# Gert Holstege

List of Publications by Year
in descending order

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|---|---|---|---|
| 94<br>papers | 8,652<br>citations | 41344<br>49<br>h-index | 53230<br>85<br>g-index |
| 95<br>all docs | 95<br>docs citations | 95<br>times ranked | 3790<br>citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Microstimulation in Different Parts of the Periaqueductal Gray Generates Different Types of Vocalizations in the Cat. Journal of Voice, 2021, 35, 804.e9-804.e25. | 1.5 | 12 |
| 2 | Response to Pamela Davis and Shi Ping Zhang. Journal of Voice, 2021, , . | 1.5 | 0 |
| 3 | The physiological motor patterns produced by neurons in the nucleus retroambiguus in the rat and their modulation by vagal, peripheral chemosensory, and nociceptive stimulation. Journal of Comparative Neurology, 2018, 526, 229-242. | 1.6 | 9 |
| 4 | Two different motor systems are needed to generate human speech. Journal of Comparative Neurology, 2016, 524, 1558-1577. | 1.6 | 74 |
| 5 | Two different motor systems are needed to generate human speech. Journal of Comparative Neurology, 2016, 524, Spc1. | 1.6 | 1 |
| 6 | Motor organization of positive and negative emotional vocalization in the cat midbrain periaqueductal gray. Journal of Comparative Neurology, 2016, 524, 1540-1557. | 1.6 | 11 |
| 7 | How the Emotional Motor System Controls the Pelvic Organs. Sexual Medicine Reviews, 2016, 4, 303-328. | 2.9 | 53 |
| 8 | The Periaqueductal Gray Controls Brainstem Emotional Motor Systems Including Respiration. Progress in Brain Research, 2014, 209, 379-405. | 1.4 | 69 |
| 9 | Somatic mutations found in the healthy blood compartment of a 115-yr-old woman demonstrate oligoclonal hematopoiesis. Genome Research, 2014, 24, 733-742. | 5.5 | 136 |
| 10 | The midbrain periaqueductal gray changes the eupneic respiratory rhythm into a breathing pattern necessary for survival of the individual and of the species. Progress in Brain Research, 2014, 212, 351-384. | 1.4 | 46 |
| 11 | Stimulation of the midbrain periaqueductal gray modulates preinspiratory neurons in the ventrolateral medulla in the rat in vivo. Journal of Comparative Neurology, 2013, 521, 3083-3098. | 1.6 | 38 |
| 12 | Female orgasm but not male ejaculation activates the pituitary. A PET-neuro-imaging study. NeuroImage, 2013, 76, 178-182. | 4.2 | 29 |
| 13 | Pontine Control of Ejaculation and Female Orgasm. Journal of Sexual Medicine, 2013, 10, 3038-3048. | 0.6 | 34 |
| 14 | High-intensity Erotic Visual Stimuli De-activate the Primary Visual Cortex in Women. Journal of Sexual Medicine, 2012, 9, 1579-1587. | 0.6 | 15 |
| 15 | Brain circuits for mating behavior in cats and brain activations and de-activations during sexual stimulation and ejaculation and orgasm in humans. Hormones and Behavior, 2011, 59, 702-707. | 2.1 | 40 |
| 16 | Midbrain and medullary control of postinspiratory activity of the crural and costal diaphragm in vivo. Journal of Neurophysiology, 2011, 105, 2852-2862. | 1.8 | 22 |
| 17 | Periaqueductal Gray Control of Breathing. Advances in Experimental Medicine and Biology, 2010, 669, 353-358. | 1.6 | 33 |
| 18 | The Nucleus Retroambiguus Control of Respiration. Journal of Neuroscience, 2009, 29, 3824-3832. | 3.6 | 65 |

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|---|---|---|---|
| 19 | No disease in the brain of a 115-year-old woman. Neurobiology of Aging, 2008, 29, 1127-1132. | 3.1 | 69 |
| 20 | The Midbrain Periaqueductal Gray Control of Respiration. Journal of Neuroscience, 2008, 28, 12274-12283. | 3.6 | 134 |
| 21 | Infralimbic cortex projects to all parts of the pontine and medullary lateral tegmental field in cat. European Journal of Neuroscience, 2006, 23, 3014-3024. | 2.6 | 16 |
| 22 | Regional cerebral blood flow changes associated with clitorally induced orgasm in healthy women. European Journal of Neuroscience, 2006, 24, 3305-3316. | 2.6 | 182 |
| 23 | Afferent projections to the pontine micturition center in the cat. Journal of Comparative Neurology, 2006, 494, 36-53. | 1.6 | 57 |
| 24 | Afferent projections to pharynx and soft palate motoneurons: A light and electron microscopical tracing study in the cat. Journal of Comparative Neurology, 2005, 486, 18-38. | 1.6 | 4 |
| 25 | Two parts of the nucleus prepositus hypoglossi project to two different subdivisions of the dorsolateral periaqueductal gray in cat. Journal of Comparative Neurology, 2005, 492, 303-322. | 1.6 | 19 |
| 26 | Human brain activation during sexual stimulation of the penis. Journal of Comparative Neurology, 2005, 493, 33-38. | 1.6 | 123 |
| 27 | Micturition and the soul. Journal of Comparative Neurology, 2005, 493, 15-20. | 1.6 | 126 |
| 28 | Central nervous system control of ejaculation. World Journal of Urology, 2005, 23, 109-114. | 2.2 | 36 |
| 29 | Ultrastructural evidence for a direct excitatory pathway from the nucleus retroambiguus to lateral longissimus and quadratus lumborum motoneurons in the female golden hamster. Journal of Comparative Neurology, 2004, 480, 352-363. | 1.6 | 10 |
| 30 | The emotional brain: neural correlates of cat sexual behavior and human male ejaculation. Progress in Brain Research, 2004, 143, 39-45. | 1.4 | 30 |
| 31 | CENTRAL NERVOUS SYSTEM CONTROL OF MICTURITION. International Review of Neurobiology, 2003, 56, 123-145. | 2.0 | 47 |
| 32 | Brain Activation during Human Male Ejaculation. Journal of Neuroscience, 2003, 23, 9185-9193. | 3.6 | 375 |
| 33 | Spatiotemporal Activation of Lumbosacral Motoneurons in the Locomotor Step Cycle. Journal of Neurophysiology, 2002, 87, 1542-1553. | 1.8 | 140 |
| 34 | Emotional innervation of facial musculature. Movement Disorders, 2002, 17, S12-S16. | 3.9 | 37 |
| 35 | Nucleus retroambiguus projections to the periaqueductal gray in the cat. Journal of Comparative Neurology, 2002, 445, 47-58. | 1.6 | 13 |
| 36 | Estrogen receptor-Î± immunoreactivity in parasympathetic preganglionic neurons innervating the bladder in the adult ovariectomized cat. Neuroscience Letters, 2001, 298, 147-150. | 2.1 | 35 |

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|---|---|---|---|
| 37 | Ultrastructural evidence for direct projections from the pontine micturition center to glycine-immunoreactive neurons in the sacral dorsal gray commissure in the cat. Journal of Comparative Neurology, 2001, 429, 631-637. | 1.6 | 70 |
| 38 | Monosynaptic projections from the nucleus retroambiguus to motoneurons supplying the abdominal wall, axial, hindlimb, and pelvic floor muscles in the female rhesus monkey. Journal of Comparative Neurology, 2000, 424, 233-250. | 1.6 | 65 |
| 39 | Monosynaptic projections from the lateral periaqueductal gray to the nucleus retroambiguus in the rhesus monkey: Implications for vocalization and reproductive behavior. Journal of Comparative Neurology, 2000, 424, 251-268. | 1.6 | 78 |
| 40 | Segmental and laminar organization of the spinal neurons projecting to the periaqueductal gray (PAG) in the cat suggests the existence of at least five separate clusters of spino-PAG neurons. Journal of Comparative Neurology, 2000, 428, 389-410. | 1.6 | 50 |
| 41 | Two pontine micturition centers in the cat are not interconnected directly: Implications for the central organization of micturition. , 1999, 403, 209-218. | | 66 |
| 42 | Descending projections from the nucleus retroambiguus to the iliopsoas motoneuronal cell groups in the female golden hamster: Possible role in reproductive behavior. , 1999, 403, 219-228. | | 29 |
| 43 | Past as prelude:The central nervous system of vertebrates. Journal of Comparative Neurology, 1999, 410, 1-3. | 1.6 | 0 |
| 44 | The emotional motor system in relation to the supraspinal control of micturition and mating behavior. Behavioural Brain Research, 1998, 92, 103-109. | 2.2 | 58 |
| 45 | Premature ejaculation and serotonergic antidepressants-induced delayed ejaculation: the involvement of the serotonergic system. Behavioural Brain Research, 1998, 92, 111-118. | 2.2 | 345 |
| 46 | The central nervous system control of micturition in cats and humans. Behavioural Brain Research, 1998, 92, 119-125. | 2.2 | 138 |
| 47 | Sensory and motor components of reproductive behavior: pathways and plasticity. Behavioural Brain Research, 1998, 92, 157-167. | 2.2 | 50 |
| 48 | Estrogen receptor-alpha-immunoreactive neurons in the periaqueductal gray of the adult ovariectomized female cat. Neuroscience Letters, 1998, 240, 13-16. | 2.1 | 24 |
| 49 | Electrical stimulation of the sacral dorsal gray commissure evokes relaxation of the external urethral sphincter in the cat. Neuroscience Letters, 1998, 249, 68-70. | 2.1 | 90 |
| 50 | The pontine micturition center projects to sacral cord GABA immunoreactive neurons in the cat. Neuroscience Letters, 1997, 233, 109-112. | 2.1 | 136 |
| 51 | Estrogen receptor-immunoreactive neurons in the lumbosacral cord projecting to the periaqueductal gray in the ovariectomized female cat. Neuroscience Letters, 1997, 236, 25-28. | 2.1 | 28 |
| 52 | Ultrastructural evidence for a direct pathway from the pontine micturition center to the parasympathetic preganglionic motoneurons of the bladder of the cat. Neuroscience Letters, 1997, 222, 195-198. | 2.1 | 108 |
| 53 | Evidence for monosynaptic projections from the nucleus retroambiguus to hindlimb motoneurons in the cat. Neuroscience Letters, 1997, 224, 33-36. | 2.1 | 22 |
| 54 | Estrogen Induces Axonal Outgrowth in the Nucleus Retroambiguusâ€“Lumbosacral Motoneuronal Pathway in the Adult Female Cat. Journal of Neuroscience, 1997, 17, 1122-1136. | 3.6 | 82 |

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|---|---|---|---|
| 55 | Organization of lumbosacral motoneuronal cell groups innervating hindlimb, pelvic floor, and axial muscles in the cat. Journal of Comparative Neurology, 1997, 382, 46-76. | 1.6 | 200 |
| 56 | Nucleus retroambiguus projections to lumbosacral motoneuronal cell groups in the male cat. , 1997, 382, 77-88. | | 47 |
| 57 | A PET study on cortical and subcortical control of pelvic floor musculature in women. Journal of Comparative Neurology, 1997, 389, 535-544. | 1.6 | 129 |
| 58 | Organization of lumbosacral motoneuronal cell groups innervating hindlimb, pelvic floor, and axial muscles in the cat. Journal of Comparative Neurology, 1997, 382, 46-76. | 1.6 | 132 |
| 59 | A PET study on cortical and subcortical control of pelvic floor musculature in women. Journal of Comparative Neurology, 1997, 389, 535-544. | 1.6 | 3 |
| 60 | Location of external anal sphincter motoneurons in the sacral cord of the female domestic pig. Neuroscience Letters, 1996, 216, 203-206. | 2.1 | 20 |
| 61 | Pontine and medullary projections to the nucleus retroambiguus: A wheat germ agglutinin-horseradish peroxidase and autoradiographic tracing study in the cat. , 1996, 373, 173-185. | | 65 |
| 62 | Distinct cell groups in the lumbosacral cord of the cat project to different areas in the periaqueductal gray. , 1996, 376, 361-385. | | 129 |
| 63 | Dorsal border periaqueductal gray neurons project to the area directly adjacent to the central canal ependyma of the C4-T8 spinal cord in the cat. Experimental Brain Research, 1996, 112, 11-23. | 1.5 | 5 |
| 64 | Chapter 1 The emotional motor system. Progress in Brain Research, 1996, 107, 3-6. | 1.4 | 177 |
| 65 | Chapter 2 The somatic motor system. Progress in Brain Research, 1996, 107, 9-26. | 1.4 | 34 |
| 66 | Chapter 7 The neuronal control of micturition and its relation to the emotional motor system. Progress in Brain Research, 1996, 107, 113-126. | 1.4 | 43 |
| 67 | Chapter 20 A concept for the final common pathway of vocalization and lordosis behavior in the cat. Progress in Brain Research, 1996, 107, 327-342. | 1.4 | 47 |
| 68 | Ultrastructural evidence for a paucity of projections from the lumbosacral cord to the pontine micturition center or M-region in the cat: A new concept for the organization of the micturition reflex with the periaqueductal gray as central relay. Journal of Comparative Neurology, 1995, 359, 300-309. | 1.6 | 190 |
| 69 | Caudal medullary pathways to lumbosacral motoneuronal cell groups in the cat: Evidence for direct projections possibly representing the final common pathway for lordosis. Journal of Comparative Neurology, 1995, 359, 457-475. | 1.6 | 85 |
| 70 | The periaqueductal gray in the cat projects to lamina VIII and the medial part of lamina VII throughout the length of the spinal cord. Experimental Brain Research, 1994, 101, 253-264. | 1.5 | 83 |
| 71 | Direct projections from the periaqueductal gray to the pontine micturition center (M-region). An anterograde and retrograde tracing study in the cat. Neuroscience Letters, 1994, 166, 93-96. | 2.1 | 196 |
| 72 | Neuronal organization of micturition. Neurourology and Urodynamics, 1992, 11, 273-277. | 1.5 | 0 |

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|---|---|---|---|
| 73 | Dorsal mesencephalic projections to pons, medulla, and spinal cord in the cat: Limbic and non-limbic components. Journal of Comparative Neurology, 1992, 319, 536-559. | 1.6 | 102 |
| 74 | Chapter 14 Descending motor pathways and the spinal motor system: Limbic and non-limbic components. Progress in Brain Research, 1991, 87, 307-421. | 1.4 | 283 |
| 75 | Control and coordination of bladder and urethral function in the brainstem of the cat. Neurourology and Urodynamics, 1990, 9, 63-82. | 1.5 | 117 |
| 76 | Anatomical study of the final common pathway for vocalization in the cat. Journal of Comparative Neurology, 1989, 284, 242-252. | 1.6 | 305 |
| 77 | Anatomical evidence for a strong ventral parabrachial projection to nucleus raphe magnus and adjacent tegmental field. Brain Research, 1988, 447, 154-158. | 2.2 | 42 |
| 78 | Anatomical evidence for red nucleus projections to motoneuronal cell groups in the spinal cord of the monkey. Neuroscience Letters, 1988, 95, 97-101. | 2.1 | 46 |
| 79 | Projections from the red nucleus and surrounding areas to the brainstem and spinal cord in the cat. An HRP and autoradiographical tracing study. Behavioural Brain Research, 1988, 28, 33-57. | 2.2 | 92 |
| 80 | Ultrastructural evidence for direct monosynaptic rubrospinal connections to motoneurons in Macaca mulatta. Neuroscience Letters, 1988, 95, 102-106. | 2.1 | 44 |
| 81 | Chapter 3 Direct and indirect pathways to lamina I in the medulla oblongata and spinal cord of the cat. Progress in Brain Research, 1988, 77, 47-94. | 1.4 | 57 |
| 82 | SUPRASPINAL CONTROL OF MOTONEURONS INNERVATING THE STRIATED MUSCLES OF THE PELVIC FLOOR INCLUDING URETHRAL AND ANAL SPHINCTERS IN THE CAT. Brain, 1987, 110, 1323-1344. | 7.6 | 164 |
| 83 | Anatomical evidence for an ipsilateral rubrospinal pathway and for direct rubrospinal projections to motoneurons in the cat. Neuroscience Letters, 1987, 74, 269-274. | 2.1 | 59 |
| 84 | Some anatomical observations on the projections from the hypothalamus to brainstem and spinal cord: An HRP and autoradiographic tracing study in the cat. Journal of Comparative Neurology, 1987, 260, 98-126. | 1.6 | 363 |
| 85 | Afferent projections to the orbicularis oculi motoneuronal cell group. An autoradiographical tracing study in the cat. Brain Research, 1986, 374, 306-320. | 2.2 | 83 |
| 86 | Anatomical observation on the afferent projections to the retractor bulbi motoneuronal cell group and other pathways possibly related to the blink reflex in the cat. Brain Research, 1986, 374, 321-334. | 2.2 | 98 |
| 87 | Anatomical and physiological observations on suprapinal control of bladder and urethral sphincter muscles in the cat. Journal of Comparative Neurology, 1986, 250, 449-461. | 1.6 | 422 |
| 88 | Differential corticospinal projections in the cat. An autoradiographic tracing study. Brain Research, 1985, 343, 351-355. | 2.2 | 40 |
| 89 | Mesencephalic projections to the facial nucleus in the cat. An autoradiographical tracing study. Brain Research, 1984, 311, 7-22. | 2.2 | 74 |
| 90 | Location of Motoneurons Innervating Soft Palate, Pharynx and Upper Esophagus. Anatomical Evidence for a Possible Swallowing Center in the Pontine Reticular Formation. Brain, Behavior and Evolution, 1983, 23, 47-62. | 1.7 | 87 |

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| 91 | The Anatomy of Brain Stem Pathways to the Spinal Cord in Cat. A Labeled Amino Acid Tracing Study. Progress in Brain Research, 1982, 57, 145-175. | 1.4 | 431 |
| 92 | The efferent connections of the nucleus of the optic tract and the superior colliculus in the rabbit. Journal of Comparative Neurology, 1982, 209, 139-175. | 1.6 | 221 |
| 93 | Anatomical evidence for direct brain stem projections to the somatic motoneuronal cell groups and autonomic preganglionic cell groups in cat spinal cord. Brain Research, 1979, 171, 329-333. | 2.2 | 213 |
| 94 | PROPRIOBULBAR FIBRE CONNECTIONS TO THE TRIGEMINAL, FACIAL AND HYPOGLOSSAL MOTOR NUCLEI. Brain, 1977, 100, 239-264. | 7.6 | 145 |