Ronald Sladky

List of Publications by Year
in descending order

44 papers	1,896 citations	394421 19 h-index	289244 40 g-index
56 all docs	56 docs citations	56 times ranked	3012 citing authors

#	Article	IF	Citations
1	Slice-timing effects and their correction in functional MRI. NeuroImage, 2011, 58, 588-594.	4.2	309
2	Towards understanding rTMS mechanism of action: Stimulation of the DLPFC causes network-specific increase in functional connectivity. NeuroImage, 2017, 162, 289-296.	4.2	172
3	Disrupted Effective Connectivity Between the Amygdala and Orbitofrontal Cortex in Social Anxiety Disorder During Emotion Discrimination Revealed by Dynamic Causal Modeling for fMRI. Cerebral Cortex, 2015, 25, 895-903.	2.9	139
4	P300 amplitude variation is related to ventral striatum BOLD response during gain and loss anticipation: An EEG and fMRI experiment. NeuroImage, 2014, 96, 12-21.	4.2	129
5	Ultra‐high‐field fMRI insights on insight: Neural correlates of the Aha!‐moment. Human Brain Mapping, 2018, 39, 3241-3252.	3.6	98
6	Increased Neural Habituation in the Amygdala and Orbitofrontal Cortex in Social Anxiety Disorder Revealed by fMRI. PLoS ONE, 2012, 7, e50050.	2.5	82
7	Uncertainty during pain anticipation: The adaptive value of preparatory processes. Human Brain Mapping, 2015, 36, 744-755.	3.6	79
8	Stability of low-frequency fluctuation amplitudes in prolonged resting-state fMRI. NeuroImage, 2014, 103, 249-257.	4.2	76
9	High-resolution functional MRI of the human amygdala at 7T. European Journal of Radiology, 2013, 82, 728-733.	2.6	71
10	OpenNFT: An open-source Python/Matlab framework for real-time fMRI neurofeedback training based on activity, connectivity and multivariate pattern analysis. NeuroImage, 2017, 156, 489-503.	4.2	57
11	Testosterone affects language areas of the adult human brain. Human Brain Mapping, 2016, 37, 1738-1748.	3.6	47
12	Subcortical gray matter changes in transgender subjects after long-term cross-sex hormone administration. Psychoneuroendocrinology, 2016, 74, 371-379.	2.7	46
13	Comparing neural response to painful electrical stimulation with functional MRI at 3 and 7T. NeuroImage, 2013, 82, 336-343.	4.2	45
14	Voxel-based morphometry at ultra-high fields. A comparison of 7T and 3T MRI data. NeuroImage, 2015, 113, 207-216.	4.2	43
15	(S)-citalopram influences amygdala modulation in healthy subjects: a randomized placebo-controlled double-blind fMRI study using dynamic causal modeling. NeuroImage, 2015, 108, 243-250.	4.2	39
16	Self-regulation of the dopaminergic reward circuit in cocaine users with mental imagery and neurofeedback. EBioMedicine, 2018, 37, 489-498.	6.1	35
17	Unsmoothed functional MRI of the human amygdala and bed nucleus of the stria terminalis during processing of emotional faces. NeuroImage, 2018, 168, 383-391.	4.2	34
18	Reproducibility of amygdala activation in facial emotion processing at 7T. NeuroImage, 2020, 211, 116585.	4.2	34

#	ARTICLE	IF	CITATIONS
19	Can we predict real‐time <scp>fMRI</scp> neurofeedback learning success from pretraining brain activity?. Human Brain Mapping, 2020, 41, 3839-3854.	3.6	27
20	Comparison of continuously acquired resting state and extracted analogues from active tasks. Human Brain Mapping, 2015, 36, 4053-4063.	3.6	26
21	Valence-Dependent Coupling of Prefrontal-Amygdala Effective Connectivity during Facial Affect Processing. ENeuro, 2019, 6, ENEURO.0079-19.2019.	1.9	23
22	Hippocampal Subfields in Acute and Remitted Depression—an Ultra-High Field Magnetic Resonance Imaging Study. International Journal of Neuropsychopharmacology, 2019, 22, 513-522.	2.1	22
23	Predictors of real-time fMRI neurofeedback performance and improvement – A machine learning mega-analysis. NeuroImage, 2021, 237, 118207.	4.2	22
24	Task-dependent modulation of amygdala connectivity in social anxiety disorder. Psychiatry Research - Neuroimaging, 2017, 262, 39-46.	1.8	21
25	SmoCuDa: A Validated Smoking Cue Database to Reliably Induce Craving in Tobacco Use Disorder. European Addiction Research, 2021, 27, 107-114.	2.4	21
26	Modulations in resting state networks of subcortical structures linked to creativity. NeuroImage, 2019, 195, 311-319.	4.2	20
27	Antidepressant treatment, not depression, leads to reductions in behavioral and neural responses to pain empathy. Translational Psychiatry, 2019, 9, 164.	4.8	17
28	Neural Responses of Pet Dogs Witnessing Their Caregiver's Positive Interactions with a Conspecific: An fMRI Study. Cerebral Cortex Communications, 2021, 2, tgab047.	1.6	17
29	Individual Diversity of Functional Brain Network Economy. Brain Connectivity, 2015, 5, 156-165.	1.7	16
30	Neural dynamics between anterior insular cortex and right supramarginal gyrus dissociate genuine affect sharing from perceptual saliency of pretended pain. ELife, 2021, 10, .	6.0	16
31	Tailored haemodynamic response function increases detection power of fMRI in awake dogs (Canis) Tj ETQq1 1 0.784314 rgBT /Overlock	4.2	15
32	A highly parallelized framework for computationally intensive MR data analysis. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2012, 25, 313-320.	2.0	14
33	No time for drifting: Comparing performance and applicability of signal detrending algorithms for real-time fMRI. NeuroImage, 2019, 191, 421-429.	4.2	14
34	Beware detrending: Optimal preprocessing pipeline for low‐frequency fluctuation analysis. Human Brain Mapping, 2019, 40, 1571-1582.	3.6	14
35	Real-time fMRI data for testing OpenNFT functionality. Data in Brief, 2017, 14, 344-347.	1.0	10
36	Disentangling craving‐and valence‐related brain responses to smoking cues in individuals with nicotine use disorder. Addiction Biology, 2022, 27, e13083.	2.6	9

#	Article	IF	Citations
37	Targeting hippocampal hyperactivity with real-time fMRI neurofeedback: protocol of a single-blind randomized controlled trial in mild cognitive impairment. BMC Psychiatry, 2021, 21, 87.	2.6	8
38	Dynamic Causal Modeling of the Prefrontal/Amygdala Network During Processing of Emotional Faces. Brain Connectivity, 2022, 12, 670-682.	1.7	7
39	Neurobiological differences in mental rotation and instrument interpretation in airline pilots. Scientific Reports, 2016, 6, 28104.	3.3	6
40	Basolateral and central amygdala orchestrate how we learn whom to trust. Communications Biology, 2021, 4, 1329.	4.4	5
41	Detached empathic experience of others' pain in remitted states of depression – An fMRI study. NeuroImage: Clinical, 2021, 31, 102699.	2.7	4
42	Give me a pain that I am used to: distinct habituation patterns to painful and non-painful stimulation. Scientific Reports, 2021, 11, 22929.	3.3	2
43	Effective connectivity reveals distinctive patterns in response to others' genuine affective experience of disgust. NeuroImage, 2022, 259, 119404.	4.2	1
44	Dopaminergic neuromodulation has no detectable effect on visual-cue induced haemodynamic response function in the visual cortex: A double-blind, placebo-controlled functional magnetic resonance imaging study. Journal of Psychopharmacology, 2021, 35, 100-102.	4.0	0