Bruce Rosen

List of Publications by Citations

22 papers	10,302 citations	17 h-index	22 g-index
22 ext. papers	12,153 ext. citations	6.9 avg, IF	4.99 L-index

#	Paper	IF	Citations
22	Whole brain segmentation: automated labeling of neuroanatomical structures in the human brain. *Neuron*, **2002**, 33, 341-55	13.9	5627
21	Automatically parcellating the human cerebral cortex. *Cerebral Cortex*, **2004**, 14, 11-22	5.1	2867
20	Toward implementing an MRI-based PET attenuation-correction method for neurologic studies on the MR-PET brain prototype. *Journal of Nuclear Medicine*, **2010**, 51, 1431-8	8.9	379
19	Acupuncture de qi, from qualitative history to quantitative measurement. *Journal of Alternative and Complementary Medicine*, **2007**, 13, 1059-70	2.4	264
18	A functional magnetic resonance imaging study on the neural mechanisms of hyperalgesic nocebo effect. *Journal of Neuroscience*, **2008**, 28, 13354-62	6.6	199
17	Distributed deep learning networks among institutions for medical imaging. *Journal of the American Medical Informatics Association: JAMIA*, **2018**, 25, 945-954	8.6	137
16	Expectancy and treatment interactions: a dissociation between acupuncture analgesia and expectancy evoked placebo analgesia. *NeuroImage*, **2009**, 45, 940-9	7.9	129
15	An fMRI study on the interaction and dissociation between expectation of pain relief and acupuncture treatment. *NeuroImage*, **2009**, 47, 1066-76	7.9	127
14	Cortical surface-based analysis reduces bias and variance in kinetic modeling of brain PET data. *NeuroImage*, **2014**, 92, 225-36	7.9	122
13	Functional connectivity of the frontoparietal network predicts cognitive modulation of pain. *Pain*, **2013**, 154, 459-467	8	111
12	Advanced magnetic resonance imaging of the physical processes in human glioblastoma. *Cancer Research*, **2014**, 74, 4622-4637	10.1	97
11	Functional neuroanatomical investigation of vision-related acupuncture point specificity--a multisession fMRI study. *Human Brain Mapping*, **2009**, 30, 38-46	5.9	76
10	Acupuncture on GB34 activates the precentral gyrus and prefrontal cortex in Parkinsonʼs disease. *BMC Complementary and Alternative Medicine*, **2014**, 14, 336	4.7	41
9	Multivariate resting-state functional connectivity predicts responses to real and sham acupuncture treatment in chronic low back pain. *NeuroImage: Clinical*, **2019**, 23, 101885	5.3	32
8	Multimodality imaging and mathematical modelling of drug delivery to glioblastomas. *Interface Focus*, **2016**, 6, 20160039	3.9	25
7	Acupuncture Treatment Modulates the Connectivity of Key Regions of the Descending Pain Modulation and Reward Systems in Patients with Chronic Low Back Pain. *Journal of Clinical Medicine*, **2020**, 9,	5.1	22
6	Impaired mesocorticolimbic connectivity underlies increased pain sensitivity in chronic low back pain. *NeuroImage*, **2020**, 218, 116969	7.9	18

List of Publications

5	DeepNeuro: an open-source deep learning toolbox for neuroimaging. *Neuroinformatics*, **2021**, 19, 127-140	5.2	11
4	An Efficient Approach to Perform MR-assisted PET Data Optimization in Simultaneous PET/MR Neuroimaging Studies. *Journal of Nuclear Medicine*, **2018**,	8.9	10
3	3D Echo Planar Time-resolved Imaging (3D-EPTI) for ultrafast multi-parametric quantitative MRI.. *NeuroImage*, **2022**, 250, 118963	7.9	3
2	An international expert opinion statement on the utility of PET/MR for imaging of skeletal metastases. *European Journal of Nuclear Medicine and Molecular Imaging*, **2021**, 48, 1522-1537	8.8	3
1	3D Echo Planar Time-resolved Imaging (3D-EPTI) for ultrafast multi-parametric quantitative MRI		2