

# In-Ju Kim

## List of Publications by Year in descending order

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Version: 2024-02-01

45  
papers

748  
citations

623734

14  
h-index

677142

22  
g-index

57  
all docs

57  
docs citations

57  
times ranked

176  
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of surface roughness in the measurement of slipperiness. <i>Ergonomics</i> , 2001, 44, 1200-1216.	2.1	108
2	Microscopic observations of the progressive wear on shoe surfaces that affect the slip resistance characteristics. <i>International Journal of Industrial Ergonomics</i> , 2001, 28, 17-29.	2.6	77
3	Observation of the floor surface topography changes in pedestrian slip resistance measurements. <i>International Journal of Industrial Ergonomics</i> , 2000, 26, 581-601.	2.6	67
4	Functional levels of floor surface roughness for the prevention of slips and falls: Clean-and-dry and soapsuds-covered wet surfaces. <i>Applied Ergonomics</i> , 2013, 44, 58-64.	3.1	62
5	Research on Slip Resistance Measurements&lt;br&gt;â€”A New Challenge. <i>Industrial Health</i> , 2008, 46, 66-76.	1.0	47
6	Wear Observation of Shoe Surfaces: Application for Slip and Fall Safety Assessments. <i>Tribology Transactions</i> , 2015, 58, 407-417.	2.0	42
7	Development of a new analyzing model for quantifying pedestrian slip resistance characteristics: Part Iâ€”Basic concepts and theories. <i>International Journal of Industrial Ergonomics</i> , 2004, 33, 395-401.	2.6	38
8	Identifying shoe wear mechanisms and associated tribological characteristics: Importance for slip resistance evaluation. <i>Wear</i> , 2016, 360-361, 77-86.	3.1	38
9	Development of a new analyzing model for quantifying pedestrian slip resistance characteristics: part IIâ€”Experiments and validations. <i>International Journal of Industrial Ergonomics</i> , 2004, 33, 403-414.	2.6	37
10	A study on wear development of floor surfaces: Impact on pedestrian walkway slip-resistance performance. <i>Tribology International</i> , 2016, 95, 316-323.	5.9	33
11	Investigation of Floor Surface Finishes for Optimal Slip Resistance Performance. <i>Safety and Health at Work</i> , 2018, 9, 17-24.	0.6	33
12	Understanding musculoskeletal disorders among Iranian apple harvesting laborers: Ergonomic and stop watch time studies. <i>International Journal of Industrial Ergonomics</i> , 2018, 67, 32-40.	2.6	27
13	Investigation and Interpretation of Flooring Wear Development for Pedestrian Slip Resistance Assessments. <i>Tribology Transactions</i> , 2018, 61, 168-177.	2.0	23
14	Research to improve extension ladder angular positioning. <i>Applied Ergonomics</i> , 2013, 44, 496-502.	3.1	14
15	Pedestrian Fall Incidence and Slip Resistance Measurements. , 2017, , 17-65.		13
16	Factors Affecting Extension Ladder Angular Positioning. <i>Human Factors</i> , 2012, 54, 334-345.	3.5	12
17	Hospital flooring safety and health: knowledge gaps and suggestions. <i>International Journal of Occupational Safety and Ergonomics</i> , 2021, 27, 1116-1135.	1.9	9
18	The role of surface roughness in the measurement of slipperiness. , 0, , 101-118.		9

#	ARTICLE	IF	CITATIONS
19	Nature of the Shoe Wear. , 2008, , 728-734.		7
20	Comparing Validity and Diagnostic Accuracy of Clarkeâ€™s Angle and Foot Posture Index-6 to Determine Flexible Flatfoot in Adolescents: A Cross-Sectional Investigation. Journal of Multidisciplinary Healthcare, 2021, Volume 14, 2705-2717.	2.7	5
21	Tribological approach for the safety assessment of flooring/walkway surfaces: Application for the prevention of pedestrian fall incidence. Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology, 2021, 235, 2200-2210.	1.8	5
22	Wear Progression of Shoe Heels during Slip Resistance Measurements. Proceedings of the Human Factors and Ergonomics Society, 2000, 44, 498-501.	0.3	4
23	Understanding Friction and Wear Behaviours of Smooth Resilient Surfaces: Application for Pedestrian Fall Safety Improvements. Advances in Materials Science and Engineering, 2018, 2018, 1-10.	1.8	4
24	Safety Assessments of Ablution Floors in Mosques: : Measurements of slip resistance performance and surface features. , 2019, , .		4
25	A Pilot Study on Ablution Space Safety in Mosques : Slip-resistance assessments of ablution floorings from a viewpoint of fall incidents. , 2019, , .		3
26	A Practical Design Search for Optimal Floor Surface Finishesâ€™A Case Study. , 2017, , 199-224.		3
27	Safety Overview of Ablution Spaces in the UAE Mosques: A Randomised Survey in Three Cities. , 2020, , .		2
28	Investigation of Fall Hazards from Ablution Floors of Mosques in the UAE: Assessments of Traction and Texture Features and Their Effects on Slipperiness. , 2020, , .		2
29	Emerging safety risks from public facilities: a field study for ablution spaces in mosques. Facilities, 2021, 39, 843-858.	1.6	2
30	Surface Measurement and Analysis. , 2017, , 149-198.		2
31	The Current Hiatus in Fall Safety Measures. , 2006, , .		2
32	The role of surface roughness in the measurement of slipperiness. , 2002, , 101-117.		2
33	Validity and Diagnostic Accuracy of the Clarkeâ€™s Angle in Determining Pediatric Flexible Flatfoot Using Radiographic Findings as a Criterion Standard Measure: A Cross-sectional Study. Journal of the American Podiatric Medical Association, 2022, 112, .	0.3	1
34	Friction and Wear Mechanisms. , 2017, , 121-148.		1
35	Tribological Approaches for the Pedestrian Safety Measurements and Assessments. , 2017, , 95-119.		0
36	Pedestrian Slip Resistance Measurements: Verities and Challenges. , 2017, , 67-94.		0

#	ARTICLE	IF	CITATIONS
37	Observation on Wear Developments of Floor/Walkway Surfaces: Applications to Pedestrian Fall Safety Assessments—Case Study No. 2. , 2022, , 427-450.		0
38	Observation on Wear Developments of Floor/Walkway Surfaces: Applications to Pedestrian Fall Safety Assessments—Case Study No. 1. , 2022, , 407-425.		0
39	Basic Principles of Tribology. , 2022, , 53-116.		0
40	Observation on Wear Developments of Floor/Walkway Surfaces: Applications to Pedestrian Fall Safety Assessments—Case Study No. 3. , 2022, , 451-471.		0
41	Development of a Tribology Model for Quantifying Slip Resistance Characteristics: Basic Concepts, Theories, Experiments, and Validations. , 2022, , 279-323.		0
42	Future Works, Recommendations, and Conclusions. , 2022, , 475-489.		0
43	Application of Three-Dimensional Simulation Tools in the Analysis of Shoe-floor Traction Properties: A Review. , 2022, , .		0
44	Effect of Whole-Body Vibration Technology in Preventing Fall Incidence: A Review. , 2022, , .		0
45	Measurements of Traction Properties of Concrete Slabs: Application for Pedestrian Fall Safety Improvement. , 2022, , .		0