

Benjamin L Hart

List of Publications by Year in descending order

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Version: 2024-02-01

123
papers

8,077
citations

57719

44
h-index

49868

87
g-index

123
all docs

123
docs citations

123
times ranked

5018
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Biological basis of the behavior of sick animals. <i>Neuroscience and Biobehavioral Reviews</i> , 1988, 12, 123-137. | 2.9 | 1,888 |
| 2 | Behavioral adaptations to pathogens and parasites: Five strategies. <i>Neuroscience and Biobehavioral Reviews</i> , 1990, 14, 273-294. | 2.9 | 612 |
| 3 | Animal Grouping for Protection From Parasites: Selfish Herd and Encounter-Dilution Effects. <i>Behaviour</i> , 1992, 123, 173-193. | 0.4 | 225 |
| 4 | Reciprocal allogrooming in impala, <i>Aepyceros melampus</i> . <i>Animal Behaviour</i> , 1992, 44, 1073-1083. | 0.8 | 170 |
| 5 | Prevalence of behavioral changes associated with age-related cognitive impairment in dogs. <i>Journal of the American Veterinary Medical Association</i> , 2001, 218, 1787-1791. | 0.2 | 168 |
| 6 | Behavioural defences in animals against pathogens and parasites: parallels with the pillars of medicine in humans. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2011, 366, 3406-3417. | 1.8 | 168 |
| 7 | Sexual reflexes and mating behavior in the male rat.. <i>Journal of Comparative and Physiological Psychology</i> , 1968, 65, 453-460. | 1.8 | 167 |
| 8 | Neutering Dogs: Effects on Joint Disorders and Cancers in Golden Retrievers. <i>PLoS ONE</i> , 2013, 8, e55937. | 1.1 | 156 |
| 9 | Large brains and cognition: Where do elephants fit in?. <i>Neuroscience and Biobehavioral Reviews</i> , 2008, 32, 86-98. | 2.9 | 155 |
| 10 | Heterosexual, autosexual and social behavior of adult male rhesus monkeys with medial preoptic-anterior hypothalamic lesions. <i>Brain Research</i> , 1978, 142, 105-122. | 1.1 | 150 |
| 11 | Gonadal androgen and sociosexual behavior of male mammals: A comparative analysis.. <i>Psychological Bulletin</i> , 1974, 81, 383-400. | 5.5 | 136 |
| 12 | Biological basis of grooming behaviour in antelope: the body-size, vigilance and habitat principles. <i>Animal Behaviour</i> , 1992, 44, 615-631. | 0.8 | 122 |
| 13 | Cognitive behaviour in Asian elephants: use and modification of branches for fly switching. <i>Animal Behaviour</i> , 2001, 62, 839-847. | 0.8 | 114 |
| 14 | Socializing Effects of Service Dogs for People with Disabilities. <i>Anthrozoos</i> , 1987, 1, 41-44. | 0.7 | 110 |
| 15 | Flehmen and vomeronasal organ function in male goats. <i>Physiology and Behavior</i> , 1980, 24, 1067-1071. | 1.0 | 104 |
| 16 | Long-Term Health Effects of Neutering Dogs: Comparison of Labrador Retrievers with Golden Retrievers. <i>PLoS ONE</i> , 2014, 9, e102241. | 1.1 | 104 |
| 17 | Evaluation of a behavioral assessment questionnaire for use in the characterization of behavioral problems of dogs relinquished to animal shelters. <i>Journal of the American Veterinary Medical Association</i> , 2005, 227, 1755-1761. | 0.2 | 98 |
| 18 | Medial preoptic-anterior hypothalamic area and sociosexual behavior of male dogs: A comparative neuropsychological analysis.. <i>Journal of Comparative and Physiological Psychology</i> , 1974, 86, 328-349. | 1.8 | 96 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Activation of sexual reflexes of male rats by dihydrotestosterone but not estrogen. <i>Physiology and Behavior</i> , 1979, 23, 107-109. | 1.0 | 92 |
| 20 | Sexual reflexes and mating behavior in the male dog.. <i>Journal of Comparative and Physiological Psychology</i> , 1967, 64, 388-399. | 1.8 | 91 |
| 21 | Effects of medial preoptic-anterior hypothalamic lesions on mating behavior of male cats. <i>Brain Research</i> , 1973, 54, 177-191. | 1.1 | 91 |
| 22 | Grooming in impala: Role of oral grooming in removal of ticks and effects of ticks in increasing grooming rate. <i>Physiology and Behavior</i> , 1996, 59, 965-971. | 1.0 | 91 |
| 23 | Behavioral Adaptations to Parasites: An Ethological Approach. <i>Journal of Parasitology</i> , 1992, 78, 256. | 0.3 | 81 |
| 24 | Causes of urine marking in cats and effects of environmental management on frequency of marking. <i>Journal of the American Veterinary Medical Association</i> , 2001, 219, 1709-1713. | 0.2 | 79 |
| 25 | Costs of allogrooming in impala: distraction from vigilance. <i>Animal Behaviour</i> , 1995, 49, 1414-1416. | 0.8 | 77 |
| 26 | Neutering of German Shepherd Dogs: associated joint disorders, cancers and urinary incontinence. <i>Veterinary Medicine and Science</i> , 2016, 2, 191-199. | 0.6 | 76 |
| 27 | The role of gonadal hormones in the occurrence of objectionable behaviours in dogs and cats. <i>Applied Animal Behaviour Science</i> , 1997, 52, 331-344. | 0.8 | 74 |
| 28 | How mammals stay healthy in nature: the evolution of behaviours to avoid parasites and pathogens. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20170205. | 1.8 | 74 |
| 29 | Activation of sexual reflexes in male rats by spinal implantation of testosterone. <i>Physiology and Behavior</i> , 1968, 3, 735-738. | 1.0 | 70 |
| 30 | Grooming and control of fleas in cats. <i>Applied Animal Behaviour Science</i> , 2000, 68, 141-150. | 0.8 | 69 |
| 31 | Effect of gonadectomy on subsequent development of age-related cognitive impairment in dogs. <i>Journal of the American Veterinary Medical Association</i> , 2001, 219, 51-56. | 0.2 | 69 |
| 32 | The evolution of herbal medicine: behavioural perspectives. <i>Animal Behaviour</i> , 2005, 70, 975-989. | 0.8 | 67 |
| 33 | Effects of a selective serotonin reuptake inhibitor on urine spraying behavior in cats. <i>Journal of the American Veterinary Medical Association</i> , 2001, 219, 1557-1561. | 0.2 | 66 |
| 34 | The organization and control of grooming in cats. <i>Applied Animal Behaviour Science</i> , 2000, 68, 131-140. | 0.8 | 62 |
| 35 | Predicting behavioral changes associated with age-related cognitive impairment in dogs. <i>Journal of the American Veterinary Medical Association</i> , 2001, 218, 1792-1795. | 0.2 | 61 |
| 36 | Role of sex and breeding status in grooming and total tick load of impala. <i>Behavioral Ecology and Sociobiology</i> , 1996, 39, 259-266. | 0.6 | 59 |

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|----|--|-----|-----------|
| 37 | Antibacterial properties of saliva: Role in maternal periparturient grooming and in licking wounds. <i>Physiology and Behavior</i> , 1990, 48, 383-386. | 1.0 | 58 |
| 38 | Differential grooming rate and tick load of territorial male and female impala, <i>Aepyceros melampus</i> . <i>Behavioral Ecology</i> , 1995, 6, 94-101. | 1.0 | 57 |
| 39 | Differences in responsiveness to testosterone of penile reflexes and copulatory behavior of male rats. <i>Hormones and Behavior</i> , 1983, 17, 274-283. | 1.0 | 55 |
| 40 | Flehmen in male goats: Role in sexual behavior. <i>Behavioral and Neural Biology</i> , 1980, 30, 312-322. | 2.3 | 52 |
| 41 | Postcopulatory genital grooming in male rats: Prevention of sexually transmitted infections. <i>Physiology and Behavior</i> , 1987, 41, 321-325. | 1.0 | 50 |
| 42 | The action of extrinsic penile muscles during copulation in the male dog. <i>The Anatomical Record</i> , 1972, 173, 1-5. | 2.3 | 48 |
| 43 | Assisting Decision-Making on Age of Neutering for 35 Breeds of Dogs: Associated Joint Disorders, Cancers, and Urinary Incontinence. <i>Frontiers in Veterinary Science</i> , 2020, 7, 388. | 0.9 | 48 |
| 44 | Facilitation by strychnine of reflex walking in spinal dogs. <i>Physiology and Behavior</i> , 1971, 6, 627-628. | 1.0 | 47 |
| 45 | Effects of testosterone propionate and dihydrotestosterone on penile morphology and sexual reflexes of spinal male rats. <i>Hormones and Behavior</i> , 1973, 4, 239-246. | 1.0 | 45 |
| 46 | Control of urine marking by use of long-term treatment with fluoxetine or clomipramine in cats. <i>Journal of the American Veterinary Medical Association</i> , 2005, 226, 378-382. | 0.2 | 45 |
| 47 | Changes in urine spraying, feeding and sleep behavior of cats following medial preoptic-anterior hypothalamic lesions. <i>Brain Research</i> , 1978, 145, 406-409. | 1.1 | 44 |
| 48 | Fly switching by Asian elephants: tool use to control parasites. <i>Animal Behaviour</i> , 1994, 48, 35-45. | 0.8 | 44 |
| 49 | Role of prior experience in the effects of castration on sexual behavior of male dogs.. <i>Journal of Comparative and Physiological Psychology</i> , 1968, 66, 719-725. | 1.8 | 44 |
| 50 | Veterinarians and Humane Endings: When Is It the Right Time to Euthanize a Companion Animal?. <i>Frontiers in Veterinary Science</i> , 2017, 4, 45. | 0.9 | 41 |
| 51 | Differential foraging of oxpeckers on impala in comparison with sympatric antelope species. <i>African Journal of Ecology</i> , 1990, 28, 240-249. | 0.4 | 38 |
| 52 | Manipulation of neonatal androgen: Effects on sexual responses and penile development in male rats. <i>Physiology and Behavior</i> , 1972, 8, 841-845. | 1.0 | 37 |
| 53 | Stimulus and hormonal determinants of flehmen behavior in cats. <i>Hormones and Behavior</i> , 1987, 21, 44-52. | 1.0 | 36 |
| 54 | Self grooming in impala mothers and lambs: testing the body size and tick challenge principles. <i>Animal Behaviour</i> , 1997, 53, 925-934. | 0.8 | 36 |

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|----|---|-----|-----------|
| 55 | Sexual reflexes in the male rat after anesthetization of the glans penis. Behavioral Biology, 1972, 7, 127-130. | 2.3 | 34 |
| 56 | Characterisation of plant eating in dogs. Applied Animal Behaviour Science, 2008, 111, 120-132. | 0.8 | 34 |
| 57 | Environmental and hormonal influences on urine marking behavior in the adult male dog. Behavioral Biology, 1974, 11, 167-176. | 2.3 | 33 |
| 58 | Effects of medial preopticâ€“anterior hypothalamic lesions on development of sociosexual behavior in dogs.. Journal of Comparative and Physiological Psychology, 1979, 93, 566-573. | 1.8 | 33 |
| 59 | An approach to canine behavioural genetics employing guide dogs for the blind. Animal Genetics, 2009, 40, 217-224. | 0.6 | 31 |
| 60 | Effects of castration on sexual behavior of tropical male goats. Hormones and Behavior, 1975, 6, 247-258. | 1.0 | 30 |
| 61 | The Behavior of Sick Animals. Veterinary Clinics of North America - Small Animal Practice, 1991, 21, 225-237. | 0.5 | 30 |
| 62 | Reciprocal Allogrooming in Damâ€“reared and Handâ€“reared Impala Fawns. Ethology, 1992, 90, 37-51. | 0.5 | 29 |
| 63 | Applied ethology in a nomadic cattle culture. Applied Animal Ethology, 1979, 5, 309-319. | 0.5 | 28 |
| 64 | Female and male sexual responses in female cats with ventromedial hypothalamic lesions.. Behavioral Neuroscience, 1985, 99, 936-941. | 0.6 | 27 |
| 65 | Evaluation of urine marking by cats as a model for understanding veterinary diagnostic and treatment approaches and client attitudes. Journal of the American Veterinary Medical Association, 2002, 221, 1282-1286. | 0.2 | 27 |
| 66 | Role of Grooming in Biological Control of Ticks. Annals of the New York Academy of Sciences, 2000, 916, 565-569. | 1.8 | 27 |
| 67 | Association analysis between canine behavioural traits and genetic polymorphisms in the Shiba Inu breed. Animal Genetics, 2009, 40, 616-622. | 0.6 | 26 |
| 68 | Prevention of genital grooming in mating behaviour of male rats (Rattus norvegicus). Animal Behaviour, 1971, 19, 230-232. | 0.8 | 25 |
| 69 | Medial preoptic-anterior hypothalamic lesions and sociosexual behavior of male goats. Physiology and Behavior, 1986, 36, 301-305. | 1.0 | 25 |
| 70 | Mating behavior in the female dog and the effects of estrogen on sexual reflexes. Hormones and Behavior, 1970, 1, 93-104. | 1.0 | 24 |
| 71 | Reciprocal Allogrooming in Wild Impala Lambs. Ethology, 1997, 103, 665-680. | 0.5 | 24 |
| 72 | The paradox of canine conspecific coprophagy. Veterinary Medicine and Science, 2018, 4, 106-114. | 0.6 | 24 |

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|----|---|-----|-----------|
| 73 | Analysis of the catnip reaction: mediation by olfactory system, not vomeronasal organ. Behavioral and Neural Biology, 1985, 44, 38-46. | 2.3 | 23 |
| 74 | Evaluation of the role of lower urinary tract disease in cats with urine-marking behavior. Journal of the American Veterinary Medical Association, 2003, 223, 457-461. | 0.2 | 23 |
| 75 | Developmental and hair-coat determinants of grooming behaviour in goats and sheep. Animal Behaviour, 2004, 67, 11-19. | 0.8 | 23 |
| 76 | Neurological Bases of Male Sexual Behavior. , 1985, , 373-422. | | 23 |
| 77 | Alteration of quantitative aspects of sexual reflexes in spinal male dogs by testosterone.. Journal of Comparative and Physiological Psychology, 1968, 66, 726-730. | 1.8 | 23 |
| 78 | Sexual behavior and penile reflexes of neonatally castrated male rats treated in infancy with estrogen and dihydrotestosterone. Hormones and Behavior, 1979, 13, 256-268. | 1.0 | 22 |
| 79 | Elicitation of ejaculation and penile reflexes in spinal male rats by peripheral electric shock. Physiology and Behavior, 1981, 26, 623-626. | 1.0 | 21 |
| 80 | Aggressive Domination of Cattle by Fulani Herdsmen and Its Relation to Aggression in Fulani Culture and Personality. Ethos, 1977, 5, 174-186. | 0.1 | 20 |
| 81 | Behavior of Sick Animals. Veterinary Clinics of North America - Food Animal Practice, 1987, 3, 383-391. | 0.5 | 20 |
| 82 | Effects of castration on grooming in goats. Physiology and Behavior, 1998, 64, 707-713. | 1.0 | 20 |
| 83 | Effects of Relatedness, Dominance, Age, and Association on Reciprocal Allogrooming by Captive Impala. Ethology, 1993, 94, 207-220. | 0.5 | 20 |
| 84 | When Yawning Occurs in Elephants. Frontiers in Veterinary Science, 2017, 4, 22. | 0.9 | 19 |
| 85 | Affectionate Interactions of Cats with Children Having Autism Spectrum Disorder. Frontiers in Veterinary Science, 2018, 5, 39. | 0.9 | 19 |
| 86 | Alteration in vomeronasal system anatomy in alcelaphine antelopes: Correlation with alteration in chemosensory investigation. Physiology and Behavior, 1988, 42, 155-162. | 1.0 | 18 |
| 87 | Behavioral and Pharmacologic Approaches to Problem Urination in Cats. Veterinary Clinics of North America - Small Animal Practice, 1996, 26, 651-658. | 0.5 | 18 |
| 88 | Facilitation by estrogen of sexual reflexes in female cats. Physiology and Behavior, 1971, 7, 675-678. | 1.0 | 17 |
| 89 | Female sexual responses in male cats facilitated by olfactory bulbectomy and medial preoptic/anterior hypothalamic lesions.. Behavioral Neuroscience, 1983, 97, 608-614. | 0.6 | 17 |
| 90 | Hormonal control of grooming behavior in domestic goats. Physiology and Behavior, 2003, 78, 61-66. | 1.0 | 17 |

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|-----|--|-----|-----------|
| 91 | Normal Behavior and Behavioral Problems Associated with Sexual Function, Urination, and Defecation. <i>The Veterinary Clinics of North America</i> , 1974, 4, 589-606. | 0.1 | 16 |
| 92 | Grooming rates in klipspringer and steinbok reflect environmental exposure to ticks. <i>African Journal of Ecology</i> , 1996, 34, 79-82. | 0.4 | 16 |
| 93 | Sickness Behavior in Animals: Implications for Health and Wellness. , 2019, , 171-175. | | 16 |
| 94 | Flehmen Behavior and Vomeronasal Organ Function. , 1983, , 87-103. | | 16 |
| 95 | Assisting Decision-Making on Age of Neutering for Mixed Breed Dogs of Five Weight Categories: Associated Joint Disorders and Cancers. <i>Frontiers in Veterinary Science</i> , 2020, 7, 472. | 0.9 | 15 |
| 96 | Grooming in desert bighorn sheep (<i>Ovis canadensis mexicana</i>) and the ghost of parasites past. <i>Behavioral Ecology</i> , 2006, 17, 364-371. | 1.0 | 14 |
| 97 | An Ancient Practice but a New Paradigm: Personal Choice for the Age to Spay or Neuter a Dog. <i>Frontiers in Veterinary Science</i> , 2021, 8, 603257. | 0.9 | 14 |
| 98 | Is unusual animal behavior observed before earthquakes? Yes and no. <i>Geophysical Research Letters</i> , 1979, 6, 685-687. | 1.5 | 13 |
| 99 | Reflexive Mechanisms in Copulatory Behavior. , 1978, , 205-242. | | 13 |
| 100 | Medial preoptic-anterior hypothalamic lesions in prepubertal male cats: Effects on juvenile and adult sociosexual behaviors. <i>Physiology and Behavior</i> , 1986, 36, 501-506. | 1.0 | 11 |
| 101 | Roles of the Olfactory and Vomeronasal Systems in Behavior. <i>Veterinary Clinics of North America - Food Animal Practice</i> , 1987, 3, 463-475. | 0.5 | 11 |
| 102 | Serum Testosterone of Neonatal Male and Female Dogs ¹ . <i>Biology of Reproduction</i> , 1979, 21, 289-292. | 1.2 | 10 |
| 103 | Accelerated and Enhanced Testosterone Secretion in Juvenile Male Dogs following Medial Preoptic-Anterior Hypothalamic Lesions. <i>Neuroendocrinology</i> , 1980, 30, 20-24. | 1.2 | 10 |
| 104 | Autogrooming and Social Grooming in Impala. <i>Annals of the New York Academy of Sciences</i> , 1988, 525, 399-402. | 1.8 | 10 |
| 105 | Compatibility of Cats With Children in the Family. <i>Frontiers in Veterinary Science</i> , 2018, 5, 278. | 0.9 | 10 |
| 106 | Physiology of Sexual Function. <i>The Veterinary Clinics of North America</i> , 1974, 4, 557-571. | 0.1 | 9 |
| 107 | Retrospective studies of unusual animal behavior as an earthquake predictor. <i>Geophysical Research Letters</i> , 1981, 8, 1203-1206. | 1.5 | 9 |
| 108 | Human-directed aggression in miniature pet pigs. <i>Journal of the American Veterinary Medical Association</i> , 2007, 230, 385-389. | 0.2 | 9 |

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|-----|--|-----|-----------|
| 109 | Contagious Yawning in African Elephants (<i>Loxodonta africana</i>): Responses to Other Elephants and Familiar Humans. <i>Frontiers in Veterinary Science</i> , 2020, 7, 252. | 0.9 | 9 |
| 110 | Effects of Hormones on Behavioral Defenses Against Parasites. , 1997, , 210-230. | | 9 |
| 111 | Neonatal spinal transection in male rats: differential effects on penile reflexes and other reflexes. <i>Brain Research</i> , 1980, 197, 242-246. | 1.1 | 8 |
| 112 | Sequential medial preoptic-anterior hypothalamic lesions have same effect on copulatory behavior of male cats as simultaneous lesions. <i>Brain Research</i> , 1980, 185, 423-428. | 1.1 | 8 |
| 113 | Bulbocavernosus Reflex in the Paraplegic and Intact Dog. <i>Journal of Urology</i> , 1966, 95, 384-386. | 0.2 | 6 |
| 114 | How Does the Social Grouping of Animals in Nature Protect Against Sickness? A Perspective. <i>Frontiers in Behavioral Neuroscience</i> , 2021, 15, 672097. | 1.0 | 6 |
| 115 | Effects of intermittent electric shock on penile reflexes of male rats. <i>Behavioral and Neural Biology</i> , 1980, 29, 394-398. | 2.3 | 5 |
| 116 | Species-specific patterns of urine investigation and flehmen in Grant's gazelle (<i>Gazella granti</i>), Thomson's gazelle (<i>G. thomsoni</i>), impala (<i>Aepyceros melampus</i>), and eland (<i>Taurotragus oryx</i>).. <i>Journal of Comparative Psychology</i> (Washington, D C: 1983), 1987, 101, 299-304. | 0.3 | 4 |
| 117 | Neurosurgery for Behavioral Problems: A Curiosity or the New Wave?. <i>Veterinary Clinics of North America - Small Animal Practice</i> , 1982, 12, 707-714. | 0.5 | 3 |
| 118 | Postcopulatory Grooming in Male Rats Prevents Sexually Transmitted Diseases. <i>Annals of the New York Academy of Sciences</i> , 1988, 525, 397-398. | 1.8 | 2 |
| 119 | Normal and problematic reproductive behaviour in the domestic cat. , 0, , 27-36. | | 2 |
| 120 | Breed and gender differences in dog behavior. , 2016, , 118-132. | | 1 |
| 121 | Characteristics of Plant Eating in Domestic Cats. <i>Animals</i> , 2021, 11, 1853. | 1.0 | 1 |
| 122 | Breed and gender behaviour differences: relation to the ancient history and origin of the domestic cat. , 0, , 155-166. | | 0 |
| 123 | Feline behavioural problems and solutions. , 0, , 201-212. | | 0 |