

Marc Wittmann

List of Publications by Year in descending order

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Version: 2024-02-01

143
papers

7,709
citations

66234

42
h-index

58464

82
g-index

161
all docs

161
docs citations

161
times ranked

6869
citing authors

#	ARTICLE	IF	CITATIONS
1	Disrupting times in the wake of the pandemic: Dispositional time attitudes, time perception and temporal focus. <i>Time and Society</i> , 2022, 31, 110-131.	0.8	21
2	Brain-Heart Interaction and the Experience of Flow While Playing a Video Game. <i>Frontiers in Human Neuroscience</i> , 2022, 16, 819834.	1.0	4
3	The subjective experience of time during the pandemic in Germany: The big slowdown. <i>PLoS ONE</i> , 2022, 17, e0267709.	1.1	13
4	Differences in Time Perspectives Measured under the Dramatically Changing Socioeconomic Conditions during the Ukrainian Political Crises in 2014/2015. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 7465.	1.2	3
5	Red visual stimulation in the Ganzfeld leads to a relative overestimation of duration compared to green. <i>PsyCh Journal</i> , 2021, 10, 5-19.	0.5	5
6	Time consciousness: the missing link in theories of consciousness. <i>Neuroscience of Consciousness</i> , 2021, 2021, niab011.	1.4	26
7	Time Speeds Up During Flow States: A Study in Virtual Reality with the Video Game Thumper. <i>Timing and Time Perception</i> , 2021, 9, 353-376.	0.4	32
8	The Phenomenology of "Pure" Consciousness as Reported by an Experienced Meditator of the Tibetan Buddhist Karma Kagyu Tradition. Analysis of Interview Content Concerning Different Meditative States. <i>Philosophies</i> , 2021, 6, 50.	0.4	5
9	What happens while waiting in virtual reality? A comparison between a virtual and a real waiting situation concerning boredom, self-regulation, and the experience of time.. <i>Technology Mind and Behavior</i> , 2021, 2, .	1.1	9
10	The power of Dionysus" Effects of red wine on consciousness in a naturalistic setting. <i>PLoS ONE</i> , 2021, 16, e0256198.	1.1	3
11	Supplemental Material for What happens while waiting in virtual reality? A comparison between a virtual and a real waiting situation concerning boredom, self-regulation, and the experience of time.. <i>Technology Mind and Behavior</i> , 2021, 2, .	1.1	0
12	Increased relaxation and present orientation after a period of silence in a natural surrounding. <i>Nordic Journal of Music Therapy</i> , 2020, 29, 75-92.	0.7	18
13	The phenomenology and cognitive neuroscience of experienced temporality. <i>Phenomenology and the Cognitive Sciences</i> , 2020, 19, 747-771.	1.1	16
14	A German Validation of Four Questionnaires Crucial to the Study of Time Perception: BPS, CFC-14, SAQ, and MQT. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 8477.	1.2	5
15	Subjective Passage of Time during the Pandemic: Routine, Boredom, and Memory. <i>KronoScope</i> , 2020, 20, 260-271.	0.1	14
16	What happens while waiting? How self-regulation affects boredom and subjective time during a real waiting situation. <i>Acta Psychologica</i> , 2020, 205, 103061.	0.7	36
17	Waiting, Thinking, and Feeling: Variations in the Perception of Time During Silence. <i>Frontiers in Psychology</i> , 2020, 11, 602.	1.1	13
18	Integration of balanced time perspective and time perception: The role of executive control and neuroticism. <i>Personality and Individual Differences</i> , 2020, 163, 110061.	1.6	22

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19	Preventing music performance anxiety (MPA): Music students judge combined Depth Relaxation Music Therapy (DRMT) and silence to be an effective methodology. <i>Music and Medicine</i> , 2020, 12, 148.	0.2	5
20	Zeitwahrnehmung. , 2020, , 359-364.		0
21	Peripheral-physiological and neural correlates of the flow experience while playing video games: a comprehensive review. <i>PeerJ</i> , 2020, 8, e10520.	0.9	20
22	Zeitwahrnehmung. <i>Sozialtheorie</i> , 2020, , 359-364.	0.0	1
23	What happens in the brain of meditators when perception changes but not the stimulus?. <i>PLoS ONE</i> , 2019, 14, e0223843.	1.1	14
24	Mindfulness Meditation and Fantasy Relaxation in a Group Setting Leads to a Diminished Sense of Self and an Increased Present Orientation. <i>Behavioral Sciences (Basel, Switzerland)</i> , 2019, 9, 87.	1.0	7
25	Remote meditation support â€“ a multimodal distant intention experiment. <i>Explore: the Journal of Science and Healing</i> , 2019, 15, 334-339.	0.4	3
26	Mindful Leader Development: How Leaders Experience the Effects of Mindfulness Training on Leader Capabilities. <i>Frontiers in Psychology</i> , 2019, 10, 1081.	1.1	33
27	Meditation-Induced States, Vagal Tone, and Breathing Activity Are Related to Changes in Auditory Temporal Integration. <i>Behavioral Sciences (Basel, Switzerland)</i> , 2019, 9, 51.	1.0	5
28	Meditation Experience and Mindfulness Are Associated with Reduced Self-Reported Mind-Wandering in Meditatorsâ€”A German Version of the Daydreaming Frequency Scale. <i>Psych</i> , 2019, 1, 193-206.	0.7	4
29	Altered states of consciousness: With special reference to time and the self. <i>PsyCh Journal</i> , 2019, 8, 5-7.	0.5	3
30	Enhanced relaxation in students after combined Depth Relaxation Music Therapy and silence in a natural setting. <i>Arts in Psychotherapy</i> , 2019, 63, 68-76.	0.6	11
31	Experiencing Waiting Time in Virtual Reality. , 2019, , .		8
32	â€œJust Thinkâ€”Students Feel Significantly More Relaxed, Less Aroused, and in a Better Mood after a Period of Silence Alone in a Room. <i>Psych</i> , 2019, 1, 343-352.	0.7	8
33	Time perception and impulsivity: A proposed relationship in addictive disorders. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 106, 182-201.	2.9	40
34	Content-Free Awareness: EEG-fcMRI Correlates of Consciousness as Such in an Expert Meditator. <i>Frontiers in Psychology</i> , 2019, 10, 3064.	1.1	34
35	Modulations in the Experience of Duration. , 2019, , 145-162.		2
36	Individual Differences in Self-Rated Impulsivity Modulate the Estimation of Time in a Real Waiting Situation. <i>Timing and Time Perception</i> , 2018, 6, 71-89.	0.4	56

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37	Exploring the maximum duration of the contingent negative variation. <i>International Journal of Psychophysiology</i> , 2018, 128, 52-61.	0.5	10
38	Dispositional orientation to the present and future and its role in pro-environmental behavior and sustainability. <i>Heliyon</i> , 2018, 4, e00882.	1.4	16
39	A Workplace Mindfulness Intervention May Be Associated With Improved Psychological Well-Being and Productivity. A Preliminary Field Study in a Company Setting. <i>Frontiers in Psychology</i> , 2018, 9, 195.	1.1	86
40	The embodiment of time: How interoception shapes the perception of time. , 2018, , .		1
41	Doubling Down: Increased Risk-Taking Behavior Following a Loss by Individuals With Cocaine Use Disorder Is Associated With Striatal and Anterior Cingulate Dysfunction. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2017, 2, 94-103.	1.1	15
42	Women's finger pressure sensitivity at rest and recalled body awareness during partnered sexual activity. <i>International Journal of Impotence Research</i> , 2017, 29, 157-159.	1.0	3
43	The Sense of Time While Watching a Dance Performance. <i>SAGE Open</i> , 2017, 7, 215824401774557.	0.8	13
44	Why Time Slows Down during an Accident. <i>Frontiers for Young Minds</i> , 2017, 5, .	0.8	0
45	Editorial: Sub- and Supra-Second Timing: Brain, Learning and Development. <i>Frontiers in Psychology</i> , 2016, 7, 747.	1.1	2
46	Dispositional Mindfulness and Subjective Time in Healthy Individuals. <i>Frontiers in Psychology</i> , 2016, 7, 786.	1.1	24
47	Time perception in yogic mindfulness meditation—Effects on retrospective duration judgments and time passage.. <i>Psychology of Consciousness: Theory Research, and Practice</i> , 2016, 3, 316-325.	0.3	14
48	How the Experience of Time Shapes Decision-Making. <i>Studies in Neuroscience, Psychology and Behavioral Economics</i> , 2016, , 133-144.	0.1	8
49	Variance of essential tremor patients' time reproduction deficits. <i>Movement Disorders</i> , 2016, 31, 1428-1429.	2.2	1
50	“Catching the waves” slow cortical potentials as moderator of voluntary action. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 68, 639-650.	2.9	49
51	Time reproduction deficits in essential tremor patients. <i>Movement Disorders</i> , 2016, 31, 1234-1240.	2.2	10
52	Altered states of consciousness are related to higher sexual responsiveness. <i>Consciousness and Cognition</i> , 2016, 42, 135-141.	0.8	17
53	Rolandic beta-band activity correlates with decision time to move. <i>Neuroscience Letters</i> , 2016, 616, 119-124.	1.0	4
54	Time perception, mindfulness and attentional capacities in transcendental meditators and matched controls. <i>Personality and Individual Differences</i> , 2016, 93, 16-21.	1.6	23

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55	The Duration of Presence. , 2016, , 101-113.		8
56	Changes in States of Consciousness during a Period of Silence after a Session of Depth Relaxation Music Therapy (DRMT). Music and Medicine, 2016, 8, 180.	0.2	23
57	A disembodied man: A case of somatopsychic depersonalization in schizotypal disorder. PsyCh Journal, 2015, 4, 186-198.	0.5	4
58	Time Perspective and Emotion Regulation as Predictors of Age-Related Subjective Passage of Time. International Journal of Environmental Research and Public Health, 2015, 12, 16027-16042.	1.2	47
59	Subjective expansion of extended time-spans in experienced meditators. Frontiers in Psychology, 2015, 5, 1586.	1.1	52
60	Psychophysiology of duration estimation in experienced mindfulness meditators and matched controls. Frontiers in Psychology, 2015, 6, 1215.	1.1	29
61	The Now and the Passage of Time. KronoScope, 2015, 15, 191-213.	0.1	13
62	Individualized relapse prediction: Personality measures and striatal and insular activity during reward-processing robustly predict relapse. Drug and Alcohol Dependence, 2015, 152, 93-101.	1.6	57
63	Modulations of the experience of self and time. Consciousness and Cognition, 2015, 38, 172-181.	0.8	87
64	Do meditators have higher awareness of their intentions to act?. Cortex, 2015, 65, 149-158.	1.1	38
65	Temporal Processing in Bistable Perception of the Necker Cube. Perception, 2015, 44, 157-168.	0.5	16
66	Interoceptive Focus Shapes the Experience of Time. PLoS ONE, 2014, 9, e86934.	1.1	57
67	Temporal structure of consciousness and minimal self in schizophrenia. Frontiers in Psychology, 2014, 5, 1175.	1.1	61
68	Effects of emotional valence and arousal on acoustic duration reproduction assessed via the "œœdual klepsydra model" Frontiers in Neurorobotics, 2014, 8, 11.	1.6	13
69	The readiness potential reflects intentional binding. Frontiers in Human Neuroscience, 2014, 8, 421.	1.0	50
70	Attenuated Insular Processing During Risk Predicts Relapse in Early Abstinent Methamphetamine-Dependent Individuals. Neuropsychopharmacology, 2014, 39, 1379-1387.	2.8	46
71	The Varieties of Presence: Hierarchical Levels of Temporal Integration. Timing and Time Perception, 2014, 2, 325-338.	0.4	22
72	Mindfulness and the Experience of Time. Procedia, Social and Behavioral Sciences, 2014, 126, 129.	0.5	1

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73	Brain Correlates of Intentional Binding: An EEG Study in Mindfulness Meditators. <i>Procedia, Social and Behavioral Sciences</i> , 2014, 126, 240.	0.5	0
74	Altered cingulate and insular cortex activation during risk-taking in methamphetamine dependence: losses lose impact. <i>Addiction</i> , 2014, 109, 237-247.	1.7	70
75	First-person approaches in neuroscience of consciousness: Brain dynamics correlate with the intention to act. <i>Consciousness and Cognition</i> , 2014, 26, 105-116.	0.8	28
76	Striatum and insula dysfunction during reinforcement learning differentiates abstinent and relapsed methamphetamine-dependent individuals. <i>Addiction</i> , 2014, 109, 460-471.	1.7	57
77	Individual differences in self-attributed mindfulness levels are related to the experience of time and cognitive self-control. <i>Personality and Individual Differences</i> , 2014, 64, 41-45.	1.6	49
78	Perception of acoustically presented time series with varied intervals. <i>Acta Psychologica</i> , 2014, 147, 105-110.	0.7	3
79	Cocaine dependent individuals with attenuated striatal activation during reinforcement learning are more susceptible to relapse. <i>Psychiatry Research - Neuroimaging</i> , 2014, 223, 129-139.	0.9	22
80	Toward embodied artificial cognition: TIME is on my side. <i>Frontiers in Neurorobotics</i> , 2014, 8, 25.	1.6	2
81	Spontaneous EEG fluctuations determine the readiness potential: is preconscious brain activation a preparation process to move?. <i>Experimental Brain Research</i> , 2013, 231, 495-500.	0.7	45
82	The effects of temporal unpredictability in anticipation of negative events in combat veterans with PTSD. <i>Journal of Affective Disorders</i> , 2013, 146, 426-432.	2.0	32
83	The inner sense of time: how the brain creates a representation of duration. <i>Nature Reviews Neuroscience</i> , 2013, 14, 217-223.	4.9	272
84	Evaluation of a Seven-Week Web-Based Happiness Training to Improve Psychological Well-Being, Reduce Stress, and Enhance Mindfulness and Flourishing: A Randomized Controlled Occupational Health Study. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-14.	0.5	84
85	Physical exercise speeds up motor timing. <i>Frontiers in Psychology</i> , 2013, 4, 612.	1.1	8
86	Duration discrimination in the context of age, sex, and cognition. <i>Journal of Cognitive Psychology</i> , 2012, 24, 893-900.	0.4	15
87	Duration Reproduction: Lossy Integration and Effects of Sensory Modalities, Cognitive Functioning, Age, and Sex. <i>Perceptual and Motor Skills</i> , 2012, 115, 370-384.	0.6	4
88	How long is now for mindfulness meditators?. <i>Personality and Individual Differences</i> , 2012, 52, 750-754.	1.6	54
89	Body signals, cardiac awareness, and the perception of time. <i>Biological Psychology</i> , 2011, 86, 289-297.	1.1	124
90	Temporal processing as a base for language universals: Cross-linguistic comparisons on sequencing abilities with some implications for language therapy. <i>Restorative Neurology and Neuroscience</i> , 2011, 29, 35-45.	0.4	23

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91	Psychological and Neural Mechanisms of Subjective Time Dilation. <i>Frontiers in Neuroscience</i> , 2011, 5, 56.	1.4	42
92	Neural Representation of Temporal Duration: Coherent Findings Obtained with the "Lossy Integration" Model. <i>Frontiers in Integrative Neuroscience</i> , 2011, 5, 37.	1.0	9
93	Moments in Time. <i>Frontiers in Integrative Neuroscience</i> , 2011, 5, 66.	1.0	102
94	Neural substrates of time perception and impulsivity. <i>Brain Research</i> , 2011, 1406, 43-58.	1.1	88
95	Hair analysis and self-report of methamphetamine use by methamphetamine dependent individuals. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 541-547.	1.2	36
96	Now or later? Striatum and insula activation to immediate versus delayed rewards.. <i>Journal of Neuroscience, Psychology, and Economics</i> , 2010, 3, 15-26.	0.4	68
97	Accumulation of neural activity in the posterior insula encodes the passage of time. <i>Neuropsychologia</i> , 2010, 48, 3110-3120.	0.7	158
98	The neural substrates of subjective time dilation. <i>Frontiers in Human Neuroscience</i> , 2010, 4, 2.	1.0	65
99	Decreased Psychological Well-Being in Late "Chronotypes" Is Mediated by Smoking and Alcohol Consumption. <i>Substance Use and Misuse</i> , 2010, 45, 15-30.	0.7	124
100	Functional neuroimaging of duration discrimination on two different time scales. <i>Neuroscience Letters</i> , 2010, 469, 411-415.	1.0	10
101	Neural substrates of duration reproduction and impulsivity. <i>International Journal of Psychophysiology</i> , 2010, 77, 323-323.	0.5	0
102	Temporal horizons in decision making.. <i>Journal of Neuroscience, Psychology, and Economics</i> , 2009, 2, 1-11.	0.4	40
103	Intertemporal choice: Neuronal and psychological determinants of economic decisions.. <i>Journal of Neuroscience, Psychology, and Economics</i> , 2009, 2, 71-74.	0.4	8
104	The experience of time: neural mechanisms and the interplay of emotion, cognition and embodiment. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2009, 364, 1809-1813.	1.8	95
105	Time perception as a workload measure in simulated car driving. <i>Applied Ergonomics</i> , 2009, 40, 929-935.	1.7	71
106	The inner experience of time. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2009, 364, 1955-1967.	1.8	241
107	Perception of Temporal Order: The Effects of Age, Sex, and Cognitive Factors. <i>Aging, Neuropsychology, and Cognition</i> , 2009, 16, 183-202.	0.7	55
108	How impulsiveness, trait anger, and extracurricular activities might affect aggression in school children. <i>Personality and Individual Differences</i> , 2008, 45, 618-623.	1.6	29

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109	Reduced Behavioral and Neural Activation in Stimulant Users to Different Error Rates during Decision Making. <i>Biological Psychiatry</i> , 2008, 63, 1054-1060.	0.7	40
110	Effects of varied doses of psilocybin on time interval reproduction in human subjects. <i>Neuroscience Letters</i> , 2008, 435, 51-55.	1.0	57
111	Decision making, impulsivity and time perception. <i>Trends in Cognitive Sciences</i> , 2008, 12, 7-12.	4.0	458
112	Accumulation of Neural Activity in the Posterior Insula Encodes the Passage of Time. <i>Nature Precedings</i> , 2008, , .	0.1	6
113	Auditory language comprehension of temporally reversed speech signals in native and non-native speakers. <i>Acta Neurobiologiae Experimentalis</i> , 2008, 68, 204-13.	0.4	21
114	Impaired time perception and motor timing in stimulant-dependent subjects. <i>Drug and Alcohol Dependence</i> , 2007, 90, 183-192.	1.6	140
115	Effects of psilocybin on time perception and temporal control of behaviour in humans. <i>Journal of Psychopharmacology</i> , 2007, 21, 50-64.	2.0	172
116	Temporal reproduction: Further evidence for two processes. <i>Acta Psychologica</i> , 2007, 125, 51-65.	0.7	77
117	Time and decision making: differential contribution of the posterior insular cortex and the striatum during a delay discounting task. <i>Experimental Brain Research</i> , 2007, 179, 643-653.	0.7	224
118	Social Jetlag: Misalignment of Biological and Social Time. <i>Chronobiology International</i> , 2006, 23, 497-509.	0.9	1,835
119	Effects of display position of a visual in-vehicle task on simulated driving. <i>Applied Ergonomics</i> , 2006, 37, 187-199.	1.7	131
120	Temporal processing and context dependency of phoneme discrimination in patients with aphasia. <i>Brain and Language</i> , 2006, 98, 1-11.	0.8	37
121	The relation between the experience of time and psychological distress in patients with hematological malignancies. <i>Palliative and Supportive Care</i> , 2006, 4, 357-363.	0.6	61
122	Effects of working permanent night shifts and two shifts on cognitive and psychomotor performance. <i>International Archives of Occupational and Environmental Health</i> , 2005, 78, 109-116.	1.1	35
123	Age Effects in Perception of Time. <i>Psychological Reports</i> , 2005, 97, 921-935.	0.9	137
124	AGE EFFECTS IN PERCEPTION OF TIME. <i>Psychological Reports</i> , 2005, 97, 921.	0.9	56
125	Assessment of auditory temporal-order thresholds - a comparison of different measurement procedures and the influences of age and gender. <i>Restorative Neurology and Neuroscience</i> , 2005, 23, 281-96.	0.4	30
126	Effects of brain-lesion size and location on temporal-order judgment. <i>NeuroReport</i> , 2004, 15, 2401-2405.	0.6	46

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127	Time and language--critical remarks on diagnosis and training methods of temporal-order judgment. <i>Acta Neurobiologiae Experimentalis</i> , 2004, 64, 341-8.	0.4	17
128	Measurement of temporal-order judgment in children. <i>Acta Neurobiologiae Experimentalis</i> , 2004, 64, 387-94.	0.4	11
129	Sex Differences in Perception of Temporal Order. <i>Perceptual and Motor Skills</i> , 2003, 96, 105-112.	0.6	21
130	Effects of Age and Memory Grouping on Simulated Car Driving. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2002, 46, 1853-1857.	0.2	4
131	Cortical involvement in temporal reproduction: evidence for differential roles of the hemispheres. <i>Neuropsychologia</i> , 2002, 40, 357-366.	0.7	97
132	Hemispheric specialisation for self-paced motor sequences. <i>Cognitive Brain Research</i> , 2001, 10, 341-344.	3.3	36
133	A system for the assessment and training of temporal-order discrimination. <i>Computer Methods and Programs in Biomedicine</i> , 2001, 64, 125-131.	2.6	12
134	Temporal mechanisms of the brain as fundamentals of communication " with special reference to music perception and performance. <i>Musicae Scientiae</i> , 1999, 3, 13-28.	2.2	40
135	Time Perception and Temporal Processing Levels of the Brain. <i>Chronobiology International</i> , 1999, 16, 17-32.	0.9	122
136	Auditory temporal-order judgement is impaired in patients with cortical lesions in posterior regions of the left hemisphere. <i>Neuroscience Letters</i> , 1999, 264, 168-171.	1.0	68
137	Daily Rhythm of Temporal Resolution in the Auditory System. <i>Cortex</i> , 1999, 35, 89-100.	1.1	57
138	Temporal constraints of perceiving, generating, and integrating information: Clinical indications. <i>Restorative Neurology and Neuroscience</i> , 1999, 14, 167-182.	0.4	9
139	Timing in perceptual and motor tasks after disturbances of the brain. <i>Advances in Psychology</i> , 1996, 115, 281-304.	0.1	16
140	Neurobiologie des Lesens. , 0, , .		3
141	The German version of a retroactive priming task shows mixed effects.. <i>Psychology of Consciousness: Theory Research, and Practice</i> , 0, , .	0.3	1
142	Sex Differences in Perception of Temporal Order. , 0, .		2
143	Mindfulness Meditation Influences Implicit but Not Explicit Coding of Temporal Simultaneity. <i>Journal of Cognitive Enhancement: Towards the Integration of Theory and Practice</i> , 0, , 1.	0.8	2