

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	anoxia	bird	chiasm
A-scan	antagonism	birefringence	chicken
<i>a</i> -wave	antagonist	bisection	children
aberration	anterior	bleaching	cholinergic
absolute	anti	blindness	choroid
absorption	antibody	blind spot	choroideremia
accessory	APB	blob	chromatic
accommodation	aperture	Bloch's law	chromatography
accommodative	Aphakia	blood retina barrier	chromophore
accuracy	apparent	blue	chronic
acetylcholine	appearance	blur	ciliary
achromatopsia	application	border	circadian
acquired	aqueous humor	boundary	circular
action	area (17, 21, MT, etc.)	bovine	circulation
acuity	aspartate	brain	clinical
adaptation	asymmetry	braking	closure
additivity	astigmatism	brightness	coding
adrenergic	asynchrony	BROCA–SULZER	cognition
adult	atropine		coherence
afferent	atrophy	<i>c</i> -wave	coil
aftereffect	attention	cabel	colliculus
age dependence	attentive	calcium	colour
ageing	attenuation	calibration	colorimetry
agnosia	autoradiography	cAMP	committance
agonist	average	cancellation	complex cell
albinism	axial length	capacity	component
alcohol	axis	capillary	compound
alexia	axon	capture	computational
aliasing		card	computer
alignment	<i>b</i> -wave	carrier	concentric
Alzheimer's disease	background	carp	conditioning
AM	backward	cat	conductance
amacrine cell	bandwidth	cataract	conduction
amblyopia	bathorodopsin	catecholamine	cone
ametropia	beat	catfish	congenital
amino acid	behaviour	cation	conjunction
ammonia	behavioural	cDNA	connectivity
AMPA	Benham	cell	conspicuity
amplitude	benzodiazepine	cellular	constancy
analysis	Bezold–Brücke	centre	constant
anaesthesia	bias	central	constriction
angular	bicarbonate	centralis	contact lens
animal	bicuculline	centrifugal	contamination
anion	Bielschowsky	centripetal	context
aniseikonia	binding	cerebral	contour
anisometropia	binocular	CFF	contralateral
anisotropy	biocytine	cGMP	contrast
anomaloscope	biphasic	chamber	control
anomalous	bipolar	channel	convergence
anomaly	bipolar cell	checkerboard	cooperativity

- coordinate
 coordination
 cornea
 corollary
 corpus callosum
 correlation
 correspondence
 cortex
 cortical
 corticofugal
 counterphase
 counterrolling
 coupling
 cranial
 critical
 crowding
 crystalline
 CSF
 cue
 culture
 current
 curvature
 cyclopean
 cycloplegia
 cyclotorsion
 cyclovergence

 damage
 dark
 darkness
 decompression
 decrement
 defect
 deficiency
 deficit
 defocus
 degeneration
 degradation
 delay
 dendrite
 densitometry
 density
 deoxyglucose
 depolarization
 deprivation
 depth
 desensitization
 detachment
 detection
 detector
 deuteranopia
 development
 diabetes mellitus
 diagnosis
 dichoptic
 dichotomy
 dichromacy
 dichromatopsia
 difference
 differential

 diffusion
 digital
 dilation
 diplopia
 dipole
 direction
 directional
 disability
 disk
 discharge
 discontinuity
 discrimination
 disease
 disinhibition
 disorder
 disparity
 dispersion
 displaced
 displacement
 distortion
 distribution
 diurnal
 dog
 dominance
 dopamine
 dopaminergic
 dorsal
 dot
 double-pulse
 drift
 Drusen
 duration
 dye
 dynamic
 dynamics
 dysfunction
 dystrophy
 dyslexia

 early
 eccentric
 eccentricity
 ecology
 edge
 Edinger–Westphal
 EEG
 efferent
 efficiency
 egocentric
 electric
 electron microscopy (EM)
 electrodiagnostics
 electrooculogram (EOG)
 electrophysiology
 electroretinogram (ERG)
 elevation
 ellipsometer
 emmetropization
 endogenous
 energy

 enhancement
 enucleation
 enzyme
 equation
 equidistant
 equiluminance
 error
 esotropia
 estimate
 ethambutol
 evoked potential (EP)
 evolution
 excitation
 expectation
 experience
 express
 extra
 extrastriate
 eye
 eyelid

 face
 facilitation
 factor
 Farnsworth–Munsell
 fatigue
 feature
 feedback
 feedforward
 FEM
 field
 figure–ground
 filling-in
 filter
 filtering
 finite element
 fish
 fixation
 flash
 flicker
 flow
 fluorescence
 fluorometry
 FM
 FMRI
 focal
 focus
 follow-up
 forced choice
 electric
 form
 forward
 Fourier
 fovea
 frequency
 frog
 function
 functional
 fundamental
 fundus

 funduscopy
 fusion

 GABA
 Gabor
 gain
 ganglion cell
 Ganzfeld
 gap junction
 gaussian
 gaze
 gene
 generator
 generating
 generation
 genetics
 geometry
 glare
 glaucoma
 glial cell
 glioma
 global
 glutamate
 glutamine
 glycine
 goldfish
 Goldmann
 Golgi
 graded
 gradient
 grating
 green
 grid
 growth
 gyrate atrophy

 habituation
 Haidinger’s brushes
 haloperidol
 handicapped
 haploscopic
 head
 heading
 hemianopia
 hemifield
 hemineglect
 hemispheric
 Hering’s law
 heterochromatic
 heterozygous
 histochemistry
 homonymous
 horizontal cell
 horopter
 HRP
 hue
 human
 hydrate
 hydrocephalus
 hyperacuity

hypermetropia	kainate	medium wavelength	neuro
hyperopia	keratometry	media	neuroanatomy
hypertension	kinematic	MEG	neurochemistry
hypnotics	kinematogram	melanin	neuron
hypopigmentation	kinetic	melatonin	neuronal
hypothermia	L cone	membrane	neuropathy
hypoxia	L-dopa	memory	neurotransmitter
hysteresis	Landolt C	meridional	nicotine
	laser	mesopic	nightblindness
illuminance	latency	meta	nitric oxide
illusion	lateral	metabolism	NMDA
illusory	lateral geniculate nucleus (LGN)	method	noise
image	lateralization	micro	nomogram
imaging	layer	micropsia	non
immunochemistry	learning	microvilli	nonlinear
immunohistochemistry	lens	midget	noradrenaline
immunoreactivity	lesion	migraine	norm
impedance	letter	minimally distinct	normal
impairment	lid suture	miosis	normative range
impulse	light	missing	nucleus
increment	line-element	mitochondria	nystagmography
index	linear	mixture	nystagmus
individual	linking hypothesis	mobility	
induction	liposome	model	oblique
infant	Lister's law	modelling	occipital
infrared (IR)	lithium	molecular biology	occipito
inhibition	local	monitor	occlusion
injury	localization	monkey	ocular
inner	long-range	monochromacy	oculomotility
inner plexiform layer (IPL)	long-wavelength	monoclonal	oculomotor
inner retina	looming	monocular	OFF
innervation	low	morphology	oil droplet
inositol phosphate	lower vertebrate	morphometry	ON
insect	LTP	mosaic	onset–offset
integration	lucifer yellow	motion	oocyte
inter	lumiance	motoneuron	opacity
interaction	luminescence	motor	open loop
interference		mouse	ophthalmology
interferometry		movement	ophthalmoscope
internal	M	MRI	ophthalmoscopy
interplexiform cell	M cone	MT	opponency
interstitial	macaque	mudpuppy	opponent
intoxication	Mach band	multiple sclerosis (MS)	opsin
intra	macula	multi	optic
inverse	macular	muscle	optical
invertebrate	maculopathy	mutant	optics
<i>in vitro</i>	magnetic	Müller cell	optokinetic
<i>in vivo</i>	magnification	myopia	optometer
iodopsin	magnifying		optotype
ion-selective	magno	Na/K ATPase	orbita
ipsilateral	mammal	Naka–Rushton	order
iris	man	nasal	orientation
ischemia	masking	natural history	orthoptic
isochromatic	match(ing)	navigation	oscillatory
isolated	maturation	near	oscillopsia
isoluminance	maximum likelihood	neonate	otolith
isomer	maxwellian	nerve	outer
isometric	McCollough	network	
ISI	mechanism	neural	P
		neuritis	palsy

Panum's area	positional	refraction	second messenger
papilloedema	post	refractive	section
parafovea	posterior	refractometer	segment
parallax	posture	regeneration	segmentation
parallel	potassium	region	segregation
paresis	potential	regression	selective
parietal	potentiation	rehabilitation	selectivity
Parkinson's disease	power	Reichardt	self
parvo	practice	relative	self-screening
patch-clamp	pre-	relaxation	senile
pathology	preferential looking	release	sensitivity
pathophysiology	presbyopia	reliability	sensitization
pathway	pressure	repeatability	sensory
patient	pre-term	representation	separation
pattern	primary	resolution	serotonin
PDA	primate	response	shading
peak	prism	retarded	shape
pedestal	probability	retina	shedding
pedicle	processing	retinal	short-range
peptide	projection	retinex	short-wavelength
perceived	progesterone	retinitis pigmentosa (RP)	signal
perception	proprioception	retino-cortical	signal-to-noise ratio
perceptual	protanopia	retinochrome	silent substitution
performance	protein	retinoid	simple cell
perfused	psychometric	retinol (-binding)	simulation
PERG	psychophysics	retinomotor	simultaneous
perimetry	Pulfrich	retinopathy	sine wave
perinatal	pupil	retinoscopy	single
period	pupillary	retinotopic	sinusoidal
peripheral	pupillography	retrograde	size
periphery	Purkinje shift	reversal	slice
persistence	pursuit	rhesus	slit-lamp
perspective		rhodopsin	slip
PET	quality	rhythm	SLO
phagocytosis	quanta	Ricco	smooth pursuit
phantom	quantal	rivalry	Snellen
phase	quantitative	rod	sodium
phenomenon	quisqualate	rod-cone	soma
phosphene		rodent	source
photo-	rabbit	ROP	space
photometry	radiation		sparing
photopic	random	S cone	spatial
photoreceptor	rat	S-potential	spatial uncertainty
physiological optics	Rayleigh	saccade	spatio-temporal
physiology	RCS rat	saccadic	specificity
pigment	reaction	salamander	SPECT
pigment epithelium	reading	sampling	spectral
pigmentation	rearing	saturation	spectrophotometry
pineal	receptive field	scale	spectrum
plaid	reception	scaling	speed
plane	receptor	scanning	spherical
plasticity	recognition	scatter	spike
plexiform	recovery	schematic	spinule
point-spread	recruitment	schizophrenia	spline
polarization	rectifier	scleral	spreading depression
polarized	red	scotoma	spurious
polymorphism	reflectance	scotopic	squint
population	reflection	search	stability of gaze
porphyropsin	reflectometry	second	stabilized
position	reflex	secondary	standardization

standing	synaptic	transient	vertebrate
state	syndrome	translation	vertical
static	system	translucency	vesicle
stationary		transmission	vestibular
steady-state	tactile	transparency	viewing
stereo	tapetum lucidum	trichromacy	visible
stereogram	target	tritan	vision
stereopsis	taurine	tritanopia	vision loss
stereoscopic	technique	Troxler	visual
Stiles	tectum opticum	TTX	visual ataxia
Stiles–Crawford	teleost	tuning	visual streak
stimulus	temperature	turtle	visual–vestibular
stochastic	temporal	two-colour	visuomotor
strabismus	terminal	two-dimensional	vitamin
straylight	test	two-pulse	vitreous
striate cortex	testing	tyrosine	voltage clamp
stroboscopic	tetrachromacy		voltage-sensitive
structure–from–motion	tetxton	ultrasonography	voluntary
subjective	texture	ultraviolet (UV)	VOR
sub	thalamus	uniform	
subtractive	therapy	unique	waggon-wheel
successive	three-dimensional	unit	wave
sulcus	threshold	univariance	wavelength
summation	tilt	US cone	Weber's law
superior	time	uptake	Westheimer
superposition	tissue		white noise
suppression	tomography	valence	whole mount
suprasylvian	topography	variable	windmill
surface	torsion	variability	
surgical	toxicity	vascular	X-cell
surround	tracking	vascularization	X-chromosome
sustained	tract	vection	xenopus
suture	training	velocity	
sweep	transducer	VEP	Y-cell
symmetry	transduction	vergence	yellow
sympathetic	transfection	vernier	
synapse	transfer	version	zonule