

Mattie Tops

List of Publications by Year in descending order

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Version: 2024-02-01

85
papers

4,579
citations

101543

36
h-index

106344

65
g-index

87
all docs

87
docs citations

87
times ranked

5486
citing authors

#	ARTICLE	IF	CITATIONS
1	Mental fatigue: Costs and benefits. <i>Brain Research Reviews</i> , 2008, 59, 125-139.	9.0	719
2	Oxytocin Modulates Amygdala, Insula, and Inferior Frontal Gyrus Responses to Infant Crying: A Randomized Controlled Trial. <i>Biological Psychiatry</i> , 2011, 70, 291-297.	1.3	363
3	Caffeine, fatigue, and cognition. <i>Brain and Cognition</i> , 2003, 53, 82-94.	1.8	252
4	Error-related ERP components and individual differences in punishment and reward sensitivity. <i>Brain Research</i> , 2006, 1101, 92-101.	2.2	200
5	No Laughing Matter: Intranasal Oxytocin Administration Changes Functional Brain Connectivity during Exposure to Infant Laughter. <i>Neuropsychopharmacology</i> , 2012, 37, 1257-1266.	5.4	164
6	Anxiety, cortisol, and attachment predict plasma oxytocin. <i>Psychophysiology</i> , 2007, 44, 444-449.	2.4	155
7	A Potential Role of the Inferior Frontal Gyrus and Anterior Insula in Cognitive Control, Brain Rhythms, and Event-Related Potentials. <i>Frontiers in Psychology</i> , 2011, 2, 330.	2.1	143
8	Why social attachment and oxytocin protect against addiction and stress: Insights from the dynamics between ventral and dorsal corticostriatal systems. <i>Pharmacology Biochemistry and Behavior</i> , 2014, 119, 39-48.	2.9	133
9	Individual differences underlying susceptibility to addiction: Role for the endogenous oxytocin system. <i>Pharmacology Biochemistry and Behavior</i> , 2014, 119, 22-38.	2.9	111
10	Oxytocin decreases handgrip force in reaction to infant crying in females without harsh parenting experiences. <i>Social Cognitive and Affective Neuroscience</i> , 2012, 7, 951-957.	3.0	93
11	A theory of social thermoregulation in human primates. <i>Frontiers in Psychology</i> , 2015, 6, 464.	2.1	93
12	Sensitivity to punishment and reward omission: Evidence from error-related ERP components. <i>Biological Psychology</i> , 2008, 79, 185-192.	2.2	88
13	Task engagement and the relationships between the error-related negativity, agreeableness, behavioral shame proneness and cortisol. <i>Psychoneuroendocrinology</i> , 2006, 31, 847-858.	2.7	86
14	State of the art on targeted memory reactivation: Sleep your way to enhanced cognition. <i>Sleep Medicine Reviews</i> , 2017, 32, 123-131.	8.5	84
15	Oxytocin effects on complex brain networks are moderated by experiences of maternal love withdrawal. <i>European Neuropsychopharmacology</i> , 2013, 23, 1288-1295.	0.7	83
16	Mindfulness, Resilience, and Burnout Subtypes in Primary Care Physicians: The Possible Mediating Role of Positive and Negative Affect. <i>Frontiers in Psychology</i> , 2015, 6, 1895.	2.1	81
17	Slow Life History Strategies and Slow Updating of Internal Models: The Examples of Conscientiousness and Obsessive-Compulsive Disorder. <i>Psychological Inquiry</i> , 2014, 25, 376-384.	0.9	77
18	Serotonin: Modulator of a drive to withdraw. <i>Brain and Cognition</i> , 2009, 71, 427-436.	1.8	76

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19	Four decades of research on alexithymia: moving toward clinical applications. <i>Frontiers in Psychology</i> , 2013, 4, 861.	2.1	71
20	Absorbed in the task: Personality measures predict engagement during task performance as tracked by error negativity and asymmetrical frontal activity. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2010, 10, 441-453.	2.0	69
21	The Impact of Oxytocin Administration on Charitable Donating is Moderated by Experiences of Parental Love-Withdrawal. <i>Frontiers in Psychology</i> , 2011, 2, 258.	2.1	69
22	Rejection sensitivity relates to hypocortisolism and depressed mood state in young women. <i>Psychoneuroendocrinology</i> , 2008, 33, 551-559.	2.7	68
23	Internally directed cognition and mindfulness: an integrative perspective derived from predictive and reactive control systems theory. <i>Frontiers in Psychology</i> , 2014, 5, 429.	2.1	64
24	Acute cortisol effects on immediate free recall and recognition of nouns depend on stimulus valence. <i>Psychophysiology</i> , 2003, 40, 167-173.	2.4	62
25	Acute cortisol administration modulates EEG alpha asymmetry in volunteers: relevance to depression. <i>Biological Psychology</i> , 2005, 69, 181-193.	2.2	59
26	Does a single session of reading literary fiction prime enhanced mentalising performance? Four replication experiments of Kidd and Castano (2013). <i>Cognition and Emotion</i> , 2018, 32, 130-144.	2.0	57
27	Cortisol involvement in mechanisms of behavioral inhibition. <i>Psychophysiology</i> , 2011, 48, 723-732.	2.4	54
28	Toward a radically embodied neuroscience of attachment and relationships. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 266.	2.0	45
29	Free recall of pleasant words from recency positions is especially sensitive to acute administration of cortisol. <i>Psychoneuroendocrinology</i> , 2004, 29, 327-338.	2.7	43
30	Oxytocin Receptor Gene Associated with the Efficiency of Social Auditory Processing. <i>Frontiers in Psychiatry</i> , 2011, 2, 60.	2.6	43
31	The role of oxytocin in familiarization-habituation responses to social novelty. <i>Frontiers in Psychology</i> , 2013, 4, 761.	2.1	42
32	Relative frontal brain asymmetry and cortisol release after social stress: The role of action orientation. <i>Biological Psychology</i> , 2016, 115, 86-93.	2.2	42
33	State-dependent regulation of cortical activity by cortisol: An EEG study. <i>Neuroscience Letters</i> , 2006, 404, 39-43.	2.1	41
34	The Psychobiology of Burnout: Are There Two Different Syndromes?. <i>Neuropsychobiology</i> , 2007, 55, 143-150.	1.9	41
35	Large-scale neural networks and the lateralization of motivation and emotion. <i>International Journal of Psychophysiology</i> , 2017, 119, 41-49.	1.0	41
36	The impact of oxytocin administration and maternal love withdrawal on event-related potential (ERP) responses to emotional faces with performance feedback. <i>Hormones and Behavior</i> , 2013, 63, 399-410.	2.1	38

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37	The Dynamics of Personality Approach (DPA): 20 Tenets for Uncovering the Causal Mechanisms of Personality. <i>European Journal of Personality</i> , 2020, 34, 947-968.	3.1	37
38	Individual differences in emotional expressivity predict oxytocin responses to cortisol administration: Relevance to breast cancer?. <i>Biological Psychology</i> , 2007, 75, 119-123.	2.2	33
39	Asymmetric frontal brain activity and parental rejection predict altruistic behavior: Moderation of oxytocin effects. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2012, 12, 382-392.	2.0	33
40	Brain substrates of behavioral programs associated with self-regulation. <i>Frontiers in Psychology</i> , 2010, 1, 152.	2.1	32
41	Go with the flow: A neuroscientific view on being fully engaged. <i>European Journal of Neuroscience</i> , 2021, 53, 947-963.	2.6	32
42	Love withdrawal is related to heightened processing of faces with emotional expressions and incongruent emotional feedback: Evidence from ERPs. <i>Biological Psychology</i> , 2011, 86, 307-313.	2.2	31
43	Salivary levels of oxytocin remain elevated for more than two hours after intranasal oxytocin administration. <i>Neuroendocrinology Letters</i> , 2012, 33, 21-5.	0.2	31
44	Acute cortisol administration reduces subjective fatigue in healthy women. <i>Psychophysiology</i> , 2006, 43, 653-656.	2.4	27
45	Effects of attachment-based compassion therapy (ABCT) on brain-derived neurotrophic factor and low-grade inflammation among fibromyalgia patients: A randomized controlled trial. <i>Scientific Reports</i> , 2019, 9, 15639.	3.3	23
46	Neuroticism, recall bias and attention bias for valenced probes: a twin study. <i>Psychological Medicine</i> , 2009, 39, 45-54.	4.5	21
47	Oxytocin: Envy or Engagement in Others?. <i>Biological Psychiatry</i> , 2010, 67, e5-e6.	1.3	20
48	The Pe of Perfectionism. <i>Journal of Psychophysiology</i> , 2013, 27, 84-94.	0.7	19
49	Cortisol-Induced Increases of Plasma Oxytocin Levels Predict Decreased Immediate Free Recall of Unpleasant Words. <i>Frontiers in Psychiatry</i> , 2012, 3, 43.	2.6	17
50	Integration of negative experiences: A neuropsychological framework for human resilience. <i>Behavioral and Brain Sciences</i> , 2015, 38, e116.	0.7	17
51	Individual Differences in Asymmetric Resting-State Frontal Cortical Activity Modulate ERPs and Performance in a Global-Local Attention Task. <i>Journal of Psychophysiology</i> , 2012, 26, 51-62.	0.7	17
52	Modulation of rotational behavior in healthy volunteers by cortisol administration. <i>Biological Psychology</i> , 2006, 71, 240-243.	2.2	16
53	“What’s that?” “What Went Wrong?” Positive and Negative Surprise and the Rostral “Ventral to Caudal” Dorsal Functional Gradient in the Brain. <i>Frontiers in Psychology</i> , 2012, 3, 21.	2.1	16
54	Getting lost in a story: how narrative engagement emerges from narrative perspective and individual differences in alexithymia. <i>Cognition and Emotion</i> , 2021, 35, 576-588.	2.0	15

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55	The role of oxytocin and alexithymia in the therapeutic process. <i>Frontiers in Psychology</i> , 2014, 5, 1074.	2.1	14
56	Life history strategy and stress: An effect of stressful life events, coping strategies, or both?. <i>Personality and Individual Differences</i> , 2018, 135, 277-285.	2.9	14
57	The Neuroscience of the Flow State: Involvement of the Locus Coeruleus Norepinephrine System. <i>Frontiers in Psychology</i> , 2021, 12, 645498.	2.1	14
58	Posing for success: Clenching a fist facilitates approach. <i>Psychonomic Bulletin and Review</i> , 2006, 13, 229-234.	2.8	13
59	Social anxiety and the cortisol response to social evaluation in children and adolescents. <i>Psychoneuroendocrinology</i> , 2017, 78, 159-167.	2.7	13
60	Personality, Stress, and Intuition: Emotion Regulation Abilities Moderate the Effect of Stress-Dependent Cortisol Increase on Coherence Judgments. <i>Frontiers in Psychology</i> , 2020, 11, 339.	2.1	13
61	Mindfulness-Based Program Plus Amygdala and Insula Retraining (MAIR) for the Treatment of Women with Fibromyalgia: A Pilot Randomized Controlled Trial. <i>Journal of Clinical Medicine</i> , 2020, 9, 3246.	2.4	11
62	Possible involvement of oxytocin in modulating the stress response in lactating dairy cows. <i>Frontiers in Psychology</i> , 2014, 5, 951.	2.1	10
63	Effects of simulated interpersonal touch and trait intrinsic motivation on the error-related negativity. <i>Neuroscience Letters</i> , 2016, 617, 134-138.	2.1	10
64	Subjective effort derives from a neurological monitor of performance costs and physiological resources. <i>Behavioral and Brain Sciences</i> , 2013, 36, 703-704.	0.7	9
65	Protective Inhibition of Self-Regulation and Motivation: Extending a Classic Pavlovian Principle to Social and Personality Functioning. , 2015, , 69-85.		9
66	A Theory of Social Thermoregulation in Human Primates. <i>SSRN Electronic Journal</i> , 0, , .	0.4	8
67	Bored but not depleted: Protective Inhibition of Self-regulation and Motivation (PRISM). <i>Cortex</i> , 2017, 96, 130-133.	2.4	6
68	Too Much of a Good Thing: A Neuro-Dynamic Personality Model Explaining Engagement and Its Protective Inhibition. <i>Advances in Motivation and Achievement: A Research Annual</i> , 2016, , 283-319.	0.3	5
69	Perceptual Sensitivity and Response to Strong Stimuli Are Related. <i>Frontiers in Psychology</i> , 2017, 8, 1642.	2.1	5
70	Toward a Radically Embodied Neuroscience of Attachment and Relationships?. <i>SSRN Electronic Journal</i> , 0, , .	0.4	5
71	Re: "The effect of cortisol on emotional responses depends on order of cortisol and placebo administration in a within-subject design" by Wirth et al.. <i>Psychoneuroendocrinology</i> , 2011, 36, 1097-1098.	2.7	4
72	Are the insular cortex and cortisol implicated in Parkinsonian features?. <i>Parkinsonism and Related Disorders</i> , 2006, 12, 467-471.	2.2	3

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73	Doubts about actions and flanker incongruity-related potentials and performance. <i>Neuroscience Letters</i> , 2012, 516, 130-134.	2.1	3
74	Internally-Directed Cognition and Mindfulness: An Integrative Perspective Derived from Reactive versus Predictive Control Systems Theory. <i>SSRN Electronic Journal</i> , 0, , .	0.4	3
75	An Updated Update to Personality and Error Monitoring. <i>Frontiers in Human Neuroscience</i> , 2012, 6, 283.	2.0	2
76	Envy: The biochemical substrates. <i>Biochemist</i> , 2013, 35, 26-32.	0.5	2
77	Aggression, predictability of the environment, and self-regulation: Reconciliation with animal research. <i>Behavioral and Brain Sciences</i> , 2017, 40, e97.	0.7	1
78	Within-subject effects and the social habituation function of oxytocin. <i>Hormones and Behavior</i> , 2017, 96, 1.	2.1	1
79	Commentary: Intranasal Oxytocin Treatment Increases Eye-Gaze Behavior toward the Owner in Ancient Japanese Dog Breeds. <i>Frontiers in Psychology</i> , 2018, 9, 1473.	2.1	1
80	Personality dynamics in the brain: Individual differences in updating of representations and their phylogenetic roots. , 2021, , 125-154.		1
81	A role of serotonin and the insula in vigor: Tracking environmental and physiological resources. <i>Behavioral and Brain Sciences</i> , 2021, 44, e136.	0.7	1
82	Overlapping neural systems underlying "incentive hope" and apprehension. <i>Behavioral and Brain Sciences</i> , 2019, 42, e54.	0.7	1
83	Oxytocin and the familiarization-habituation response. <i>Psychoneuroendocrinology</i> , 2014, 45, 211.	2.7	0
84	Intranasal oxytocin administration engenders blocked vasopressin homeostatic responses but no salivary vasopressin increases. <i>Peptides</i> , 2015, 74, 70-71.	2.4	0
85	Data on simulated interpersonal touch, individual differences and the error-related negativity. <i>Data in Brief</i> , 2016, 7, 1327-1330.	1.0	0