

Martial Mermillod

List of Publications by Year in descending order

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Version: 2024-02-01

92
papers

2,569
citations

331670

21
h-index

214800

47
g-index

104
all docs

104
docs citations

104
times ranked

2871
citing authors

#	ARTICLE	IF	CITATIONS
1	The Modulation of Cardiac Vagal Tone on Attentional Orienting of Fair-Related Faces: Low HRV is Associated with Faster Attentional Engagement to Fair-Relevant Stimuli. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2022, 22, 229-243.	2.0	2
2	Validation of Visual Analogue Scales of job demand and job control at the workplace: a cross-sectional study. <i>BMJ Open</i> , 2022, 12, e046403.	1.9	6
3	The Predictive Role of Low Spatial Frequencies in Automatic Face Processing: A Visual Mismatch Negativity Investigation. <i>Frontiers in Human Neuroscience</i> , 2022, 16, 838454.	2.0	4
4	Assessment of sick building syndrome using visual analog scales. <i>Indoor Air</i> , 2022, 32, e13024.	4.3	2
5	Mindfulness and De-automatization: Effect of Mindfulness-Based Interventions on Emotional Facial Expressions Processing. <i>Mindfulness</i> , 2021, 12, 226-239.	2.8	11
6	Facial width-to-height ratio underlies perceived dominance on facial emotional expressions. <i>Personality and Individual Differences</i> , 2021, 172, 110583.	2.9	4
7	Emotional face recognition in autism and in cerebral visual impairments: In search for specificity. <i>Journal of Neuropsychology</i> , 2021, 15, 235-252.	1.4	6
8	Protect Others to Protect Myself: A Weakness of Western Countries in the Face of Current and Future Pandemics? Psychological and Neuroscientific Perspectives. <i>Frontiers in Integrative Neuroscience</i> , 2021, 15, 608151.	2.1	2
9	The Forgotten Health-Care Occupations at Risk of Burnout – A Burnout, Job Demand-Control-Support, and Effort-Reward Imbalance Survey. <i>Journal of Occupational and Environmental Medicine</i> , 2021, 63, e416-e425.	1.7	6
10	Impact of Spatial Frequency Based Constraints on Adversarial Robustness. , 2021, , .		7
11	Burnout Among Hospital Non-Healthcare Staff. <i>Journal of Occupational and Environmental Medicine</i> , 2021, 63, e13-e20.	1.7	13
12	The Role of Emotional Content and Perceptual Saliency During the Programming of Saccades Toward Faces. <i>Cognitive Science</i> , 2021, 45, e13042.	1.7	3
13	High spatial frequency filtered primes hastens happy faces categorization in autistic adults. <i>Brain and Cognition</i> , 2021, 155, 105811.	1.8	6
14	Dream Net: a privacy preserving continual learning model for face emotion recognition. , 2021, , .		5
15	Protective Effect on Mortality of Active Commuting to Work: A Systematic Review and Meta-analysis. <i>Sports Medicine</i> , 2020, 50, 2237-2250.	6.5	10
16	Shift work, and particularly permanent night shifts, promote dyslipidaemia: A systematic review and meta-analysis. <i>Atherosclerosis</i> , 2020, 313, 156-169.	0.8	44
17	Exploring the Link between Work Addiction Risk and Health-Related Outcomes Using Job-Demand-Control Model. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 7594.	2.6	20
18	Real-world expectations and their affective value modulate object processing. <i>NeuroImage</i> , 2020, 213, 116736.	4.2	8

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19	Rapid scene categorization: From coarse peripheral vision to fine central vision. <i>Vision Research</i> , 2020, 170, 60-72.	1.4	17
20	How to Measure Sedentary Behavior at Work?. <i>Frontiers in Public Health</i> , 2019, 7, 167.	2.7	12
21	Desperately seeking friends: How expectation of punishment modulates attention to angry and happy faces. <i>Visual Cognition</i> , 2019, 27, 649-656.	1.6	1
22	Effects of a short residential thermal spa program to prevent work-related stress/burnout on stress biomarkers: the ThermStress proof of concept study. <i>Journal of International Medical Research</i> , 2019, 47, 5130-5145.	1.0	6
23	Stress management in obesity during a thermal spa residential programme (ObesiStress): a protocol for a randomised controlled trial study. <i>BMJ Open</i> , 2019, 9, e027058.	1.9	7
24	Suicide among physicians and health-care workers: A systematic review and meta-analysis. <i>PLoS ONE</i> , 2019, 14, e0226361.	2.5	285
25	The importance of recurrent top-down synaptic connections for the anticipation of dynamic emotions. <i>Neural Networks</i> , 2019, 109, 19-30.	5.9	4
26	Influence of authoritarianism, vagal tone and mental fatigue on obedience to authority. <i>Cognition and Emotion</i> , 2019, 33, 157-172.	2.0	5
27	Alexithymia disrupts the beneficial influence of arousal on attention: Evidence from the attentional blink.. <i>Personality Disorders: Theory, Research, and Treatment</i> , 2019, 10, 545-550.	1.3	2
28	Reducing uncertainty to promote appropriate decisions when facing hazardous phenomena at an active volcano. <i>Journal of Applied Social Psychology</i> , 2018, 48, 227-234.	2.0	2
29	Managing decision-making with certainty of threat. <i>Journal of Risk Research</i> , 2018, 21, 1551-1561.	2.6	1
30	Introduction and validation of the Natural Disasters Picture System (NDPS). <i>PLoS ONE</i> , 2018, 13, e0201942.	2.5	3
31	Heart rate variability in type 2 diabetes mellitus: A systematic review and meta-analysis. <i>PLoS ONE</i> , 2018, 13, e0195166.	2.5	229
32	When the Sad Past Is Left: The Mental Metaphors Between Time, Valence, and Space. <i>Frontiers in Psychology</i> , 2018, 9, 1019.	2.1	5
33	Influence of uncertainty on framed decision-making with moral dilemma. <i>PLoS ONE</i> , 2018, 13, e0197923.	2.5	4
34	Evidence of Rapid Modulation by Social Information of Subjective, Physiological, and Neural Responses to Emotional Expressions. <i>Frontiers in Behavioral Neuroscience</i> , 2018, 11, 231.	2.0	6
35	From relief to surprise: Dual control of epistemic curiosity in the human brain. <i>NeuroImage</i> , 2018, 181, 490-500.	4.2	48
36	Work Addiction Test Questionnaire to Assess Workaholism: Validation of French Version. <i>JMIR Mental Health</i> , 2018, 5, e12.	3.3	17

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37	Demoisaicing using Dual Layer Feedforward Neural Network. Color and Imaging Conference, 2018, 26, 211-218.	0.2	2
38	Maximal tachycardia and high cardiac strain during night shifts of emergency physicians. International Archives of Occupational and Environmental Health, 2017, 90, 467-480.	2.3	17
39	A Rapid Subcortical Amygdala Route for Faces Irrespective of Spatial Frequency and Emotion. Journal of Neuroscience, 2017, 37, 3864-3874.	3.6	80
40	How does information from low and high spatial frequencies interact during scene categorization?. Visual Cognition, 2017, 25, 853-867.	1.6	13
41	You can laugh at everything, but not with everyone. Interaction Studies, 2017, 18, 116-141.	0.6	5
42	Right wing authoritarianism is associated with race bias in face detection. PLoS ONE, 2017, 12, e0179894.	2.5	4
43	Resting high frequency heart rate variability selectively predicts cooperative behavior. Physiology and Behavior, 2016, 164, 417-428.	2.1	43
44	Ambiguous Emotional Processing and Embodiment. , 2016, , .		3
45	Reduction of interference effect by low spatial frequency information priming in an emotional Stroop task. Journal of Vision, 2015, 15, 16.	0.3	12
46	'Do Well B.': Design Of WELL Being monitoring systems. A study protocol for the application in autism. BMJ Open, 2015, 5, e007716-e007716.	1.9	22
47	The body language: The spontaneous influence of congruent bodily arousal on the awareness of emotional words.. Journal of Experimental Psychology: Human Perception and Performance, 2015, 41, 582-589.	0.9	13
48	Does the thought of death contribute to the memory benefit of encoding with a survival scenario?. Memory, 2015, 23, 213-232.	1.7	17
49	Evidence of fast and automatic gender bias in affective priming. Journal of Cognitive Psychology, 2015, 27, 301-309.	0.9	7
50	Combined effects of expectations and visual uncertainty upon detection and identification of a target in the fog. Cognitive Processing, 2015, 16, 343-348.	1.4	18
51	Destructive Obedience Without Pressure. Social Psychology, 2015, 46, 345-351.	0.7	23
52	Dopamine Replacement Therapy and Deep Brain Stimulation of the Subthalamic Nuclei Induce Modulation of Emotional Processes at Different Spatial Frequencies in Parkinson's Disease. Journal of Parkinson's Disease, 2014, 4, 97-110.	2.8	9
53	Binocular correlation model of face preference: how good, how simple?. Developmental Science, 2014, 17, 828-830.	2.4	3
54	Verifying properties of concepts spontaneously requires sharing resources with same-modality percept. Cognitive Processing, 2013, 14, 81-87.	1.4	9

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55	Second-person social neuroscience: Connections to past and future theories, methods, and findings. Behavioral and Brain Sciences, 2013, 36, 440-441.	0.7	0
56	The importance of feature distribution and correlation for simulating 3 to 4-month-old infants' visual categorization processes. Visual Cognition, 2013, 21, 726-738.	1.6	0
57	The stability-plasticity dilemma: investigating the continuum from catastrophic forgetting to age-limited learning effects. Frontiers in Psychology, 2013, 4, 504.	2.1	203
58	Rapid Presentation of Emotional Expressions Reveals New Emotional Impairments in Tourette's Syndrome. Frontiers in Human Neuroscience, 2013, 7, 149.	2.0	9
59	Memory for Words Representing Modal Concepts. Experimental Psychology, 2013, 60, 293-301.	0.7	7
60	Computational Evidence That Frequency Trajectory Theory Does Not Oppose But Emerges From Age-of-Acquisition Theory. Cognitive Science, 2012, 36, 1499-1531.	1.7	18
61	Enhanced embodied response following ambiguous emotional processing. Cognitive Processing, 2012, 13, 103-106.	1.4	16
62	The combined effect of subthalamic nuclei deep brain stimulation and l-dopa increases emotion recognition in Parkinson's disease. Neuropsychologia, 2012, 50, 2869-2879.	1.6	22
63	Chapitre 9. Les Émotions. , 2012, , 279-309.		1
64	Affective Priming in Visual-field Superiority. Review of European Studies, 2011, 3, .	0.3	1
65	Contraintes perceptives et temporelles dans l'exploration du modèle de Ledoux. Année Psychologique, 2011, 111, 465-479.	0.3	4
66	Is it a he or a she? Behavioral and computational approaches to sex categorization. Attention, Perception, and Psychophysics, 2011, 73, 1344-1349.	1.3	15
67	Embodying Emotional Disorders: New Hypotheses about Possible Emotional Consequences of Motor Disorders in Parkinson's Disease and Tourette's Syndrome. ISRN Neurology, 2011, 2011, 1-6.	1.5	8
68	The effect of expectancy of a threatening event on time perception in human adults.. Emotion, 2010, 10, 908-914.	1.8	87
69	Coarse scales are sufficient for efficient categorization of emotional facial expressions: Evidence from neural computation. Neurocomputing, 2010, 73, 2522-2531.	5.9	42
70	The future of SIMS: Who embodies which smile and when?. Behavioral and Brain Sciences, 2010, 33, 464-480.	0.7	7
71	Are Coarse Scales Sufficient for Fast Detection of Visual Threat?. Psychological Science, 2010, 21, 1429-1437.	3.3	48
72	Fast emotional embodiment can modulate sensory exposure in perceivers. Communicative and Integrative Biology, 2010, 3, 184-187.	1.4	5

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73	Perceptual Factors Affecting the Ability to Assess Facial Resemblance between Parents and Newborns in Humans. <i>Perception</i> , 2010, 39, 807-818.	1.2	15
74	The Simulation of Smiles (SIMS) model: Embodied simulation and the meaning of facial expression. <i>Behavioral and Brain Sciences</i> , 2010, 33, 417-433.	0.7	512
75	Neural computation as a tool to differentiate perceptual from emotional processes: The case of anger superiority effect. <i>Cognition</i> , 2009, 110, 346-357.	2.2	42
76	Unintended embodiment of concepts into percepts: Sensory activation boosts attention for same-modality concepts in the attentional blink paradigm. <i>Cognition</i> , 2009, 112, 467-472.	2.2	36
77	Short article: The effects of age of acquisition and frequency trajectory on object naming: Comments on PÃ©rez (2007). <i>Quarterly Journal of Experimental Psychology</i> , 2009, 62, 1132-1140.	1.1	24
78	The importance of low spatial frequency information for recognising fearful facial expressions. <i>Connection Science</i> , 2009, 21, 75-83.	3.0	43
79	Emotional Modulation of Attention: Fear Increases but Disgust Reduces the Attentional Blink. <i>PLoS ONE</i> , 2009, 4, e7924.	2.5	61
80	Psycholinguistic norms and face naming times for photographs of celebrities in French. <i>Behavior Research Methods</i> , 2008, 40, 137-146.	4.0	22
81	RECONSTRUCTION OF SPATIAL AND CHROMATIC INFORMATION FROM THE CONE MOSAIC. , 2008, , .		1
82	Chapitre 10. Troubles psychiatriques et stimulation cÃ©brale profondeÂ: perspectives de recherche clinique et fondamentale. , 2008, , 229.		2
83	CONNECTIONIST HYPOTHESIS ABOUT AN ONTOGENETIC DEVELOPMENT OF CONCEPTUALLY-DRIVEN CORTICAL ANISOTROPY. , 2008, , .		0
84	Effect of temporal constraints on hemispheric asymmetries during spatial frequency processing. <i>Brain and Cognition</i> , 2006, 62, 214-220.	1.8	42
85	A NEURAL NETWORK INVESTIGATION OF THE HEAD PREFERENCE: PROBLEMS EXPLAINING EMPIRICAL RESULTS BY BOTTOM-UP PROCESSES ALONE. , 2005, , .		1
86	The coarse-to-fine hypothesis revisited: Evidence from neuro-computational modeling. <i>Brain and Cognition</i> , 2005, 57, 151-157.	1.8	33
87	Erratum to "Efficiency of orientation channels in the striate cortex for distributed categorization process" [Brain and Cognition 55 (2004) 352-354]. <i>Brain and Cognition</i> , 2005, 58, 245.	1.8	0
88	Improving generalisation skills in a neural network on the basis of neurophysiological data. <i>Brain and Cognition</i> , 2005, 58, 246-248.	1.8	7
89	Efficiency of orientation channels in the striate cortex for distributed categorization process. <i>Brain and Cognition</i> , 2004, 55, 352-354.	1.8	3
90	The Role of Bottom-Up Processing in Perceptual Categorization by 3- to 4-Month-Old Infants: Simulations and Data.. <i>Journal of Experimental Psychology: General</i> , 2004, 133, 382-397.	2.1	116

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91	DOES THE ENERGY SPECTRUM FROM GABOR WAVELET FILTERING REPRESENT SUFFICIENT INFORMATION FOR NEURAL NETWORK RECOGNITION AND CLASSIFICATION TASKS?. , 2004, , .		1
92	USING AUTOENCODERS TO MODEL ASYMMETRIC CATEGORY LEARNING IN EARLY INFANCY: INSIGHTS FROM PRINCIPAL COMPONENTS ANALYSIS. , 2002, , .		0