

# Armel Cretual

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

512  
citations

759233

12  
h-index

752698

20  
g-index

22  
all docs

22  
docs citations

22  
times ranked

410  
citing authors

#	ARTICLE	IF	CITATIONS
1	Collision avoidance strategies between two athlete walkers: Understanding impaired avoidance behaviours in athletes with a previous concussion. <i>Gait and Posture</i> , 2022, 92, 24-29.	1.4	4
2	Collision avoidance behaviours between older adult and young adult walkers. <i>Gait and Posture</i> , 2021, 88, 210-215.	1.4	6
3	Minimum predicted distance: Applying a common metric to collision avoidance strategies between children and adult walkers. <i>Gait and Posture</i> , 2019, 72, 16-21.	1.4	4
4	Effective Human-Robot Collaboration in near symmetry collision scenarios. , 2019, , .		2
5	How do walkers behave when crossing the way of a mobile robot that replicates human interaction rules?. <i>Gait and Posture</i> , 2018, 60, 188-193.	1.4	20
6	Collision Avoidance Behavior between Walkers: Global and Local Motion Cues. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2018, 24, 2078-2088.	4.4	33
7	Collision Avoidance With Multiple Walkers: Sequential or Simultaneous Interactions?. <i>Frontiers in Psychology</i> , 2018, 9, 2354.	2.1	6
8	Effect of Virtual Human Gaze Behaviour During an Orthogonal Collision Avoidance Walking Task. , 2018, , .		24
9	How do walkers avoid a mobile robot crossing their way?. <i>Gait and Posture</i> , 2017, 51, 97-103.	1.4	38
10	KeR-EGI, a new index of gait quantification based on electromyography. <i>Journal of Electromyography and Kinesiology</i> , 2013, 23, 930-937.	1.7	7
11	Collision avoidance between two walkers: Role-dependent strategies. <i>Gait and Posture</i> , 2013, 38, 751-756.	1.4	86
12	Minimal predicted distance: A common metric for collision avoidance during pairwise interactions between walkers. <i>Gait and Posture</i> , 2012, 36, 399-404.	1.4	97
13	A step-by-step modeling, analysis and annotation of locomotion. <i>Computer Animation and Virtual Worlds</i> , 2011, 22, 421-433.	1.2	9
14	Gillette Gait Index in adults. <i>Gait and Posture</i> , 2010, 32, 307-310.	1.4	41
15	A Velocity-Curvature Space Approach for Walking Motions Analysis. <i>Lecture Notes in Computer Science</i> , 2009, , 104-115.	1.3	3
16	Peripheral Vascular Changes After Home-Based Passive Leg Cycle Exercise Training in People With Paraplegia: A Pilot Study. <i>Archives of Physical Medicine and Rehabilitation</i> , 2008, 89, 2162-2166.	0.9	14
17	Local kinematics of human walking along a turn. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2008, 11, 177-178.	1.6	3
18	Acute Peripheral Blood Flow Response Induced by Passive Leg Cycle Exercise in People With Spinal Cord Injury. <i>Archives of Physical Medicine and Rehabilitation</i> , 2007, 88, 471-476.	0.9	28

#	ARTICLE	IF	CITATIONS
19	Velocity/curvature relations along a single turn in human locomotion. Neuroscience Letters, 2007, 412, 148-153.	2.1	24
20	Dynamic Stabilization of a Pan and Tilt Camera for Submarine Image Visualization. Computer Vision and Image Understanding, 2000, 79, 47-65.	4.7	14