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Key Word List

Authors are requested to select key words from the following list. You may use plurals and adjectives for combinations like *absolute pupillary response*, *centrifugal optic nerve*, *inter blobs*, etc. If key words are needed which do not appear in this list, please underline them. For animal classification the Latin nomenclature should be used.

π -mechanism	anaesthesia	<i>b</i> -wave	<i>c</i> -wave
A-scan	analysis	background	cabel
<i>a</i> -wave	angular	backward	calcium
aberration	animal	bandwidth	calibration
absolute	anion	bathorodopsin	cAMP
absorption	aniseikonia	beat	cancellation
accessory	anisometropia	behaviour	capacity
accommodation	anisotropy	behavioural	capillary
accommodative	anomalouscope	Benham	capture
accuracy	anomalous	benzodiazopine	card
acetylcholine	anomaly	Bezold-Brücke	carrier
achromatopsia	anoxia	bias	carp
acquired	antagonism	bicarbonate	cat
action	antagonist	bicuculline	cataract
acuity	anterior	Bielschowsky	catecholamine
adaptation	anti	binding	catfish
additivity	antibody	binocular	cation
adrenergic	APB	biocytine	cDNA
adult	aperture	biphasic	cell
afferent	Aphakia	bipolar	cellular
aftereffect	apparent	bipolar cell	centre
age dependence	appearance	bird	central
ageing	application	birefringence	centralis
agnosia	aqueous humor	bisection	centrifugal
agonist	area (17, 21, MT, etc.)	bleaching	centripetal
albinism	aspartate	blindness	cerebral
alcohol	astigmatism	blind spot	CFF
alexia	asymmetry	blob	cGMP
aliasing	asynchrony	Bloch's law	chamber
alignment	atropine	blood retina barrier	channel
Alzheimer's disease	atrophy	blue	checkerboard
AM	attention	blur	chiasm
amacrine cell	attentive	border	chicken
amblyopia	attenuation	boundary	children
ametropia	autoradiography	bovine	cholinergic
amino acid	average	brain	choroid
ammonia	axial length	braking	choroideremia
AMPA	axis	brightness	chromatic
amplitude	axon	BROCA-SULZER	chromatography

chromophore	crowding	disease	ethambutol
chronic	crystalline	disinhibition	evoked potential (EP)
ciliary	CSF	disorder	evolution
circadian	cue	disparity	excitation
circular	culture	dispersion	expectation
circulation	current	displaced	experienced
clinical	curvature	displacement	express
closure	cyclopean	distortion	extra
coding	cycloplegia	distribution	extrastria
cognition	cyclotorsion	diurnal	eye
coherence	cyclovergence	dog	eyelid
coil		dominance	face
colliculus	damage	dopamine	facilitation
colour	dark	dopaminergic	factor
colorimetry	darkness	dorsal	Farnsworth-Munsell
committance	decompression	dot	fatigue
complex cell	decrement	double-pulse	feature
component	defect	drift	feedback
compound	deficiency	Drusen	feedforward
computational	deficit	duration	FEM
computer	defocus	dye	field
concentric	degeneration	dynamic	figure-ground
conditioning	degradation	dynamics	filling-in
conductance	delay	dysfunction	filter
conduction	dendrite	dystrophy	filtering
cone	densitometry	dyslexia	finite element
congenital	density		fish
conjunction	deoxyglucose	early	fixation
connectivity	depolarization	eccentric	flash
conspicuity	deprivation	eccentricity	flicker
constancy	depth	ecology	flow
constant	desensitization	edge	fluorescence
constriction	detachment	Edinger-Westphal	fluorometry
contact lens	detection	EEG	FM
contamination	detector	efferent	FMRI
context	deuteranopia	efficiency	focal
contour	development	egocentric	focus
contralateral	diabetes mellitus	electric	follow-up
contrast	diagnosis	electrodiagnostics	forced choice
control	dichoptic	electron microscopy (EM)	form
convergence	dichotomy	electrooculogram (EOG)	forward
cooperativity	dichromacy	electrophysiology	Fourier
coordinate	dichromatopsia	electroretinogram (ERG)	fovea
coordination	difference	elevation	frequency
cornea	differential	ellipsometer	frog
corollary	diffusion	emmetropization	function
corpus callosum	digital	endogenous	functional
correlation	dilation	energy	fundamental
correspondence	diplopia	enhancement	fundus
cortex	dipole	enucleation	funduscopy
cortical	direction	enzyme	fusion
corticofugal	directional	equation	
counterphase	disability	equidistant	GABA
counterrolling	disk	equiluminance	Gabor
coupling	discharge	error	gain
cranial	discontinuity	esotropia	ganglion cell
critical	discrimination	estimate	Ganzfeld

gap junction	hypothermia	kinematic	mechanism
gaussian	hypoxia	kinematogram	medium wavelength
gaze	hysteresis	kinetic	media
gene			MEG
generator	illuminance	L cone	melanin
generating	illusion	L-dopa	melatonin
generation	illusory	Landolt C	membrane
genetics	image	laser	memory
geometry	imaging	latency	meridional
glare	immunochemistry	lateral	mesopic
glaucoma	immunohistochemistry	lateral geniculate nucleus	meta
glial cell	immunoreactivity	(LGN)	metabolism
glioma	impedance	lateralization	method
global	impairment	layer	micro
glutamate	impulse	learning	micropsia
glutamine	increment	lens	microvilli
glycine	index	lesion	midget
goldfish	individual	letter	migraine
Goldmann	induction	lid suture	minimally distinct
Golgi	infant	light	miosis
graded	infrared (IR)	line-element	missing
gradient	inhibition	linear	mitochondria
grating	injury	linking hypothesis	mixture
green	inner	liposome	mobility
grid	inner plexiform layer (IPL)	Listing's law	model
growth	inner retina	lithium	modelling
gyrate atrophy	innervation	local	molecular biology
	inositol phosphate	localization	monitor
habituation	insect	long-range	monkey
Haidinger's brushes	integration	long-wavelength	monochromacy
haloperidol	inter	looming	monoclonal
handicapped	interaction	low	monocular
haplosopic	interference	low vertebrate	morphology
head	interferometry	LTP	morphometry
heading	internal	lucifer yellow	mosaic
hemianopia	interplexiform cell	luminance	motion
hemifield	interstitial	luminescence	motoneuron
hemineglect	intoxication		motor
hemispheric	intra	M	mouse
Hering's law	inverse	M cone	movement
heterochromatic	invertebrate	macaque	MRI
heterozygous	in vitro	Mach band	MT
histochemistry	in vivo	macula	mudpuppy
homonymous	iodopsin	macular	multiple sclerosis (MS)
horizontal cell	ion-selective	maculopathy	multi
horopter	ipsilateral	magnetic	muscle
HRP	iris	magnification	mutant
hue	ischemia	magnifying	Müller cell
human	isochromatic	magno	Myopia
hydrate	isolated	mammal	
hydrocephalus	isoluminance	man	Na/K ATPase
hyperacuity	isomer	masking	Naka-Rushton
hypermetropia	isometric	match(ing)	nasal
hyperopia	ISI	maturation	natural history
hypertension		maximum likelihood	navigation
hypnotics	kainate	maxwellian	near
hypopigmentation	keratometry	McCollough	neonate

nerve	oscillatory	plane	rearing
network	oscillopsia	plasticity	receptive field
neutral	otolith	plexiform	reception
neuritis	outer	point-spread	receptor
neuro		polarization	recognition
neuroanatomy	P	polarized	recovery
neurochemistry	palsy	polymorphism	recruitment
neuron	Panum's area	population	rectifier
neuronal	papilloedema	porphyropsin	red
neuropathy	parafovea	position	reflectance
neurotransmitter	parallax	positional	reflection
nicotine	parallel	post	reflectometry
nightblindness	paresis	posterior	reflex
nitric oxide	parietal	posture	refraction
NMDA	Parkinson's disease	potassium	refractive
noise	parvo	potential	refractometer
nomogram	patch-clamp	potentiation	regeneration
non	pathology	power	region
nonlinear	pathophysiology	practice	regression
noradrenaline	pathway	pre-	rehabilitation
norm	patient	preferential looking	Reichardt
normal	pattern	presbyopia	relative
normative range	PDA	pressure	relaxation
nucleus	peak	pre-term	release
nystagmography	pedestal	primary	reliability
nystagmus	pedicle	primate	repeatability
	peptide	prism	representation
oblique	perceived	probability	resolution
occipital	perception	processing	response
occipito	perceptual	projection	retarded
occlusion	performance	progesterone	retina
ocular	perfused	proprioception	retinal
oculomotility	PERG	protanopia	retinex
oculomotor	perimetry	protein	retinitis pigmentosa (RP)
OFF	perinatal	psychometric	retino-cortical
oil droplet	period	psychophysics	retinochrome
ON	peripheral	Pulfrich	retinoid
onset-offset	periphery	pupil	retinol (-binding)
oocyte	persistence	pupillary	retinomotor
opacity	perspective	pupillography	retinopathy
open loop	PET	Purkinje shift	retinoscopy
ophthalmology	phagocytosis	pursuit	retinotopic
ophthalmoscope	phantom		retrograde
ophthalmoscopy	phase	quality	reversal
opponency	phenomenon	quanta	rhesus
opponent	phosphene	quantal	rhodopsin
opsin	photo-	quantitative	rhythm
optic	photometry	quisqualate	Ricco
optical	photopic		rivalry
optics	photoreceptor	rabbit	rod
optokinetic	physiological optics	radiation	rod-cone
optometer	physiology	random	rodent
optotype	pigment	rat	ROP
orbita	pigment epithelium	Rayleigh	
order	pigmentation	RCS rat	S cone
orientation	pineal	reaction	S-potential
orthoptic	plaid	reading	saccade

saccadic	sparing	synapse	uniform
salamander	spatial	synaptic	unique
sampling	spatial uncertainty	syndrome	unit
saturation	spatio-temporal	system	univariance
scale	specificity	tactile	US cone
scaling	SPECT	tapetum lucidum	uptake
scanning	spectral	target	
scatter	spectrophotometry	taurine	valence
schematic	spectrum	technique	variable
schizophrenia	speed	tectum opticum	variability
scleral	spherical	teleost	vascular
scotoma	spike	temperature	vascularization
scotopic	spinule	temporal	vection
search	spline	terminal	velocity
second	spreading depression	test	VEP
secondary	spurious	testing	vergence
second messenger	squint	tetrachromacy	vernier
section	stability of gaze	texton	version
segment	stabilized	texture	vertebrate
segmentation	standardization	thalamus	vertical
segregation	standing	theraphy	vesicle
selective	state	three-dimensional	vestibular
selectivity	static	threshold	viewing
self	stationary	tilt	visible
self-screening	steady-state	time	vision
senile	stereo	tissue	vision loss
sensitivity	stereogram	tomography	visual
sensitization	stereopsis	topography	visual ataxia
sensory	stereoscopic	torsion	visual streak
separation	Stiles	toxicity	visual-vestibular
serotonin	Stiles-Crawford	tracking	visuomotor
shading	stimulus	tract	vitamin
shape	stochastic	training	vitreous
shedding	strabismus	transducer	voltage clamp
short-range	straylight	transduction	voltage-sensitive
short-wavelength	striate cortex	transfection	voluntary
signal	stroboscopic	transfer	VOR
signal-to-noise ratio	structure-from-motion	transient	
silent substitution	subjective	translation	waggon-wheel
simple cell	sub	translucency	wave
simulation	subtractive	transmission	wavelength
simultaneous	successive	transparency	Weber's law
sine wave	sulcus	trichromacy	Westheimer
single	summation	tritan	white noise
sinusoidal	superior	tritanopia	whole mount
size	superposition	Troxler	windmill
slice	suppression	TTX	
slit-lamp	suprasylvian	tuning	X-cell
slip	surface	turtle	X-chromosome
SLO	surgical	two-colour	xenopus
smooth pursuit	surround	two-dimensional	
Snellen	sustained	two-pulse	
sodium	suture	tyrosine	Y-cell
soma	sweep	ultrasonography	yellow
source	symmetry	ultraviolet (UV)	
space	sympathetic		zonule