

# Manfred Schedlowski

## List of Publications by Citations

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**Version:** 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

75  
papers

2,170  
citations

26  
h-index

45  
g-index

78  
ext. papers

2,758  
ext. citations

9.2  
avg, IF

5.23  
L-index

#	Paper	IF	Citations
75	The placebo response in medicine: minimize, maximize or personalize?. <i>Nature Reviews Drug Discovery</i> , <b>2013</b> , 12, 191-204	64.1	396
74	Neuro-Bio-Behavioral Mechanisms of Placebo and Nocebo Responses: Implications for Clinical Trials and Clinical Practice. <i>Pharmacological Reviews</i> , <b>2015</b> , 67, 697-730	22.5	182
73	Endotoxin-induced experimental systemic inflammation in humans: a model to disentangle immune-to-brain communication. <i>Brain, Behavior, and Immunity</i> , <b>2014</b> , 35, 1-8	16.6	127
72	The learned immune response: Pavlov and beyond. <i>Brain, Behavior, and Immunity</i> , <b>2010</b> , 24, 176-85	16.6	90
71	Prenatal immune activation causes hippocampal synaptic deficits in the absence of overt microglia anomalies. <i>Brain, Behavior, and Immunity</i> , <b>2016</b> , 55, 25-38	16.6	83
70	Neural substrates for behaviorally conditioned immunosuppression in the rat. <i>Journal of Neuroscience</i> , <b>2005</b> , 25, 2330-7	6.6	75
69	Inflammation-induced hyperalgesia: effects of timing, dosage, and negative affect on somatic pain sensitivity in human experimental endotoxemia. <i>Brain, Behavior, and Immunity</i> , <b>2014</b> , 41, 46-54	16.6	69
68	Men and women differ in inflammatory and neuroendocrine responses to endotoxin but not in the severity of sickness symptoms. <i>Brain, Behavior, and Immunity</i> , <b>2016</b> , 52, 18-26	16.6	62
67	Mood disturbance during experimental endotoxemia: Predictors of state anxiety as a psychological component of sickness behavior. <i>Brain, Behavior, and Immunity</i> , <b>2016</b> , 57, 30-37	16.6	57
66	Learning pain-related fear: neural mechanisms mediating rapid differential conditioning, extinction and reinstatement processes in human visceral pain. <i>Neurobiology of Learning and Memory</i> , <b>2014</b> , 116, 36-45	3.1	53
65	Alterations in functional connectivity of resting state networks during experimental endotoxemia - An exploratory study in healthy men. <i>Brain, Behavior, and Immunity</i> , <b>2016</b> , 54, 17-26	16.6	52
64	Psychosocial Stress Increases Salivary Alpha-Amylase Activity Independently from Plasma Noradrenaline Levels. <i>PLoS ONE</i> , <b>2015</b> , 10, e0134561	3.7	47
63	Learned immunosuppressive placebo responses in renal transplant patients. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, 4223-4227	11.5	45
62	Repeated recall of learned immunosuppression: evidence from rats and men. <i>Brain, Behavior, and Immunity</i> , <b>2011</b> , 25, 1444-51	16.6	44
61	Neural underpinnings of nocebo hyperalgesia in visceral pain: A fMRI study in healthy volunteers. <i>NeuroImage</i> , <b>2015</b> , 120, 114-22	7.9	41
60	Endotoxin-initiated inflammation reduces testosterone production in men of reproductive age. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2018</b> , 314, E206-E213	6	38
59	Renal Transplant Recipients Treated with Calcineurin-Inhibitors Lack Circulating Immature Transitional CD19+CD24hiCD38hi Regulatory B-Lymphocytes. <i>PLoS ONE</i> , <b>2016</b> , 11, e0153170	3.7	37

58	Calcineurin inhibition in splenocytes induced by pavlovian conditioning. <i>FASEB Journal</i> , <b>2009</b> , 23, 1161-7	0.9	36
57	Neural circuitry mediating inflammation-induced central pain amplification in human experimental endotoxemia. <i>Brain, Behavior, and Immunity</i> , <b>2015</b> , 48, 222-31	16.6	35
56	Experimental human endotoxemia enhances brain activity during social cognition. <i>Social Cognitive and Affective Neuroscience</i> , <b>2014</b> , 9, 786-93	4	34
55	Comparison of bacterial lipopolysaccharide-induced sickness behavior in rodents and humans: Relevance for symptoms of anxiety and depression. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2020</b> , 115, 15-24	9	32
54	Catechol-O-methyltransferase Val158Met polymorphism is associated with somatosensory amplification and nocebo responses. <i>PLoS ONE</i> , <b>2014</b> , 9, e107665	3.7	32
53	Acute systemic rapamycin induces neurobehavioral alterations in rats. <i>Behavioural Brain Research</i> , <b>2014</b> , 273, 16-22	3.4	29
52	Effects of acute systemic inflammation on the interplay between sad mood and affective cognition. <i>Translational Psychiatry</i> , <b>2017</b> , 7, 1281	8.6	27
51	Peripheral Immune Alterations in Major Depression: The Role of Subtypes and Pathogenetic Characteristics. <i>Frontiers in Psychiatry</i> , <b>2017</b> , 8, 250	5	27
50	The sympathetic nervous system modulates CD4(+)Foxp3(+) regulatory T cells via noradrenaline-dependent apoptosis in a murine model of lymphoproliferative disease. <i>Brain, Behavior, and Immunity</i> , <b>2014</b> , 38, 100-10	16.6	26
49	Sex differences in the pro-inflammatory cytokine response to endotoxin unfold in vivo but not ex vivo in healthy humans. <i>Innate Immunity</i> , <b>2017</b> , 23, 432-439	2.7	23
48	Memory-updating abrogates extinction of learned immunosuppression. <i>Brain, Behavior, and Immunity</i> , <b>2016</b> , 52, 40-48	16.6	22
47	Sick for science: experimental endotoxemia as a translational tool to develop and test new therapies for inflammation-associated depression. <i>Molecular Psychiatry</i> , <b>2021</b> , 26, 3672-3683	15.1	21
46	Pavlovian Conditioning of Immunological and Neuroendocrine Functions. <i>Physiological Reviews</i> , <b>2020</b> , 100, 357-405	47.9	20
45	Fatigue and sleepiness responses to experimental inflammation and exploratory analysis of the effect of baseline inflammation in healthy humans. <i>Brain, Behavior, and Immunity</i> , <b>2020</b> , 83, 309-314	16.6	19
44	Applications and limitations of behaviorally conditioned immunopharmacological responses. <i>Neurobiology of Learning and Memory</i> , <b>2017</b> , 142, 91-98	3.1	17
43	Repeated Systemic Treatment with Rapamycin Affects Behavior and Amygdala Protein Expression in Rats. <i>International Journal of Neuropsychopharmacology</i> , <b>2018</b> , 21, 592-602	5.8	17
42	To stress or not to stress: Brain-behavior-immune interaction may weaken or promote the immune response to SARS-CoV-2. <i>Neurobiology of Stress</i> , <b>2021</b> , 14, 100296	7.6	16
41	Pro-Inflammatory Th1 and Th17 Cells Are Suppressed During Human Experimental Endotoxemia Whereas Anti-Inflammatory IL-10 Producing T-Cells Are Unaffected. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 1133	8.4	15

40	Granzyme B producing B-cells in renal transplant patients. <i>Clinical Immunology</i> , <b>2017</b> , 184, 48-53	9	14
39	Placebo Effects in the Immune System. <i>International Review of Neurobiology</i> , <b>2018</b> , 138, 39-59	4.4	14
38	Altered temporal variance and functional connectivity of BOLD signal is associated with state anxiety during acute systemic inflammation. <i>NeuroImage</i> , <b>2019</b> , 184, 916-924	7.9	14
37	Nasal administration of mitochondria reverses chemotherapy-induced cognitive deficits. <i>Theranostics</i> , <b>2021</b> , 11, 3109-3130	12.1	14
36	Exogenous oxytocin reduces signs of sickness behavior and modifies heart rate fluctuations of endotoxemic rats. <i>Physiology and Behavior</i> , <b>2016</b> , 165, 223-30	3.5	13
35	Pre-exposure to the unconditioned or conditioned stimulus does not affect learned immunosuppression in rats. <i>Brain, Behavior, and Immunity</i> , <b>2016</b> , 51, 252-257	16.6	13
34	Oxytocin's role on the cardiorespiratory activity of endotoxemic rats. <i>Respiratory Physiology and Neurobiology</i> , <b>2017</b> , 236, 19-22	2.8	13
33	Low dose LPS does not increase TLR4 expression on monocytes in a human in vivo model. <i>Cytokine</i> , <b>2013</b> , 63, 74-80	4	12
32	Can a brief psychological expectancy intervention improve postoperative pain? A randomized, controlled trial in patients with breast cancer. <i>Pain</i> , <b>2019</b> , 160, 1562-1571	8	11
31	Salivary alpha-amylase and noradrenaline responses to corticotropin-releasing hormone administration in humans. <i>Biological Psychology</i> , <b>2017</b> , 127, 34-39	3.2	10
30	Neurobehavioral consequences of small molecule-drug immunosuppression. <i>Neuropharmacology</i> , <b>2015</b> , 96, 83-93	5.5	10
29	Transient inhibition of protein synthesis in the rat insular cortex delays extinction of conditioned taste aversion with cyclosporine A. <i>Neurobiology of Learning and Memory</i> , <b>2016</b> , 133, 129-135	3.1	10
28	Does Human Experimental Endotoxemia Impact Negative Cognitions Related to the Self?. <i>Frontiers in Behavioral Neuroscience</i> , <b>2018</b> , 12, 183	3.5	9
27	Behavioral conditioning of anti-proliferative and immunosuppressive properties of the mTOR inhibitor rapamycin. <i>Brain, Behavior, and Immunity</i> , <b>2019</b> , 79, 326-331	16.6	5
26	Short-term treatment with the calcineurin inhibitor cyclosporine A decreases HPA axis activity and plasma noradrenaline levels in healthy male volunteers. <i>Pharmacology Biochemistry and Behavior</i> , <b>2014</b> , 126, 73-6	3.9	5
25	Plasma cortisol response cannot be classically conditioned in a taste-endocrine paradigm in humans. <i>Psychopharmacology</i> , <b>2017</b> , 234, 3249-3257	4.7	5
24	Glioma: molecular signature and crossroads with tumor microenvironment. <i>Cancer and Metastasis Reviews</i> , <b>2021</b> , 1	9.6	5
23	Rats taste-aversive learning with cyclosporine a is not affected by contextual changes. <i>Behavioural Brain Research</i> , <b>2016</b> , 312, 169-73	3.4	5

22	B-cell dynamics during experimental endotoxemia in humans. <i>Bioscience Reports</i> , <b>2019</b> , 39,	4.1	4
21	Postpartal Affective and Endocrine Differences Between Parents of Preterm and Full-Term Infants. <i>Frontiers in Psychiatry</i> , <b>2020</b> , 11, 251	5	4
20	No pills, more skills: The adverse effect of hormonal contraceptive use on exposure therapy benefit. <i>Journal of Psychiatric Research</i> , <b>2019</b> , 119, 95-101	5.2	4
19	Psychosocial burden and body mass index are associated with dermatology-related quality of life in psoriasis patients. <i>European Journal of Dermatology</i> , <b>2020</b> , 30, 140-147	0.8	3
18	Symbolic analysis of heart rate fluctuations identifies cardiac autonomic modifications during LPS-induced endotoxemia. <i>Autonomic Neuroscience: Basic and Clinical</i> , <b>2019</b> , 221, 102577	2.4	3
17	Learned Immunosuppressive Placebo Response Attenuates Disease Progression in a Rodent Model of Rheumatoid Arthritis. <i>Arthritis and Rheumatology</i> , <b>2020</b> , 72, 588-597	9.5	3
16	Inhibition of catecholamine degradation ameliorates while chemical sympathectomy aggravates the severity of acute Friend retrovirus infection in mice. <i>Brain, Behavior, and Immunity</i> , <b>2016</b> , 54, 252-259	16.6	3
15	Are Adverse Events Induced by the Acute Administration of Calcineurin Inhibitor Cyclosporine A Behaviorally Conditioned in Healthy Male Volunteers?. <i>Clinical Therapeutics</i> , <b>2018</b> , 40, 1868-1877	3.5	3
14	Behaviorally conditioned immunosuppression with cyclosporine A forms long lasting memory trace. <i>Behavioural Brain Research</i> , <b>2019</b> , 376, 112208	3.4	2
13	A step-by-step guide for microsurgical collection of uncontaminated cerebrospinal fluid from rat cisterna magna. <i>Journal of Neuroscience Methods</i> , <b>2021</b> , 352, 109085	3	2
12	Anterior insula morphology and vulnerability to psychopathology-related symptoms in response to acute inflammation. <i>Brain, Behavior, and Immunity</i> , <b>2022</b> , 99, 9-16	16.6	2
11	Dose-Dependent Acute Effects of Everolimus Administration on Immunological, Neuroendocrine and Psychological Parameters in Healthy Men. <i>Clinical and Translational Science</i> , <b>2020</b> , 13, 1251-1259	4.9	1
10	Salivary cortisol levels and anxiety in melanoma patients undergoing sentinel lymph node excision under local anesthesia versus general anesthesia: a prospective study. <i>World Journal of Surgical Oncology</i> , <b>2020</b> , 18, 53	3.4	1
9	Fluoride bioavailability in saliva during acute psychological stress. <i>Open Medicine (Poland)</i> , <b>2012</b> , 7, 481-489	2.1	1
8	Expectation-induced enhancement of pain, itch and quality of life in psoriasis patients: study protocol of a randomised controlled trial. <i>BMJ Open</i> , <b>2021</b> , 11, e047099	3	1
7	Assessment of Childbirth-Related PTSD: Psychometric Properties of the German Version of the City Birth Trauma Scale. <i>Frontiers in Psychiatry</i> , <b>2021</b> , 12, 731537	5	1
6	IL-8 and CRP moderate the effects of preoperative psychological interventions on postoperative long-term outcomes 6 months after CABG surgery - The randomized controlled PSY-HEART trial. <i>Brain, Behavior, and Immunity</i> , <b>2021</b> , 91, 202-211	16.6	1
5	Neurobehavioral effects in rats with experimentally induced glioblastoma after treatment with the mTOR-inhibitor rapamycin. <i>Neuropharmacology</i> , <b>2021</b> , 184, 108424	5.5	1

4	Treatment with the calcineurin inhibitor and immunosuppressant cyclosporine A impairs sensorimotor gating in Dark Agouti rats. <i>Psychopharmacology</i> , <b>2021</b> , 238, 1047-1057	4.7	1
3	Targeting the Meningeal Compartment to Resolve Chemobrain and Neuropathy via Nasal Delivery of Functionalized Mitochondria.. <i>Advanced Healthcare Materials</i> , <b>2022</b> , e2102153	10.1	0
2	Incomplete reminder cues trigger memory reconsolidation and sustain learned immune responses. <i>Brain, Behavior, and Immunity</i> , <b>2021</b> , 95, 115-121	16.6	0
1	Effects of Patients' Expectation in Dermatology: Evidence from Experimental and Clinical Placebo Studies and Implications for Dermatologic Practice and Research. <i>Dermatology</i> , <b>2021</b> , 237, 857-871	4.4	