

# Jean-Sebastien Jouhanneau

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1822967/publications.pdf>

Version: 2024-02-01

11  
papers

715  
citations

933447

10  
h-index

1372567

10  
g-index

12  
all docs

12  
docs citations

12  
times ranked

1183  
citing authors

#	ARTICLE	IF	CITATIONS
1	An Embedded Subnetwork of Highly Active Neurons in the Neocortex. <i>Neuron</i> , 2010, 68, 1043-1050.	8.1	193
2	Scattering compensation by focus scanning holographic aberration probing (F-SHARP). <i>Nature Photonics</i> , 2017, 11, 116-123.	31.4	111
3	Single synaptic inputs drive high-precision action potentials in parvalbumin expressing GABA-ergic cortical neurons in vivo. <i>Nature Communications</i> , 2018, 9, 1540.	12.8	90
4	Precisely Timed Nicotinic Activation Drives SST Inhibition in Neocortical Circuits. <i>Neuron</i> , 2018, 97, 611-625.e5.	8.1	79
5	In Vivo Monosynaptic Excitatory Transmission between Layer 2 Cortical Pyramidal Neurons. <i>Cell Reports</i> , 2015, 13, 2098-2106.	6.4	74
6	Cortical fosGFP Expression Reveals Broad Receptive Field Excitatory Neurons Targeted by POM. <i>Neuron</i> , 2014, 84, 1065-1078.	8.1	62
7	Multiple Two-Photon Targeted Whole-Cell Patch-Clamp Recordings From Monosynaptically Connected Neurons in vivo. <i>Frontiers in Synaptic Neuroscience</i> , 2019, 11, 15.	2.5	34
8	Dynamic conjugate F-SHARP microscopy. <i>Light: Science and Applications</i> , 2020, 9, 110.	16.6	29
9	Dendrite-Specific Amplification of Weak Synaptic Input during Network Activity In Vivo. <i>Cell Reports</i> , 2018, 24, 3455-3465.e5.	6.4	23
10	Mechanisms of bi-directional modulation of thalamocortical transmission in barrel cortex by presynaptic kainate receptors. <i>Neuropharmacology</i> , 2011, 60, 832-841.	4.1	20
11	Scattering compensation by focus scanning holographic aberration probing (F-SHARP) (Conference) Tj ETQq1 1 0.784314 rgBT /Over		