Takuji Kasamatsu

List of Publications by Year
in descending order

20 papers	2,015 citations	687363 13 h-index	752698 20 g-index
20 all docs	20 docs citations	20 times ranked	794 citing authors

#	Article	IF	Citations
1	Ocular dominance plasticity: Molecular mechanisms revisited. Journal of Comparative Neurology, 2020, 528, 3039-3074.	1.6	6
2	Spike synchronization in cat primary visual cortex depends on similarity of surroundâ€suppression magnitude. European Journal of Neuroscience, 2014, 39, 934-945.	2.6	2
3	Collinear facilitation is independent of receptive-field expansion at low contrast. Experimental Brain Research, 2010, 201, 453-465.	1.5	17
4	Contrast-dependent, contextual response modulation in primary visual cortex and lateral geniculate nucleus of the cat. European Journal of Neuroscience, 2006, 23, 1633-1642.	2.6	29
5	Muscimol and baclofen differentially suppress retinotopic and nonretinotopic responses in visual cortex. Visual Neuroscience, 2005, 22, 839-858.	1.0	9
6	Artifactual synchrony via capacitance coupling in multi-electrode recording from cat striate cortex. Journal of Neuroscience Methods, 2002, 115, 45-53.	2.5	8
7	Facilitation and suppression of single striate-cell activity by spatially discrete pattern stimuli presented beyond the receptive field. Visual Neuroscience, 2001, 18, 377-391.	1.0	116
8	Contrast response characteristics of long-range lateral interactions in cat striate cortex. NeuroReport, 2001, 12, 655-661.	1.2	83
9	Colinear facilitation promotes reliability of single-cell responses in cat striate cortex. Experimental Brain Research, 2001, 138, 163-172.	1.5	46
10	Collinear stimuli regulate visual responses depending on cell's contrast threshold. Nature, 1998, 391, 580-584.	27.8	559
11	Continuous and direct infusion of drug solutions in the brain of awake animals: implementation, strengths and pitfalls. Brain Research Protocols, 1997, 1, 57-69.	1.6	12
12	Lithium reduces ocular dominance plasticity in kitten visual cortex. Brain Research, 1991, 558, 157-162.	2.2	10
13	Cortical recovery from effects of monocular deprivation caused by diffusion and occlusion. Brain Research, 1991, 548, 63-73.	2.2	12
14	Interaction of noradrenergic and cholinergic systems in regulation of ocular dominance plasticity. Neuroscience Research, 1989, 6, 519-536.	1.9	44
15	Norepinephrinergic reinnervation of cat occipital cortex following localized lesions with 6-hydroxydopamine. Neuroscience Research, 1987, 4, 433-453.	1.9	20
16	Plasticity in cat visual cortex restored by electrical stimulation of the locus coeruleus. Neuroscience Research, 1985, 2, 365-386.	1.9	60
17	Changes in geniculate cell size following brief monocular blockade of retinal activity in kittens. Nature, 1983, 306, 465-468.	27.8	37
18	Preservation of binocularity after monocular deprivation in the striate cortex of kittens treated with 6-Hydroxydopamine. Journal of Comparative Neurology, 1979, 185, 139-161.	1.6	311

#	Article	IF	Citations
19	Restoration of visual cortical plasticity by local microperfusion of norepinephrine. Journal of Comparative Neurology, 1979, 185, 163-181.	1.6	362
20	Local perfusion of noradrenaline maintains visual cortical plasticity. Nature, 1978, 271, 761-763.	27.8	272