreatment and simulating future recurrent risk. , 2018, , .		0
20	PW 2175â€¦Fence design with the goal of helping to prevent children from falling from balconies. , 2018, , .		0
21	PW 2651â€¦Prevention of climbing-related injury using an intelligent artificial camera and digital human child model. , 2018, , .		0
22	PW 2612â€¦Behavior video library on how elderly with dementia use consumer products. , 2018, , .		1
23	PA 14-1-1349â€¦Community living lab as a research partner and development of safety goods. , 2018, , .		0
24	Living Function Resilient Service Using a Mock Living Lab and Real Living Labs: Development of Balcony-IoT and Handrail-IoT for Healthcare. Procedia Computer Science, 2017, 113, 121-129.	1.2	7
25	Handrail IoT sensor for precision healthcare of elderly people in smart homes. , 2017, , .		4
26	Prevention of children falls from balconies using RGB-D cameras and a digital human child model. , 2017, , .		0
27	Smart transfer of social problem into industry by linking living data center with social function library: Case study of toothbrush injury prevention. , 2017, , .		0
28	418â€¦Risk assessment of furniture and product layout using injury big data. Injury Prevention, 2016, 22, A153.1-A153.	1.2	2
29	1026â€¦Desing ontology for kids design database. Injury Prevention, 2016, 22, A366.1-A366.	1.2	0
30	745â€¦An analysis of dental trauma among youth baseball athletes utilising school insurance big data in Japan. Injury Prevention, 2016, 22, A267.2-A267.	1.2	0
31	812â€¦Revision of the safety standards for a baby chair utilising injury data. Injury Prevention, 2016, 22, A290.3-A291.	1.2	0
32	99â€¦A new system for sharing and informing serious incidents among multiple nursing facilities. Injury Prevention, 2016, 22, A37.3-A37.	1.2	0
33	813â€¦Development of novel toothbrush to prevent a penetrating injury of children. Injury Prevention, 2016, 22, A291.1-A291.	1.2	2
34	Handrail-Shaped IoT Sensor for Long-Term Monitoring of the Mobility in Elderly People. Advances in Intelligent Systems and Computing, 2016, , 631-638.	0.5	4
35	697â€¦The importance of bikeâ€™s brake adjustment. Injury Prevention, 2016, 22, A250.2-A250.	1.2	0
36	701â€¦Impact analysis of revision of a Japanese safety standard of bicycle wheel guard. Injury Prevention, 2016, 22, A251.3-A252.	1.2	0

#	ARTICLE	IF	CITATIONS
37	658â€¦Smart share of serious injury among schools in the Era of cloud computing. Injury Prevention, 2016, 22, A236.2-A236.	1.2	0
38	Risk Assessment System Based on Integrating Injury Data of Multiple Schools. Procedia Manufacturing, 2015, 3, 1880-1887.	1.9	0
39	Childhood-home-injury-situation Simulation Adaptable to an Individual Environment Based on Child Physical Model and Injury Semantic Structure Database. Procedia Manufacturing, 2015, 3, 1872-1879.	1.9	2
40	Development of a Nursing Care Support System that Seamlessly Monitors Both Bedside and Indoor Locations. Procedia Manufacturing, 2015, 3, 4906-4913.	1.9	3
41	Accident-data-aided design: visualizing typical and potential risks of consumer products by data mining an accident database. , 2013, , .		1
42	Development of a System for Analyzing Common Laceration Generation Mechanisms. , 2013, , .		1
43	Interactive Rock Climbing Playground Equipment: Modeling through Service. Lecture Notes in Computer Science, 2013, , 568-576.	1.0	2
44	Community Participation Support Using an ICF-Based Community Map. Lecture Notes in Computer Science, 2013, , 516-524.	1.0	2
45	A System for Predicting Unprecedented Injury by Spatiotemporally Superimposing Childrenâ€™s Normal Behavior. Journal of Robotics and Mechatronics, 2012, 24, 838-850.	0.5	0
46	Childhood Injury Modeling Based on Injury Data Collected using Bodygraphic Injury Surveillance System. Advances in Human Factors and Ergonomics Series, 2010, , 617-627.	0.2	1
47	Methodology of Everyday Life Computing and Application to Children Injury Prevention. , 2007, , .		5
48	Knowledge acquisition and circulation for childhood injury prevention and safety promotion. , 2007, , .		1
49	Development of Infant Behavior Simulator: Modeling Grasping Achievement Based on Developmental Behavior Model and Environmental Interest Induction Model. Journal of Robotics and Mechatronics, 2005, 17, 705-716.	0.5	14
50	Real world sensorization for observing human behavior and its application to behavior-to-speech. , 2004, , .		4
51	Quick realization of function for detecting human activity events by ultrasonic 3D tag and stereo vision. , 2004, , .		10
52	Transmission electron microscopy observation and optical property of sol-gel derived LiNbO3 films. Journal of Materials Research, 1996, 11, 3152-3157.	1.2	14
53	A 64Kb Ã— 32 DRAM for graphics applications. IBM Journal of Research and Development, 1995, 39, 43-50.	3.2	2
54	X-ray absorption and diffraction investigations of iodine-intercalated conducting Langmuir-Blodgett film. Thin Solid Films, 1994, 243, 415-418.	0.8	5

#	ARTICLE	IF	CITATIONS
55	Molecular Dynamics Simulation of 1,2-Dilauroy1-L-Phosphatidylethanolamine Binding to Phospholipase A2: An Attempt to Explain the Selective Hydrolysis of Substrate Fatty Acid Ester at Position 2. Journal of Biochemistry, 1993, 114, 210-210.	0.9	9
56	Combined DRAM and logic chip for massively parallel systems. , 0, , .		34
57	Infant behavior simulation based on an environmental model and a developmental behavior model*. , 0, , .		8
58	Living Function-Resilient Society in the Centenarian Era: Living Safety Technology Based on Connective, Artificial Intelligence. , 0, , .		1