Nicole R Zrcher

List of Publications by Year in Descending Order

52 papers	1,837 citations	26 h-index	42 g-index
56 ext. papers	2,252 ext. citations	6.4 avg, IF	4.45 L-index

#	Paper	IF	Citations
52	The pandemic brain: Neuroinflammation in non-infected individuals during the COVID-19 pandemic.. *Brain, Behavior, and Immunity*, **2022**, 102, 89-97	16.6	3
51	Epigenetics of Autism Spectrum Disorder: Histone Deacetylases.. *Biological Psychiatry*, **2021**,	7.9	1
50	Imaging Epigenetics of Prenatal THC. *ACS Chemical Neuroscience*, **2021**, 12, 1466-1468	5.7	1
49	[C]PBR28 MR-PET imaging reveals lower regional brain expression of translocator protein (TSPO) in young adult males with autism spectrum disorder. *Molecular Psychiatry*, **2021**, 26, 1659-1669	15.1	17
48	A simultaneous [C]raclopride positron emission tomography and functional magnetic resonance imaging investigation of striatal dopamine binding in autism. *Translational Psychiatry*, **2021**, 11, 33	8.6	11
47	Ibudilast (MN-166) in amyotrophic lateral sclerosis- an open label, safety and pharmacodynamic trial. *NeuroImage: Clinical*, **2021**, 30, 102672	5.3	3
46	Comparison of Two Clinical Upper Motor Neuron Burden Rating Scales in ALS Using Quantitative Brain Imaging. *ACS Chemical Neuroscience*, **2021**, 12, 906-916	5.7	3
45	Time Will Tell the Utility of Biomarkers. *ACS Chemical Neuroscience*, **2020**, 11, 1692-1695	5.7	1
44	Moving Toward Multicenter Therapeutic Trials in Amyotrophic Lateral Sclerosis: Feasibility of Data Pooling Using Different Translocator Protein PET Radioligands. *Journal of Nuclear Medicine*, **2020**, 61, 1621-1627	8.9	15
43	Extra-Axial Inflammatory Signal in Parameninges in Migraine with Visual Aura. *Annals of Neurology*, **2020**, 87, 939-949	9.4	24
42	In vivo human brain expression of histone deacetylases in bipolar disorder. *Translational Psychiatry*, **2020**, 10, 224	8.6	7
41	Tracing the History of the Human Translocator Protein to Recent Neurodegenerative and Psychiatric Imaging. *ACS Chemical Neuroscience*, **2020**, 11, 2192-2200	5.7	7
40	A Protocol for Sedation Free MRI and PET Imaging in Adults with Autism Spectrum Disorder. *Journal of Autism and Developmental Disorders*, **2019**, 49, 3036-3044	4.6	13
39	Imaging of neuroinflammation in migraine with aura: A [C]PBR28 PET/MRI study. *Neurology*, **2019**, 92, e2038-e2050	6.5	40
38	Class I and II histone deacetylase expression is not altered in human amyotrophic lateral sclerosis: Neuropathological and positron emission tomography molecular neuroimaging evidence. *Muscle and Nerve*, **2019**, 60, 443-452	3.4	6
37	Neuroepigenetic signatures of age and sex in the living human brain. *Nature Communications*, **2019**, 10, 2945	17.4	28
36	Developmental trajectories of neuroanatomical alterations associated with the 16p11.2 Copy Number Variations. *NeuroImage*, **2019**, 203, 116155	7.9	6

35	PET neuroimaging reveals histone deacetylase dysregulation in schizophrenia. *Journal of Clinical Investigation*, **2019**, 129, 364-372	15.9	34
34	Pupillary Contagion in Autism. *Psychological Science*, **2019**, 30, 309-315	7.9	8
33	A pilot trial of RNS60 in amyotrophic lateral sclerosis. *Muscle and Nerve*, **2019**, 59, 303-308	3.4	19
32	Influence of anxiety and alexithymia on brain activations associated with the perception of othersU pain in autism. *Social Neuroscience*, **2019**, 14, 359-377	2	10
31	Bumetanide for autism: more eye contact, less amygdala activation. *Scientific Reports*, **2018**, 8, 3602	4.9	44
30	Quantifying the Effects of 16p11.2 Copy Number Variants on Brain Structure: A Multisite Genetic-First Study. *Biological Psychiatry*, **2018**, 84, 253-264	7.9	33
29	Neuroinflammation in Huntingtonâ Disease: New Insights with C-PBR28 PET/MRI. *ACS Chemical Neuroscience*, **2018**, 9, 2563-2571	5.7	36
28	Imaging of glia activation in people with primary lateral sclerosis. *NeuroImage: Clinical*, **2018**, 17, 347-353	5.3	24
27	Pseudoreference Regions for Glial Imaging with C-PBR28: Investigation in 2 Clinical Cohorts. *Journal of Nuclear Medicine*, **2018**, 59, 107-114	8.9	26
26	Integrated magnetic resonance imaging and [C]-PBR28 positron emission tomographic imaging in amyotrophic lateral sclerosis. *Annals of Neurology*, **2018**, 83, 1186-1197	9.4	56
25	Integrated imaging of [C]-PBR28 PET, MR diffusion and magnetic resonance spectroscopy H-MRS in amyotrophic lateral sclerosis. *NeuroImage: Clinical*, **2018**, 20, 357-364	5.3	28
24	Effect of visual stimuli of pain on empathy brain network in people with and without Autism Spectrum Disorder. *European Journal of Neuroscience*, **2018**, 48, 2333-2342	3.5	3
23	The effect of constraining eye-contact during dynamic emotional face perception-an fMRI study. *Social Cognitive and Affective Neuroscience*, **2017**, 12, 1197-1207	4	18
22	Hypersensitivity to low intensity fearful faces in autism when fixation is constrained to the eyes. *Human Brain Mapping*, **2017**, 38, 5943-5957	5.9	22
21	Look me in the eyes: constraining gaze in the eye-region provokes abnormally high subcortical activation in autism. *Scientific Reports*, **2017**, 7, 3163	4.9	61
20	Glial activation colocalizes with structural abnormalities in amyotrophic lateral sclerosis. *Neurology*, **2016**, 87, 2554-2561	6.5	67
19	Insights into neuroepigenetics through human histone deacetylase PET imaging. *Science Translational Medicine*, **2016**, 8, 351ra106	17.5	66
18	Toward an immune-mediated subtype of autism spectrum disorder. *Brain Research*, **2015**, 1617, 72-92	3.7	63

17	Increased in vivo glial activation in patients with amyotrophic lateral sclerosis: assessed with [(11)C]-PBR28. *NeuroImage: Clinical*, **2015**, 7, 409-14	5.3	143
16	A systematic review of molecular imaging (PET and SPECT) in autism spectrum disorder: current state and future research opportunities. *Neuroscience and Biobehavioral Reviews*, **2015**, 52, 56-73	9	60
15	Improving emotional face perception in autism with diuretic bumetanide: a proof-of-concept behavioral and functional brain imaging pilot study. *Autism*, **2015**, 19, 149-57	6.6	71
14	Evidence for brain glial activation in chronic pain patients. *Brain*, **2015**, 138, 604-15	11.2	292
13	Dynamic functional imaging of brain glucose utilization using fPET-FDG. *NeuroImage*, **2014**, 100, 192-9	7.9	78
12	Emotional contagion for pain is intact in autism spectrum disorders. *Translational Psychiatry*, **2014**, 4, e343	8.6	78
11	Reply to KN Litwak and S Levin. *American Journal of Clinical Nutrition*, **2014**, 99, 211-2	7	
10	Poor nutrition during pregnancy and lactation negatively affects neurodevelopment of the offspring: evidence from a translational primate model. *American Journal of Clinical Nutrition*, **2013**, 98, 396-402	7	39
9	Perception of social cues of danger in autism spectrum disorders. *PLoS ONE*, **2013**, 8, e81206	3.7	24
8	It's all in the eyes: subcortical and cortical activation during grotesqueness perception in autism. *PLoS ONE*, **2013**, 8, e54313	3.7	36
7	Differences in white matter reflect atypical developmental trajectory in autism: A Tract-based Spatial Statistics study. *NeuroImage: Clinical*, **2012**, 1, 48-56	5.3	44
6	A 7 tesla FMRI study of amygdala responses to fearful faces. *Brain Topography*, **2012**, 25, 125-8	4.3	27
5	Discriminating grotesque from typical faces: evidence from the Thatcher illusion. *PLoS ONE*, **2011**, 6, e23340	3.7	9
4	Prenatal betamethasone exposure has sex specific effects in reversal learning and attention in juvenile baboons. *American Journal of Obstetrics and Gynecology*, **2011**, 204, 545.e1-10	6.4	37
3	CANTAB delayed matching to sample task performance in juvenile baboons. *Journal of Neuroscience Methods*, **2011**, 196, 258-63	3	25
2	Performance of juvenile baboons on neuropsychological tests assessing associative learning, motivation and attention. *Journal of Neuroscience Methods*, **2010**, 188, 219-25	3	26
1	Effects of prenatal dexamethasone treatment on physical growth, pituitary-adrenal hormones, and performance of motor, motivational, and cognitive tasks in juvenile and adolescent common marmoset monkeys. *Endocrinology*, **2008**, 149, 6343-55	4.8	44