

Takuji Kasamatsu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8350589/publications.pdf>

Version: 2024-02-01

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	Collinear stimuli regulate visual responses depending on cell's contrast threshold. <i>Nature</i> , 1998, 391, 580-584.	27.8	559
2	Restoration of visual cortical plasticity by local microperfusion of norepinephrine. <i>Journal of Comparative Neurology</i> , 1979, 185, 163-181.	1.6	362
3	Preservation of binocularity after monocular deprivation in the striate cortex of kittens treated with 6-Hydroxydopamine. <i>Journal of Comparative Neurology</i> , 1979, 185, 139-161.	1.6	311
4	Local perfusion of noradrenaline maintains visual cortical plasticity. <i>Nature</i> , 1978, 271, 761-763.	27.8	272
5	Facilitation and suppression of single striate-cell activity by spatially discrete pattern stimuli presented beyond the receptive field. <i>Visual Neuroscience</i> , 2001, 18, 377-391.	1.0	116
6	Contrast response characteristics of long-range lateral interactions in cat striate cortex. <i>NeuroReport</i> , 2001, 12, 655-661.	1.2	83
7	Plasticity in cat visual cortex restored by electrical stimulation of the locus coeruleus. <i>Neuroscience Research</i> , 1985, 2, 365-386.	1.9	60
8	Colinear facilitation promotes reliability of single-cell responses in cat striate cortex. <i>Experimental Brain Research</i> , 2001, 138, 163-172.	1.5	46
9	Interaction of noradrenergic and cholinergic systems in regulation of ocular dominance plasticity. <i>Neuroscience Research</i> , 1989, 6, 519-536.	1.9	44
10	Changes in geniculate cell size following brief monocular blockade of retinal activity in kittens. <i>Nature</i> , 1983, 306, 465-468.	27.8	37
11	Contrast-dependent, contextual response modulation in primary visual cortex and lateral geniculate nucleus of the cat. <i>European Journal of Neuroscience</i> , 2006, 23, 1633-1642.	2.6	29
12	Norepinephrinergic reinnervation of cat occipital cortex following localized lesions with 6-hydroxydopamine. <i>Neuroscience Research</i> , 1987, 4, 433-453.	1.9	20
13	Collinear facilitation is independent of receptive-field expansion at low contrast. <i>Experimental Brain Research</i> , 2010, 201, 453-465.	1.5	17
14	Cortical recovery from effects of monocular deprivation caused by diffusion and occlusion. <i>Brain Research</i> , 1991, 548, 63-73.	2.2	12
15	Continuous and direct infusion of drug solutions in the brain of awake animals: implementation, strengths and pitfalls. <i>Brain Research Protocols</i> , 1997, 1, 57-69.	1.6	12
16	Lithium reduces ocular dominance plasticity in kitten visual cortex. <i>Brain Research</i> , 1991, 558, 157-162.	2.2	10
17	Muscimol and baclofen differentially suppress retinotopic and nonretinotopic responses in visual cortex. <i>Visual Neuroscience</i> , 2005, 22, 839-858.	1.0	9
18	Artifactual synchrony via capacitance coupling in multi-electrode recording from cat striate cortex. <i>Journal of Neuroscience Methods</i> , 2002, 115, 45-53.	2.5	8

#	ARTICLE	IF	CITATIONS
19	Ocular dominance plasticity: Molecular mechanisms revisited. <i>Journal of Comparative Neurology</i> , 2020, 528, 3039-3074.	1.6	6
20	Spike synchronization in cat primary visual cortex depends on similarity of surroundâ€suppression magnitude. <i>European Journal of Neuroscience</i> , 2014, 39, 934-945.	2.6	2