Jean Livet

List of Publications by Year in Descending Order

31 papers	3,443 citations	21 h-index	45 g-index
45 ext. papers	3,952 ext. citations	10.9 avg, IF	4.66 L-index

#	Paper	IF	Citations
31	A stable proportion of Purkinje cell inputs from parallel fibers are silent during cerebellar maturation. *Proceedings of the National Academy of Sciences of the United States of America*, **2021**, 118,	11.5	2
30	Direct Readout of Neural Stem Cell Transgenesis with an Integration-Coupled Gene Expression Switch. *Neuron*, **2020**, 107, 617-630.e6	13.9	10
29	The intellectual disability protein Oligophrenin-1 controls astrocyte morphology and migration. *Glia* , **2020**, 68, 1729-1742	9	3
28	In Utero Electroporation of Multiaddressable Genome-Integrating Color (MAGIC) Markers to Individualize Cortical Mouse Astrocytes. *Journal of Visualized Experiments*, **2020**,	1.6	1
27	Multicolor multiscale brain imaging with chromatic multiphoton serial microscopy. *Nature Communications*, **2019**, 10, 1662	17.4	49
26	Etv1 Controls the Establishment of Non-overlapping Motor Innervation of Neighboring Facial Muscles during Development. *Cell Reports*, **2019**, 29, 437-452.e4	10.6	3
25	Cortical astrocytes develop in a plastic manner at both clonal and cellular levels. *Nature Communications*, **2019**, 10, 4884	17.4	38
24	Adult Neural Stem Cells and Multiciliated Ependymal Cells Share a Common Lineage Regulated by the Geminin Family Members. *Neuron*, **2019**, 102, 159-172.e7	13.9	49
23	Dual-color deep-tissue three-photon microscopy with a multiband infrared laser. *Light: Science and Applications*, **2018**, 7, 12	16.7	52
22	All-fiber femtosecond laser providing 9 nJ, 50 MHz pulses at 1650 nm for three-photon microscopy. *Journal of Optics (United Kingdom)*, **2017**, 19, 065506	1.7	26
21	Bimodal behaviour of interfollicular epidermal progenitors regulated by hair follicle position and cycling. *EMBO Journal*, **2016**, 35, 2658-2670	13	32
20	Multicolor analysis of oligodendrocyte morphology, interactions, and development with Brainbow. *Glia*, **2015**, 63, 699-717	9	20
19	Multiplex cell and lineage tracking with combinatorial labels. *Neuron*, **2014**, 81, 505-20	13.9	112
18	Concise review: understanding clonal dynamics in homeostasis and injury through multicolor lineage tracing. *Stem Cells*, **2014**, 32, 3046-54	5.8	20
17	Developmental bias in cleavage-stage mouse blastomeres. *Current Biology*, **2013**, 23, 21-31	6.3	113
16	Multicolor two-photon tissue imaging by wavelength mixing. *Nature Methods*, **2012**, 9, 815-8	21.6	122
15	Sparse and combinatorial neuron labelling. *Current Opinion in Neurobiology*, **2012**, 22, 101-10	7.6	40

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14	Multicolor Brainbow imaging in zebrafish. *Cold Spring Harbor Protocols*, **2011**, 2011, pdb.prot5546	1.2	60
13	Generating and imaging multicolor Brainbow mice. *Cold Spring Harbor Protocols*, **2011**, 2011, 763-9	1.2	29
12	Generation and imaging of Brainbow mice. *Cold Spring Harbor Protocols*, **2011**, 2011, 851-6	1.2	10
11	A technicolour approach to the connectome. *Nature Reviews Neuroscience*, **2008**, 9, 417-22	13.5	254
10	Transgenic strategies for combinatorial expression of fluorescent proteins in the nervous system. *Nature*, **2007**, 450, 56-62	50.4	1346
9	Gating of Sema3E/PlexinD1 signaling by neuropilin-1 switches axonal repulsion to attraction during brain development. *Neuron*, **2007**, 56, 807-22	13.9	194
8	A semaphorin code defines subpopulations of spinal motor neurons during mouse development. *European Journal of Neuroscience*, **2005**, 21, 1767-76	3.5	53
7	Semaphorin 3E and plexin-D1 control vascular pattern independently of neuropilins. *Science*, **2005**, 307, 265-8	33.3	415
6	Neuronal defects in the hindbrain of Hoxa1, Hoxb1 and Hoxb2 mutants reflect regulatory interactions among these Hox genes. *Development (Cambridge)*, **2003**, 130, 5663-79	6.6	96
5	ETS gene Pea3 controls the central position and terminal arborization of specific motor neuron pools. *Neuron*, **2002**, 35, 877-92	13.9	200
4	Responsiveness to neurturin of subpopulations of embryonic rat spinal motoneuron does not correlate with expression of GFR alpha 1 or GFR alpha 2. *Developmental Dynamics*, **2001**, 220, 189-97	2.9	16
3	A dynamic regulation of GDNF-family receptors correlates with a specific trophic dependency of cranial motor neuron subpopulations during development. *European Journal of Neuroscience*, **2000**, 12, 446-56	3.5	31
2	Role of neurotrophic factors in motoneuron development. *Journal of Physiology (Paris)*, **1998**, 92, 279-81		32
1	nAdder: A scale-space approach for the 3D analysis of neuronal traces		2