

# Pascal Fossat

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

1,013  
citations

623699

14  
h-index

526264

27  
g-index

29  
all docs

29  
docs citations

29  
times ranked

1305  
citing authors

#	ARTICLE	IF	CITATIONS
1	The impact of C-tactile low-threshold mechanoreceptors on affective touch and social interactions in mice. <i>Science Advances</i> , 2022, 8, .	10.3	20
2	Animal models of pain: Diversity and benefits. <i>Journal of Neuroscience Methods</i> , 2021, 348, 108997.	2.5	57
3	Neuropathic pain modeling: Focus on synaptic and ion channel mechanisms. <i>Progress in Neurobiology</i> , 2021, 201, 102030.	5.7	19
4	Dopaminergic neuromodulation of prefrontal cortex activity requires the NMDA receptor coagonist <scp>d</scp>-serine. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	14
5	Acquisition of analgesic properties by the cholecystinin (CCK)/CCK2 receptor system within the amygdala in a persistent inflammatory pain condition. <i>Pain</i> , 2019, 160, 345-357.	4.2	18
6	Duality of 5-HT Effects on Crayfish Motoneurons. <i>Frontiers in Physiology</i> , 2019, 10, 1280.	2.8	3
7	Windup of Nociceptive Flexion Reflex Depends on Synaptic and Intrinsic Properties of Dorsal Horn Neurons in Adult Rats. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6146.	4.1	4
8	Serotonin has opposite effects on the aggressiveness of crayfish, facing either a smaller or a larger rival: alteration of size perception. <i>Journal of Experimental Biology</i> , 2018, 221, .	1.7	14
9	Calcium signalling through L-type calcium channels: role in pathophysiology of spinal nociceptive transmission. <i>British Journal of Pharmacology</i> , 2018, 175, 2362-2374.	5.4	45
10	Inflammatory-induced spinal dorsal horn neurons hyperexcitability is mediated by P2X4 receptors. <i>Pain Reports</i> , 2018, 3, e660.	2.7	15
11	Do arthropods feel anxious during molts?. <i>Journal of Experimental Biology</i> , 2018, 222, .	1.7	2
12	Neonatal 6-OHDA lesion model in mouse induces Attention-Deficit/ Hyperactivity Disorder (ADHD)-like behaviour. <i>Scientific Reports</i> , 2018, 8, 15349.	3.3	42
13	Alteration of nociceptive integration in the spinal cord of a rat model of Parkinson's disease. <i>Movement Disorders</i> , 2018, 33, 1010-1015.	3.9	22
14	Social harassment induces anxiety-like behaviour in crayfish. <i>Scientific Reports</i> , 2017, 7, 39935.	3.3	39
15	Group I metabotropic glutamate receptor plasticity after peripheral inflammation alters nociceptive transmission in the dorsal horn of the spinal cord in adult rats. <i>Molecular Pain</i> , 2017, 13, 174480691773793.	2.1	14
16	Cav1.2 and Cav1.3 L-type calcium channels independently control short- and long-term sensitization to pain. <i>Journal of Physiology</i> , 2016, 594, 6607-6626.	2.9	47
17	Serotonin, but not dopamine, controls stress response and anxiety-like behavior in crayfish, <i>Procambarus clarkii</i>. <i>Journal of Experimental Biology</i> , 2015, 218, 2745-52.	1.7	51
18	Measuring Anxiety-like Behavior in Crayfish by Using a Sub Aquatic Dark-light Plus Maze. <i>Bio-protocol</i> , 2015, 5, .	0.4	3

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19	Extracellular signalâ€regulated kinase phosphorylation in forebrain neurones contributes to osmoregulatory mechanisms. <i>Journal of Physiology</i> , 2014, 592, 1637-1654.	2.9	12
20	Anxiety-like behavior in crayfish is controlled by serotonin. <i>Science</i> , 2014, 344, 1293-1297.	12.6	164
21	Control of motor activity, via motoneuron excitability and sensory-motor integration, by the steroid hormone 20-hydroxyecdysone in crayfish. <i>Journal of Experimental Biology</i> , 2013, 216, 1808-18.	1.7	2
22	Impairment of GABAB receptor dimer by endogenous 14-3-3 $\uparrow$ in chronic pain conditions. <i>EMBO Journal</i> , 2012, 31, 3239-3251.	7.8	56
23	Glial D-Serine Gates NMDA Receptors at Excitatory Synapses in Prefrontal Cortex. <i>Cerebral Cortex</i> , 2012, 22, 595-606.	2.9	154
24	Intrinsic membrane properties of spinal dorsal horn neurones modulate nociceptive information processing <i>in vivo</i> . <i>Journal of Physiology</i> , 2011, 589, 2733-2743.	2.9	18
25	Glia-Dependent Switch of Kainate Receptor Presynaptic Action. <i>Journal of Neuroscience</i> , 2010, 30, 985-995.	3.6	33
26	Knockdown of L Calcium Channel Subtypes: Differential Effects in Neuropathic Pain. <i>Journal of Neuroscience</i> , 2010, 30, 1073-1085.	3.6	97
27	L-type calcium channels and NMDA receptors: a determinant duo for short-term nociceptive plasticity. <i>European Journal of Neuroscience</i> , 2007, 25, 127-135.	2.6	45