

# 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

1684188

5  
h-index

1474206

9  
g-index

61  
all docs

61  
docs citations

61  
times ranked

138  
citing authors

#	ARTICLE	IF	CITATIONS
1	Combined DRAM and logic chip for massively parallel systems. , 0, , .		34
2	Transmission electron microscopy observation and optical property of sol-gel derived LiNbO <sub>3</sub> films. Journal of Materials Research, 1996, 11, 3152-3157.	2.6	14
3	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.	1.0	14
4	Quick realization of function for detecting human activity events by ultrasonic 3D tag and stereo vision. , 2004, , .		10
5	Molecular Dynamics Simulation of 1,2-Dilauroyl-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.	1.7	9
6	Infant behavior simulation based on an environmental model and a developmental behavior model*. , 0, , .		8
7	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.	2.0	7
8	Ambient understanding of stairway ascension and descension by the elderly using a handrail-based force sensor. Procedia Computer Science, 2020, 177, 405-414.	2.0	6
9	X-ray absorption and diffraction investigations of iodine-intercalated conducting Langmuir-Blodgett film. Thin Solid Films, 1994, 243, 415-418.	1.8	5
10	Methodology of Everyday Life Computing and Application to Children Injury Prevention. , 2007, , .		5
11	Real world sensorization for observing human behavior and its application to behavior-to-speech. , 2004, , .		4
12	Handrail-Shaped IoT Sensor for Long-Term Monitoring of the Mobility in Elderly People. Advances in Intelligent Systems and Computing, 2016, , 631-638.	0.6	4
13	Handrail IoT sensor for precision healthcare of elderly people in smart homes. , 2017, , .		4
14	Method for Behavior Normalization to Enable Comparative Understanding of Interactions of Elderly Persons with Consumer Products using a Behavior Video Database. Procedia Computer Science, 2019, 160, 409-416.	2.0	4
15	Data-driven prediction system for an environmental smartification approach to child fall accident prevention in a daily living space. Procedia Computer Science, 2019, 160, 126-133.	2.0	4
16	Data-driven child behavior prediction system based on posture database for fall accident prevention in a daily living space. Journal of Ambient Intelligence and Humanized Computing, 2020, 11, 5845-5855.	4.9	4
17	Development of a Nursing Care Support System that Seamlessly Monitors Both Bedside and Indoor Locations. Procedia Manufacturing, 2015, 3, 4906-4913.	1.9	3
18	Battery-less shoe-type wearable location sensor system for monitoring people with dementia. , 2019, , .		3

#	ARTICLE	IF	CITATIONS
19	A 64Kb Ã— 32 DRAM for graphics applications. IBM Journal of Research and Development, 1995, 39, 43-50.	3.1	2
20	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
21	418â€…Risk assessment of furniture and product layout using injury big data. Injury Prevention, 2016, 22, A153.1-A153.	2.4	2
22	813â€…Development of novel toothbrush to prevent a penetrating injury of children. Injury Prevention, 2016, 22, A291.1-A291.	2.4	2
23	A matrix analysis of carrying device-related injuries in preschool children. Safety Science, 2019, 115, 199-207.	4.9	2
24	Interactive Rock Climbing Playground Equipment: Modeling through Service. Lecture Notes in Computer Science, 2013, , 568-576.	1.3	2
25	Community Participation Support Using an ICF-Based Community Map. Lecture Notes in Computer Science, 2013, , 516-524.	1.3	2
26	Knowledge acquisition and circulation for childhood injury prevention and safety promotion. , 2007, , .		1
27	Accident-data-aided design: visualizing typical and potential risks of consumer products by data mining an accident database. , 2013, , .		1
28	Development of a System for Analyzing Common Laceration Generation Mechanisms. , 2013, , .		1
29	PA 04-3-0464â€…Fall injury in infants while the patient is operating a bicycle. , 2018, , .		1
30	Living Function-Resilient Society in the Centenarian Era: Living Safety Technology Based on Connective, Artificial Intelligence. , 0, , .		1
31	Development of Child Climbing Behavior Video Database. Advances in Intelligent Systems and Computing, 2018, , 340-346.	0.6	1
32	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
33	PW 2612â€…Behavior video library on how elderly with dementia use consumer products. , 2018, , .		1
34	Analysis of Relationship between Natural Standing Behavior of Elderly People and a Class of Standing Aids in a Living Space. Sensors, 2022, 22, 1178.	3.8	1
35	Risk Assessment System Based on Integrating Injury Data of Multiple Schools. Procedia Manufacturing, 2015, 3, 1880-1887.	1.9	0
36	1026â€…Desing ontology for kids design database. Injury Prevention, 2016, 22, A366.1-A366.	2.4	0

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37	745â€¦An analysis of dental trauma among youth baseball athletes utilising school insurance big data in Japan. Injury Prevention, 2016, 22, A267.2-A267.	2.4	0
38	812â€¦Revision of the safety standards for a baby chair utilising injury data. Injury Prevention, 2016, 22, A290.3-A291.	2.4	0
39	99â€¦A new system for sharing and informing serious incidents among multiple nursing facilities. Injury Prevention, 2016, 22, A37.3-A37.	2.4	0
40	697â€¦The importance of bikeâ€™s brake adjustment. Injury Prevention, 2016, 22, A250.2-A250.	2.4	0
41	701â€¦Impact analysis of revision of a Japanese safety standard of bicycle wheel guard. Injury Prevention, 2016, 22, A251.3-A252.	2.4	0
42	658â€¦Smart share of serious injury among schools in the Era of cloud computing. Injury Prevention, 2016, 22, A236.2-A236.	2.4	0
43	Prevention of children falls from balconies using RGB-D cameras and a digital human child model. , 2017, , .		0
44	Smart transfer of social problem into industry by linking living data center with social function library: Case study of toothbrush injury prevention. , 2017, , .		0
45	PA 05-6-2655â€¦Importance of anchoring soccer goal posts based on scientific evidence. , 2018, , .		0
46	PW 2865â€¦Life jackets are necessary even in shallow rivers: xperiment using a flow-velocity-variable pool. , 2018, , .		0
47	PW 2646â€¦Dynamic prevention of falls from balconies using artificial intelligence cameras. , 2018, , .		0
48	PW 2650â€¦Precision care for the elderly: individualized monitoring of elderly walking behavior using posture and face recognition. , 2018, , .		0
49	PW 1713â€¦Technology-enhanced community participation in injury preventionâ€”a new method to design prevention strategies in the digital eraâ€”. , 2018, , .		0
50	A System for Predicting Unprecedented Injury by Spatiotemporally Superimposing Childrenâ€™s Normal Behavior. Journal of Robotics and Mechatronics, 2012, 24, 838-850.	1.0	0
51	â€œChange the Changeableâ€•Framework for Implementation Research in Health. , 2018, , .		0
52	Automatic Learning of Climbing Configuration Space for Digital Human Children Model. Advances in Intelligent Systems and Computing, 2019, , 483-490.	0.6	0
53	PW 1554â€¦AI platform for responding to child maltreatment and simulating future recurrent risk. , 2018, , .		0
54	PW 2175â€¦Fence design with the goal of helping to prevent children from falling from balconies. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
55	PW 2651â€¦Prevention of climbing-related injury using an intelligent artificial camera and digital human child model. , 2018, , .		0
56	PA 14-1-1349â€¦Community living lab as a research partner and development of safety goods. , 2018, , .		0
57	Complete Republication: Fall Injury while the Parent Is Operating a Bicycle with an Infant in a Baby Carrier. JMA Journal, 2020, 3, 330-339.	0.8	0
58	Individual and longitudinal trend analysis of stairway gait via ambient measurement using handrail-shaped force sensor. , 2021, , .		0