Mathieu L Roy

List of Publications by Year
in descending order

29 papers	3,051 citations	623734 14 h-index	552781 26 g-index
32 all docs	32 docs citations	32 times ranked	3824 citing authors

#	Article	IF	Citations
1	An fMRI-Based Neurologic Signature of Physical Pain. New England Journal of Medicine, 2013, 368, 1388-1397.	27.0	1,294
2	Ventromedial prefrontal-subcortical systems and the generation of affective meaning. Trends in Cognitive Sciences, 2012, 16, 147-156.	7.8	705
3	Distinct Brain Systems Mediate the Effects of Nociceptive Input and Self-Regulation on Pain. PLoS Biology, 2015, 13, e1002036.	5.6	222
4	Representation of aversive prediction errors in the human periaqueductal gray. Nature Neuroscience, 2014, 17, 1607-1612.	14.8	208
5	Quantifying cerebral contributions to pain beyond nociception. Nature Communications, 2017, 8, 14211.	12.8	144
6	A neuroimaging biomarker for sustained experimental and clinical pain. Nature Medicine, 2021, 27, 174-182.	30.7	108
7	Group-regularized individual prediction: theory and application to pain. NeuroImage, 2017, 145, 274-287.	4.2	59
8	Multiple Brain Networks Mediating Stimulusâ€“Pain Relationships in Humans. Cerebral Cortex, 2020, 30, 4204-4219.	2.9	46
9	Riverscape approaches in practice: perspectives and applications. Biological Reviews, 2022, 97, 481-504.	10.4	38
10	Pain-Evoked Reorganization in Functional Brain Networks. Cerebral Cortex, 2020, 30, 2804-2822.	2.9	37
11	Forced choices reveal a trade-off between cognitive effort and physical pain. ELife, 2020, 9, .	6.0	29
12	Effect sizes and test-retest reliability of the fMRI-based neurologic pain signature. NeuroImage, 2022, 247, 118844.	4.2	26
13	Individual variability in brain representations of pain. Nature Neuroscience, 2022, 25, 749-759.	14.8	20
14	Modelling functional fish habitat connectivity in rivers: A case study for prioritizing restoration actions targeting brown trout. Aquatic Conservation: Marine and Freshwater Ecosystems, 2017, 27, 927-937.	2.0	19
15	Distinct fMRI patterns colocalized in the cingulate cortex underlie the after-effects of cognitive control on pain. NeuroImage, 2020, 217, 116898.	4.2	18
16	Weighting Pain Avoidance and Reward Seeking: A Neuroeconomical Approach to Pain. Journal of Neuroscience, 2010, 30, 4185-4186.	3.6	17
17	Magnetoencephalography reveals increased slow-to-fast alpha power ratios in patients with chronic pain. Pain Reports, 2021, 6, e928.	2.7	13
18	The neural signature of the decision value of future pain. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	8

#	Article	IF	Citations
19	Different brain systems support learning from received and avoided pain during human pain-avoidance learning. ELife, 0, 11, .	6.0	8
20	Play the Pain: A Digital Strategy for Play-Oriented Research and Action. Frontiers in Psychiatry, 2021, 12, 746477.	2.6	6
21	Could Brain Decoding Machines Change Our Minds?. Trends in Cognitive Sciences, 2020, 24, 856-858.	7.8	5
22	The Stressful Characteristics of Pain That Drive You NUTS: A Qualitative Exploration of a Stress Model to Understand the Chronic Pain Experience. Pain Medicine, 2021, 22, 1095-1108.	1.9	4
23	Repetitive transcranial magnetic stimulation alone and in combination with motor control exercise for the treatment of individuals with chronic non-specific low back pain (ExTraStim trial): study protocol for a randomised controlled trial. BMJ Open, 2021, 11, e045504.	1.9	3
24	xCan pain be re-experienced as a conditioned response?. Pain, 2022, Publish Ahead of Print, .	4.2	3
25	Effects of Brief Mindfulness Interventions on the Interference Induced by Experimental Heat Pain on Cognition in Healthy Individuals. Frontiers in Pain Research, 2021, 2, 673027.	2.0	2
26	The aversive value of pain in human decisionâ€making. European Journal of Pain, 2022, 26, 668-679.	2.8	2
27	Cortisol increases visceral pain in women but not in men. Pain, 2019, 160, 1691-1692.	4.2	1
28	Stress and Pain Before, During and After the First Wave of the COVID-19 Pandemic: An Exploratory Longitudinal Mixed Methods Study. Frontiers in Pain Research, 2021, 2, 725893.	2.0	1
29	Conditioning to Enhance the Effects of Repetitive Transcranial Magnetic Stimulation on Experimental Pain in Healthy Volunteers. Frontiers in Psychiatry, 2022, 13, 768288.	2.6	1