Brice Isableu

List of Publications by Year
in descending order

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56 papers	1,450 citations	393982 19 h-index	329751 37 g-index
56 all docs	56 docs citations	56 times ranked	1253 citing authors

#	Article	IF	Citations
1	Design and evaluation of postural interactions between users and a listening virtual agent during a simulated job interview. Computer Animation and Virtual Worlds, 2021, 32, e2029.	0.7	4
2	Contribution of interaction torques during dart throwing: Differences between novices and experts. Human Movement Science, 2018, 57, 258-266.	0.6	5
3	Sport Skillâ€“Specific Expertise Biases Sensory Integration for Spatial Referencing and Postural Control. Journal of Motor Behavior, 2018, 50, 426-435.	0.5	17
4	Relationships Between Accuracy in Predicting Direction of Gravitational Vertical and Academic Performance and Physical Fitness in Schoolchildren. Frontiers in Psychology, 2018, 9, 1528.	1.1	4
5	Impact of sensory preferences of individuals with autism on the recognition of emotions expressed by two robots, an avatar, and a human. Autonomous Robots, 2017, 41, 613-635.	3.2	30
6	Drifting while stepping in place in old adults: Association of self-motion perception with reference frame reliance and ground optic flow sensitivity. Neuroscience, 2017, 347, 134-147.	1.1	9
7	Do Sensory Preferences of Children with Autism Impact an Imitation Task with a Robot?. , 2017, , .		17
8	Sequence-dependent rotation axis changes in tennis. Sports Biomechanics, 2017, 16, 411-423.	0.8	3
9	Head Stability and Head-Trunk Coordination in Horseback Riders: The Contribution of Visual Information According to Expertise. Frontiers in Human Neuroscience, 2017, 11, 11.	1.0	29
10	Sample Entropy, Univariate, and Multivariate Multi-Scale Entropy in Comparison with Classical Postural Sway Parameters in Young Healthy Adults. Frontiers in Human Neuroscience, 2017, 11, 206.	1.0	57
11	Regularity of Center of Pressure Trajectories in Expert Gymnasts during Bipedal Closed-Eyes Quiet Standing. Frontiers in Human Neuroscience, 2017, 11, 317.	1.0	20
12	Center of pressure based segment inertial parameters validation. PLoS ONE, 2017, 12, e0180011.	1.1	0
13	Joint Attention using Human-Robot Interaction: Impact of sensory preferences of children with autism. , 2016, , .		18
14	Adaptive use of interaction torque during arm reaching movement from the optimal control viewpoint. Scientific Reports, 2016, 6, 38845.	1.6	9
15	Attempt to validate the Self-Construal Scale in French: Systematic approach and model limitation. Revue Europeenne De Psychologie Appliquee, 2016, 66, 85-93.	0.4	5
16	On the nature of motor planning variables during arm pointing movement: Compositeness and speed dependence. Neuroscience, 2016, 328, 127-146.	1.1	12
17	Differences in the Control of Unconstrained Three-Dimensional Arm Motions of the Dominant and the Nondominant Arm. Journal of Applied Biomechanics, 2016, 32, 311-315.	0.3	1
18	Impact of elicited mood on movement expressivity during a fitness task. Human Movement Science, 2016, 49, 9-26.	0.6	7

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19	The contribution of visual and proprioceptive information to the perception of leaning in a dynamic motorcycle simulator. Ergonomics, 2016, 59, 1428-1441.	1.1	4
20	Sequence-dependent rotation axis changes and interaction torque use in overarm throwing. Journal of Sports Sciences, 2016, 34, 878-885.	1.0	5
21	Individuals with Autism: Analysis of the First Interaction with Nao Robot Based on Their Proprioceptive and Kinematic Profiles. Advances in Intelligent Systems and Computing, 2016, , 225-233.	0.5	9
22	Impact of personality on the recognition of emotion expressed via human, virtual, and robotic embodiments. , 2015, , .		9
23	Sensorimotor and cognitive factors associated with the age-related increase of visual field dependence: a cross-sectional study. Age, 2015, 37, 9805.	3.0	25
24	Perception of Emotion and Personality through Full-Body Movement Qualities. ACM Transactions on Applied Perception, 2015, 13, 1-27.	1.2	4
25	Social Personalized Human-Machine Interaction for People with Autism. , 2015, , .		2
26	An inexpensive solution for motion analysis. Proceedings of the Institution of Mechanical Engineers, Part P: Journal of Sports Engineering and Technology, 2014, 228, 165-170.	0.4	8
27	An individual and dynamic Body Segment Inertial Parameter validation method using ground reaction forces. Journal of Biomechanics, 2014, 47, 1577-1581.	0.9	24
28	Velocity-dependent changes of rotational axes during the control of unconstrained 3D arm motions depend on initial instruction on limb position. Human Movement Science, 2013, 32, 290-300.	0.6	7
29	Assessing Postural Control for Affect Recognition Using Video and Force Plates. , 2013, , .		5
30	Multimodal Expressions of Stress during a Public Speaking Task: Collection, Annotation and Global Analyses. , 2013, , .		11
31	Changes in Rod and Frame Test Scores Recorded in Schoolchildren during Development â€“ A Longitudinal Study. PLoS ONE, 2013, 8, e65321.	1.1	31
32	Quantifying standing posture during multi-joint movements. Computer Methods in Biomechanics and Biomedical Engineering, 2012, 15, 256-258.	0.9	0
33	Is the time of release during a precision throwing task, predictable?. Computer Methods in Biomechanics and Biomedical Engineering, 2012, 15, 250-252.	0.9	2
34	Low-cost motion capture systems in practice. Computer Methods in Biomechanics and Biomedical Engineering, 2012, 15, 253-255.	0.9	1
35	Does the Integration of Haptic and Visual Cues Reduce the Effect of a Biased Visual Reference Frame on the Subjective Head Orientation?. PLoS ONE, 2012, 7, e34380.	1.1	10
36	Do axes of rotation change during fast and slow motions of the dominant and non-dominate arms?. BIO Web of Conferences, 2011, 1, 00032.	0.1	0

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37	Differential integration of visual and kinaesthetic signals to upright stance. Experimental Brain Research, 2011, 212, 33-46.	0.7	34
38	Children, postural stability, physical activity, fitness, percent body fat and impact of specialised physical educationâ€"The LOOK study. Journal of Science and Medicine in Sport, 2010, 12, e135-e136.	0.6	0
39	Individual differences in the ability to identify, select and use appropriate frames of reference for perceptuo-motor control. Neuroscience, 2010, 169, 1199-1215.	1.1	61
40	Axes of rotation in the non-visual control of unconstrained 3D multijoint movements. Computer Methods in Biomechanics and Biomedical Engineering, 2009, 12, 153-154.	0.9	0
41	Velocity-dependent changes of rotational axes in the non-visual control of unconstrained 3D arm motions. Neuroscience, 2009, 164, 1632-1647.	1.1	18
42	The role of body centre of mass on haptic subjective vertical. Neuroscience Letters, 2009, 465, 230-234.	1.0	11
43	Assessment of visual field dependence: comparison between the mechanical 3D rod-and-frame test developed by Oltman in 1968 with a 2D computer-based version. Journal of Vestibular Research: Equilibrium and Orientation, 2008, 18, 239-47.	0.8	18
44	The magnitude of the effect of calf muscles fatigue on postural control during bipedal quiet standing with vision depends on the eyeâ€"visual target distance. Gait and Posture, 2006, 24, 169-172.	0.6	92
45	Attentional demands associated with the use of a light fingertip touch for postural control during quiet standing. Experimental Brain Research, 2006, 169, 232-236.	0.7	48
46	Differential integration of kinaesthetic signals to postural control. Experimental Brain Research, 2006, 174, 763-768.	0.7	55
47	Embodied spatial transformations: "Body analogy" for the mental rotation of objects.. Journal of Experimental Psychology: General, 2006, 135, 327-347.	1.5	170
48	Differential exploitation of the inertia tensor in multi-joint arm reaching. Experimental Brain Research, 2005, 167, 487-495.	0.7	20
49	Teleological perception without a biological perceiver?. Behavioral and Brain Sciences, 2004, 27, 888-889.	0.4	0
50	We are most aware of our place in the world when about to fall. Current Biology, 2004, 14, R609-R610.	1.8	46
51	The visual control of stability in children and adults: postural readjustments in a ground optical flow. Experimental Brain Research, 2004, 159, 33-46.	0.7	35
52	Differential approach to strategies of segmental stabilisation in postural control. Experimental Brain Research, 2003, 150, 208-221.	0.7	77
53	Visual contribution to self-induced body sway frequencies and visual perception of male professional dancers. Neuroscience Letters, 1999, 267, 189-192.	1.0	157
54	How dynamic visual field dependenceâ€"independence interacts with the visual contribution to postural control. Human Movement Science, 1998, 17, 367-391.	0.6	64

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55	Selection of spatial frame of reference and postural control variability. Experimental Brain Research, 1997, 114, 584-589.	0.7	140
56	Proprioceptive and Kinematic Profiles for Customized Humanâ€•Robot Interaction for People Suffering from Autism. , 0, , .		0