

Curriculum Vitae

VOLODIN Ilya

Contact information

Lab. of Animal Behaviour,
Dept. of Vertebrate Zoology,
Faculty of Biology,
Lomonosov Moscow State University,
Vorobievsky Gory, 1/12, Moscow,
119991, Russia

Tel. +7 495 939-4578

Mobile: +7 817 544-9505

e-mail volodinsvoc@gmail.com

e-mail volodinsvoc@mail.ru

webpage: http://vertebrata.bio.msu.ru/html/volodin_eng.html

webpage (personal): <http://www.bioacoustica.org/>

Personal information

Date of birth: 13 November 1962

Place of birth: Moscow, Russia

Nationality and citizenship: Russian

Marital status: Married, daughter Darja (1984) and son Andrey (1986)

Education

Prof.Dr., Zoology, 2013, Lomonosov Moscow State University, Moscow, Russia

Ph.D., Zoology, 1999, Lomonosov Moscow State University, Moscow, Russia

Diploma of Zoology, 1984, Lomonosov Moscow State University, Moscow, Russia

Professional experience

2015-present: Leading researcher, Faculty of Biology, Lomonosov Moscow State University. Courses: Bioacoustics of vertebrates, Practicum on bioacoustics, Actual problems of current zoology

2008-present: Associate Professor, Faculty of Biology, Lomonosov Moscow State University. Courses: Bioacoustics of vertebrates, Actual problems of current zoology

2004-2015: Senior researcher, Faculty of Biology, Lomonosov Moscow State University

2003-2008: Lecturer, Faculty of Biology, Lomonosov Moscow State University. Courses: Bioacoustics of vertebrates, Actual problems of current zoology

2004-present: Researcher, Scientific research department, Moscow Zoo (part-time)

2000-2003: Visiting Lecturer, Faculty of Biology, Lomonosov Moscow State University. Courses: Animal behaviour, Actual problems of current zoology

1991-2004: Senior researcher, Scientific research department, Moscow Zoo

1984-1991: Researcher, Scientific research department, Moscow Zoo

Publications

Peer reviewed journals

Volodin I.A., Volodina E.V., Frey R. Bull bellows and bugles: a remarkable convergence of low and high-frequency vocalizations between male domestic cattle *Bos taurus* and the rutting calls of Siberian and North American wapiti // *Bioacoustics*, 2017, v. 26. doi: 10.1080/09524622.2016.1275805

Panyutina A.A., Kuznetsov A.N., **Volodin I.A.**, Abramov A.V., Soldatova I.B. A blind climber: the first evidence of ultrasonic echolocation in arboreal mammals // *Integrative Zoology*, 2017, V. 12, N 2, p. 172-184.

Schneiderova I., Volodina E., Matrosova V., **Volodin I.** One plus one: Binary alarm calls retain individual signature for longer periods than single-note alarms in the European ground squirrel (*Spermophilus citellus*). *Behavioural Processes*, 2017, v. 138, p. 73-81.

Volodin I.A., Efremova K.O., Frey R., Soldatova N.V., Volodina E.V. Vocal changes accompanying the descent of the larynx during ontogeny from neonates to adults in male and female goitred gazelles (*Gazella subgutturosa*) // *Zoology*, 2017, V. 120, N 1. p. 31-41.

Sibiryakova O.V., **Volodin I.A.**, Frey R., Zuther S., Kisebaev T.B., Salemgareev A.R., Volodina E.V. Remarkable vocal identity in wild-living mother and neonate saiga antelopes: a specialization for breeding in huge aggregations? // *Science of Nature*, 2017, v. 104, 11.

Zaytseva A.S., **Volodin I.A.**, Ilchenko O.G., Volodina E.V. Discomfort-related changes in pup ultrasonic calls of fat-tailed gerbils *Pachyuromys duprasi* // *Bioacoustics*, 2017, V. 26, N 1, p. 1-13.

Volodin I.A., Volodina E.V., Golosova O.S. Automated monitoring of vocal rutting activity in red deer (*Cervus elaphus*) // *Russian Journal of Theriology*, 2016, v. 15, N 2, p. 91-99.

Smirnova D.S., **Volodin I.A.**, Demina T.S., Volodina E.V. Acoustic structure and contextual use of calls by captive male and female cheetahs (*Acinonyx jubatus*) // *PLoS ONE*, 2016, v. 11(6): e0158546. p. 1-20. doi: 10.1371/journal.pone.0158546.

Efremova K.O., Frey R., **Volodin I.A.**, Fritsch G., Soldatova N.V., Volodina E.V. The postnatal ontogeny of the sexually dimorphic vocal apparatus in goitred gazelles (*Gazella subgutturosa*) // *Journal of Morphology*, 2016, V. 277, N 6, P. 826-844. doi: 10.1002/jmor.20538

Matrosova V.A., Rusin M.Y., Volodina E.V., Proyavka S.V., Savinetskaya L.E., Shekarova O.N., Rashevskaya H.V., **Volodin I.A.** Genetic and alarm call diversity across scattered populations of speckled ground squirrels (*Spermophilus suslicus*) // *Mammalian Biology*, 2016, V. 81, № 3, P. 255-265.

Frey R., **Volodin I.**, Fritsch G., Volodina E. Potential sources of high frequency and biphonic vocalization in the dhole (*Cuon alpinus*) // *PLoS ONE*, 2016, v. 11(1): e0146330. p. 1-26. doi: 10.1371/journal.pone.0146330.

Zaytseva A.S., Ilchenko O.G., **Volodin I.A.**, Volodina E.V. Early postnatal development of the fat-tailed gerbil (*Pachyuromys duprasi*, Rodentia, Gerbillinae) in a laboratory colony // *Zoologicheskii zhurnal*, 2016, V. 95, № 1, P. 94-103. [in Russian]

Volodin I.A., Sibiryakova O.V., Volodina E.V. Sex and age-class differences in calls of Siberian wapiti *Cervus elaphus sibiricus* // *Mammalian Biology*, 2016, V. 81, № 1, P. 10-20. DOI 10.1016/j.mambio.2015.09.002

Volodin I.A., Volodina E.V., Klenova A.V., Matrosova V.A. Gender identification using acoustic analysis in birds without external sexual dimorphism // *Avian Research*, 2015, V. 6:20, P. 1-17. DOI 10.1186/s40657-015-0033-y

Zaytseva A.S., **Volodin I.A.**, Mason M.J., Frey R., Fritsch G., Ilchenko O.G., Volodina E.V. Vocal development during postnatal growth and ear morphology in a shrew that generates seismic vibrations, *Diplomesodon pulchellum* // *Behavioural Processes*, 2015, V. 118, P. 130–141.

Volodin I.A., Volodina E.V., Sibiryakova O.V., Naidenko S.V., Hernandez-Blanco J.A., Litvinov M.N., Rozhnov V.V. Vocal activity of the red deer and the acoustic structure of its rutting calls in the Russian Far East // *Doklady Biological Sciences*, 2015, V. 462, p. 144–147.

Sibiryakova O.V., **Volodin I.A.**, Matrosova V.A., Volodina E.V., Garcia A.J., Gallego L., Landete-Castillejos T. The power of oral and nasal calls to discriminate individual mothers and offspring in red deer, *Cervus elaphus* // *Frontiers in Zoology*, 2015, v. 12:2, p. 1-12. DOI 10.1186/s12983-014-0094-5

Volodin I.A., Zaytseva A.S., Ilchenko O.G., Volodina E.V. Small mammals ignore common rules: A comparison of vocal repertoires and the acoustics between pup and adult piebald shrews *Diplomesodon pulchellum* // *Ethology*, 2015, V. 121, N 2, P. 103-115.

Volodin I., Matrosova V., Volodina E., Garcia A.J., Gallego L., Márquez R., Llusia D., Beltrán J.F., Landete-Castillejos T. Sex and age-class differences in calls of Iberian red deer during rut: reversed sex dimorphism of pitch and contrasting roars from farmed and wild stags // *Acta Ethologica*, 2015, v. 18, N 1, p. 19-29.

Matrosova V.A., Savinetskaya L.E., Shekarova O.N., Pivanova S.V., Rusin M.Yu., **Volodin I.A.**, Volodina E.V., Tchabovsky A.V. Within- and between-population polymorphism of the mtDNA control region of the speckled ground squirrel (*Spermophilus suslicus*) // *Doklady Biological Sciences*, 2014, V. 455, p. 143-148.

Volodin I.A., Sibiryakova O.V., Kokshunova L.E., Frey R., Volodina E.V. Nasal and oral calls in mother and young trunk-nosed saiga antelopes, *Saiga tatarica* // *Bioacoustics*, 2014, v. 23, N 2, p. 79-98.

Volodin I.A., Volodina E.V., Lapshina E.N., Efremova K.O., Soldatova N.V. Vocal group signatures in the goitred gazelle *Gazella subgutturosa* // *Animal Cognition*, 2014, v. 17, № 2, p.349-357.

Volodin I.A., Volodina E.V., Frey R., Maymanakova I.L. Vocal activity and acoustic structure of the rutting calls of Siberian wapiti (*Cervus elaphus sibiricus*) and their imitation with a hunting luring instrument // *Russian Journal of Theriology*, 2013, V. 12, N 2, P. 99-106.

Zaytseva A.S., Vakhrusheva G.V., Ilchenko O.G., **Volodin I.A.** Postnatal development of piebald shrews (*Diplomesodon pulchellum*, Insectivora, Soricidae) in captivity // *Zoologicheskii Zhurnal*, 2013, V. 92, № 12, P. 1463-1474. [in Russian]

Gogoleva S.S., **Volodin I.A.**, Volodina E.V., Kharlamova A.V., Trut L.N. Effects of selection for behavior, human approach mode and sex on vocalization in silver fox // *Journal of Ethology*, 2013, V. 31, № 1, p. 95-100.

Volodin I., Volodina E., Frey R., Carranza J., Torres-Porrás J. Spectrographic analysis points to source-filter coupling in rutting roars of Iberian red deer // *Acta Ethologica*, 2013, V. 16, № 1, p. 57-63.

Volodin I.A., Kalaschnikova M.V., Klinkova E.S., Goltsman A.M., Goltsman M.E., Kruchenkova E.P. Structure of the arctic fox (*Alopex lagopus beringensis*) settlement on the north of Bering island // *Zoologicheskii Zhurnal*, 2012, v. 91, N 10, p. 1231-1243. [in Russian]

Volodin I.A., Zaytseva A.S., Ilchenko O.G., Volodina E.V., Chebotareva A.L. Measuring airborne components of seismic body vibrations in a Middle-Asian sand-dwelling insectivora species, the piebald shrew (*Diplomesodon pulchellum*) // *Journal of Experimental Biology*, 2012, v. 215, N 16, p. 2849-2852.

Lapshina E.N., **Volodin I.A.**, Volodina E.V., Frey R., Efremova K.O., Soldatova N.V. The ontogeny of acoustic individuality in the nasal calls of captive goitred gazelles, *Gazella subgutturosa* // *Behavioural Processes*, 2012, v. 90, N 3, p. 323-330.

Matrosova V.A., Pivanova S.V., Savinetskaya L.E., **Volodin I.A.**, Volodina E.V., Shekarova O.N. The between-population variation of the alarm call in the speckled ground squirrel (*Spermophilus suslicus*, Rodentia, Sciuridae): effects of sex, age and body mass // Zoologicheskii Zhurnal, 2012, v. 91, N 4, p. 453-463. [in Russian]

Frey R., **Volodin I.**, Volodina E., Carranza J., Torres-Porras J. Vocal anatomy, tongue protrusion behaviour and the acoustics of rutting roars in free-ranging Iberian red deer stags (*Cervus elaphus hispanicus*) // Journal of Anatomy, 2012, v. 220, N 3, p. 271-292.

Matrosova V.A., Schneiderová I., **Volodin I.A.**, Volodina E.V. Species-specific and shared features in vocal repertoires of three Eurasian ground squirrels (genus *Spermophilus*) // Acta Theriologica, 2012, v. 57, p. 65-78.

Efremova K.O., **Volodin I.A.**, Volodina E.V., Frey R., Lapshina E.N., Soldatova N.V. Developmental changes of nasal and oral calls in the goitred gazelle *Gazella subgutturosa*, a nonhuman mammal with a sexually dimorphic and descended larynx // Naturwissenschaften, 2011, v. 98, N 11, p. 919-931.

Efremova K.O., **Volodin I.A.**, Volodina E.V., Frey R., Soldatova N.V., Lapshina E.N., Makarov I.S., Gorbunov K.S., 2011. Sex and age effects on the structural features of nasal calls and body size in the goitred gazelle (*Gazella subgutturosa*, Artiodactyla, Bovidae) calves // Zoologicheskii Zhurnal, v. 90, N 5, p. 603-615. [in Russian]

Frey R., **Volodin I.**, Volodina E., Soldatova N.V., Juldachev E.T. Descended and mobile larynx, vocal tract elongation and rutting roars in male goitred gazelles (*Gazella subgutturosa* Gldenstaedt, 1780) // Journal of Anatomy, 2011, v. 218, p. 566-585.

Volodin I.A., Lapshina E.N., Volodina E.V., Frey R., Soldatova N.V. Nasal and oral calls in juvenile goitred gazelles (*Gazella subgutturosa*) and their potential to encode sex and identity // Ethology, 2011, v. 117, p. 294-308.

Matrosova V.A., Blumstein D.T., **Volodin I.A.**, Volodina E.V. The potential to encode sex, age, and individual identity in the alarm calls of three species of Marmotinae // Naturwissenschaften, 2011, v. 98, p. 181-192.

Gogoleva S.S., **Volodin I.A.**, Volodina E.V., Kharlamova A.V., Trut L.N. Explosive vocal activity for attracting human attention is related to domestication in silver fox // Behavioural Processes, 2011, v. 86, p. 216-221.

Volodina E.V., Matrosova V.A., **Volodin I.A.** An unusual effect of maturation on the alarm call fundamental frequency in two species of ground squirrels // Bioacoustics, 2010, v. 20, N 1, p. 87-98.

Gogoleva S.S., **Volodin I.A.**, Volodina E.V., Kharlamova A.V., Trut L.N. Sign and strength of emotional arousal: Vocal correlates of positive and negative attitudes to humans in silver foxes (*Vulpes vulpes*) // Behaviour, 2010, v. 147, p. 1713-1736.

Matrosova V.A., **Volodin I.A.**, Volodina E.V., Vasilieva N.A. Stability of acoustic individuality in the alarm calls of wild yellow ground squirrels *Spermophilus fulvus* and contrasting calls from trapped and free-ranging callers // Naturwissenschaften, 2010, v. 97, p. 707-715.

Gogoleva S.S., Volodina E.V., **Volodin I.A.**, Kharlamova A.V., Trut L.N. The gradual vocal responses to human-provoked discomfort in farmed silver foxes // Acta Ethologica, 2010, v. 13, N 2, p. 75-85.

Matrosova V.A., **Volodin I.A.**, Volodina E.V., Vasilieva N.A., Kochetkova A.A. Between-year stability of individual alarm calls in the yellow ground squirrel *Spermophilus fulvus* // Journal of Mammalogy, 2010, v. 91, N 3, p. 620-627.

Gogoleva S.S., **Volodin I.A.**, Volodina E.V., Kharlamova A.V., Trut L.N. Vocalization toward conspecifics in silver foxes (*Vulpes vulpes*) selected for tame or aggressive behavior toward humans // Behavioural Processes, 2010, v. 84, p. 547-554.

Klenova A.V., **Volodin I.A.**, Volodina E.V., Postelnykh K.A. Voice breaking in adolescent red-crowned cranes *Grus japonensis* // Behaviour, 2010, v. 147, N 4, p. 505-524.

Zubakin V.A., **Volodin I.A.**, Klenova A.V., Zubakina E.V., Volodina E.V., Lapshina E.N. Behavior of the crested auklet (*Aethia cristatella*, Charadriiformes, Alcidae) in breeding season: visual and acoustic displays // Zoologicheskii Zhurnal, 2010, v. 89, N 3, p. 331-345. [in Russian]

Gogoleva S.S., **Volodin I.A.**, Volodina E.V., Kharlamova A.V., Trut L.N. Kind granddaughters of angry grandmothers: The effect of domestication on vocalization in cross-bred silver foxes // Behavioural Processes, 2009, v. 81, N 3, p. 369-375.

Volodin I.A., Volodina E.V., Gogoleva S.S., Doronina L.O. Indicators of emotional arousal in vocal emissions of the humans and nonhuman mammals // Zhurnal obschei biologii, 2009, v. 70, N 3, p. 210-224. [in Russian]

Klenova A.V., **Volodin I.A.**, Volodina E.V. The variation in reliability of individual vocal signature throughout ontogenesis in the red-crowned crane *Grus japonensis* // Acta Ethologica, 2009, v. 12, N 1, p. 29-36.

Klenova A.V., **Volodin I.A.**, Volodina E.V. Examination of pair-duet stability to promote long-term monitoring of the endangered red-crowned crane (*Grus japonensis*) // Journal of Ethology, 2009, v. 27, N 3, p. 401-406.

Matrosova V.A., **Volodin I.A.**, Volodina E.V. The short-term and long-term individuality in speckled ground squirrel alarm calls // Journal of Mammalogy, 2009, v. 90, N 1, p. 158-166.

Volodin I.A., Volodina E.V., Efremova K.O. Antelope, calling through the nose: structure of sounds and effect of sexual selection on the vocal behavior of the saiga (*Saiga tatarica*) // Zoologicheskii Zhurnal, 2009, v. 88, N 1, p. 113-124. [in Russian]

Volodin I., Kaiser M., Matrosova V., Volodina E., Klenova A., Filatova O., Kholodova M. The technique of noninvasive distant sexing for four monomorphic *Dendrocygna* whistling duck species by their loud whistles // Bioacoustics, 2009, v. 18, N 3, p. 277-290.

Gogoleva S.S., **Volodin I.A.**, Volodina E.V., Trut L.N. To bark or not to bark: Vocalization in red foxes selected for tameness or aggressiveness toward humans // Bioacoustics, 2008, v. 18, N 2, p. 99-132.

Gogoleva S.S., **Volodin I.A.**, Volodina E.V., Trut L.N., Kharlamova A.V. The sustainable effect of selection for behaviour on vocalization in the silver fox // VOGIS Herald, 2008, v. 12, N 1-2, p. 24-31. [in Russian]

Klenova A.V., **Volodin I.A.**, Volodina E.V., Kashentseva T.A. The relations between individual, sexual, and kin-related differences in chirp calls of the red-crowned crane chick (*Grus japonensis*) // Zoologicheskii Zhurnal, 2008, v. 87, N 4, p. 458-465. [in Russian]

Klenova A.V., **Volodin I.A.**, Volodina E.V. Duet structure provides information about pair identity in the red-crowned crane (*Grus japonensis*) // Journal of Ethology, 2008, v. 26, N 3, p. 317-325.

Volodin I.A., Volodina E.V., Filatova O.A. The nonlinear phenomena promote high structural variability of whines in the domestic dog *Canis familiaris* (Carnivora, Canidae) // Bulletin of Moscow Society of Naturalists, Biological Series, 2007, v. 112, N 4, p. 11-17. [in Russian]

Klenova A.V., **Volodin I.A.**, Volodina E.V. The vocal development in the Red-crowned Crane *Grus japonensis* // Ornithological Science, 2007, v. 6, N 2, p. 107-119.

Frey R., **Volodin I.**, Volodina E. A nose that roars: anatomical specializations and behavioural features of rutting male saiga // Journal of Anatomy, 2007, v. 211, N 6, p. 717-736.

Matrosova V.A., **Volodin I.A.**, Volodina E.V., Babitsky A.F. Pups crying bass: vocal adaptation for avoidance of age-dependent predation risk in ground squirrels? // *Behav. Ecol. Sociobiol.*, 2007, v. 62, N 2, p. 181-191.

Matrosova V.A., **Volodin I.A.**, Volodina E.V. The diversity of calls produced by live-trapped speckled ground squirrels *Spermophilus suslicus* (Rodentia, Sciuridae). *Bulletin of Moscow Society of Naturalists, Biological Series*, 2006, v. 111, N 5, p. 84-87. [in Russian]

Volodina E.V., **Volodin I.A.**, Isaeva I.V., Unck C. Biphonation may function to enhance individual recognition in the dhole, *Cuon alpinus* // *Ethology*, 2006, v.112, p. 815-825.

Chulkina M.M., **Volodin I.A.**, Volodina E.V. Individual, intersexual, and interbreed variability of barks in dog *Canis familiaris* (Carnivora, Canidae) // *Zoologicheskii Zhurnal*, 2006, v. 85, N 4, p. 544-555. [in Russian]

Goltsman M., Kruchenkova E.P., Sergeev S., **Volodin I.**, Macdonald D.W. 'Island syndrome' in a population of Arctic foxes (*Alopex lagopus*) from Mednyi Island // *J. Zoology, Lond.*, 2005, v. 267, N 4, p. 405-418.

Volodin I.A., Volodina E.V., Filatova O.A. Structural peculiarities, occurrence and functional significance of nonlinear phenomena in calls of terrestrial mammals // *Zhurnal obschei biologii*, 2005, v. 66, N 4, p. 346-362. [in Russian]

Volodin I.A., Volodina E.V., Klenova A.V., Filatova O.A. Individual and sexual differences in the calls of the monomorphic White-faced Whistling Duck *Dendrocygna viduata* // *Acta Ornithologica*, 2005, v. 40, N 1, p. 43-52.

Volodin I.A. Individuality in the alarm call of the spotted suslik *Spermophilus suslicus* (Rodentia, Sciuridae) // *Zoologicheskii Zhurnal*, 2005, v. 84, N 2, p. 228-235. [in Russian]

Goltsman M.E., Kruchenkova E.P., Sergeev S.N., **Volodin I.A.** Polar fox of Mednyi Island (*Alopex lagopus semenovi*): Peculiarities of insular population ecology // *Zoologicheskii Zhurnal*, 2003, v. 82, N 4, p. 514-524. [in Russian]

Volodin I.A., Volodina E.V. Uninterrupted vocalization during the whole respiratory cycle in the striped possum *Dactylopsila trivirgata* (Marsupialia, Petauridae) // *Zoologicheskii Zhurnal*, 2002, v. 81, N 12, p. 1526-1529. [in Russian]

Volodin I.A., Volodina E.V. Biphonation as a prominent feature of the Dhole *Cuon alpinus* sounds // *Bioacoustics*, 2002, v. 13, N 2, p. 105-120.

Volodina E.V., **Volodin I.A.** Vocalizations as internal states indicators in mammals: A review // *Advances in Current Biology (Uspekhi sovremennoi biologii)*, 2001, v. 121, N 2, p. 180-189. [in Russian]

Volodin I.A., Volodina E.V., Isaeva I.V. Vocal repertoire in the Dhole *Cuon alpinus* (Carnivora, Canidae) in captivity // *Entomological Review*, v. 81, suppl. 2, 2001, p. S346-S361. Translated from *Zoologicheskii Zhurnal*, 2001, v. 80, N 10, p. 1252-1267.

Volodin I.A., Goltsman M.E. Acoustic activity displayed in the agonistic behavior of Great and Light gerbils // *Doklady Biological Sciences*, 2000, v. 371, p. 176-178. Translated from *Doklady Akademii Nauk*, 2000, v. 371, N 4, p. 553-555.

Volodin I.A., Goltsman M.E., Kalashnikova M.V. Dynamics of agonistic interaction between paired animals in three gerbil species // *Doklady Biological Sciences*, 1998, v. 363, p. 583-586. Translated from *Doklady Akademii Nauk*, 1998, v.363, N 4, p. 570-573.

Volodin I.A., Goltsman M.E. Characteristics of movement velocity of animals placed together in pairs in two allied species of jirds // *Doklady Biological Sciences*, 1998, v. 363, p. 574-578. Translated from *Doklady Akademii Nauk*, 1998, v.363, N 3, p. 425-428.

Goltsman M.E., **Volodin I.A.** Temporal pattern of agonistic interaction in two gerbil species (*Rhombomys opimus* and *Gerbillus perpallidus*) differing in resistance to social pressure // *Ethology*, 1997, v. 103, p. 1051-1059.

Volodin I.A., Goltsman M.E., Borisova N.G. Situational changes in vocalization of Great gerbils (*Rhombomys opimus* Licht.) during defensive behavior // Doklady Biological Sciences, 1994, v. 334, p. 65-68. Translated from Doklady Akademii Nauk, 1994, v. 334, N 4, p. 529-532.

Volodin I.A. Body weight of red-breasted geese in captivity: seasonal dynamics, air temperature, light regimes and social factors influences // Bulletin of Moscow Society of Naturalists, Biological Series, 1992, v. 97, N 6, p. 29-42. [in Russian]

Ilchenko O.G., **Volodin I.A.** Captures of *Selevinia betpakdalensis*, *Cardiocranius paradoxus* and *Sicista subtilis* in North Lake Balkhash Region // Bulletin of Moscow Society of Naturalists, Biological Series, 1992, v. 97, N 4, p. 28-30. [in Russian]

Volodin I.A. Ethogram of the red-breasted goose *Rufibrenta ruficollis* (Anserini, Anseriformes). 1. Movemental behaviour // Zoologicheskii Zhurnal, 1990, v. 69, N 9, p. 57-66. [in Russian]

Volodin I.A. Ethogram of the red-breasted goose *Rufibrenta ruficollis*. 2. Acoustic behaviour // Zoologicheskii Zhurnal, 1990, v. 69, N 10, p. 98-106. [in Russian]

Volodin I.A. Establishments and maintenance of social relations in captive red-breasted geese groups // Bulletin of Moscow Society of Naturalists, Biological Series, 1990, v. 95, N 3, p. 42-50. [in Russian]

Articles in other journals, proceedings articles and book chapters

Smirnova D.S., Demina T.S., Volodina E.V., **Volodin I.A.** The occurrence of different call types in different behavioural contexts in captive cheetahs (*Acinonyx jubatus*) // Scientific researches in Zoos, 2015, Iss. 31, p. 104-112. [in Russian]

Volodina E.V., **Volodin I.A.** Zoos, animals, people. Book review "Zoo animals: behaviour, management, welfare" // Scientific researches in Zoos, 2014, Iss. 30, p. 222-229. [in Russian]

Volodin I.A., Volodina E.V., Klenova A.V., Matrosova V.A. Sexing monomorphic birds by voice // Scientific researches in Zoos, 2014, Iss. 30, p. 21-62. [in Russian]

Sibiryakova O.V., **Volodin I.A.**, Volodina E.V. Age and individuality in nasal and oral calls of mother and calf Iberian red deer // Proceedings of VI World Congress of deer breeders, Ust Kamenogorsk, Kazakhstan, 2014, p. 4-8.

Volodina E.V., **Volodin I.A.**, Golosova O.S. The use of sound traps for longitudinal monitoring of stag vocal activity during the rut in Siberian red deer populations kept in Central Russia // Proceedings of VI World Congress of deer breeders, Ust Kamenogorsk, Kazakhstan, 2014, p.14-18.

Volodin I.A., Volodina E.V., Sibiryakova O.V. Evolution of calls in European and Asian red deer: from bass to soprano // Proceedings of VI World Congress of deer breeders, Ust Kamenogorsk, Kazakhstan, 2014, p. 8-14.

Volodin I.A., Volodina E.V., Frey R., Maymanakova I.L. Studying dynamics of roaring in a natural population of Siberian wapiti using sound traps // Rare and disappearing species of large mammals: strategy of studying and protection. Proceedings of the Russian scientific symposium. Novosibirsk, RAS press. 2013. p. 5-11. [in Russian]

Volodin I.A., Volodina E.V., Frey R., Maymanakova I.L. The use of sound traps for evaluating dynamics of rutting roaring in Siberian wapiti (*Cervus elaphus sibiricus*) in Khakasia // Protection biodiversity and game management in Russia. Proceedings of the 5th International Conference. Moscow, 2013, p. 243-246. [in Russian]

Volodin I.A., Volodina E.V. Applying bioacoustical approach for discriminating across subspecies of red deer and their hybrids in zoos // Scientific researches in Zoos, 2013, Iss. 29. p. 162-172. [in Russian]

Volodin I.A., Makarov I.S., Efremova K.O., Volodina E.V., Soldatova N.V. Application of software for automatic analysis of human speech to measuring the fundamental frequency in calls of a nonhuman mammal // Scientific researches in Zoos, 2012, Iss. 28, p. 94-102.

Efremova K., Lapshina E., **Volodin I.**, Soldatova N. Structural variation in calls of goitred gazelle calves (*Gazella subgutturosa*) and changes in their occurrence along ontogenesis // Actual problems of ecology and evolution. Proceedings of the Conference. Moscow, KMK, 2010, p. 108-113. [in Russian]

Soldatova N., Juldashv E., **Volodin I.**, Volodina E., Efremova K., Lapshina E. Keeping, raising and body mass dynamics of the goitred gazelle calves (*Gazella subgutturosa*) in captivity // Scientific researches in Zoos, 2010, Iss. 26, p. 64-71. [in Russian]

Klenova A.V., Wessling B., Volodina E.V., **Volodin I.A.** Between-population differences in duets of the red-crowned crane // Cranes of Eurasia (biology, distribution, migrations), Issue 3. Proceedings of the International Conference “Cranes of Palearctic: biology and conservation”. Moscow, 2008, p. 82-95.

Matrosova V.A., **Volodin I.A.**, Volodina E.V. Does kinship affect the alarm call structure in the yellow ground squirrel *Spermophilus fulvus*? // Lynx (Praha), n. s., 2008, v. 39, N 2, p. 295–303.

Volodin I.A., Volodina E.V., Matrosova V.A., Savinetskaya L.E., Shekarova O.N., Voytsik V.A. Population density does not affect the alarm call characteristics in the speckled ground squirrel *Spermophilus suslicus* // Lynx (Praha), n. s., 2008, v. 39, N 2, p. 333–342.

Volodin I.A., Volodina E.V. Methodical recommendations for study of the animal vocal behaviour // The guide for scientific researches in zoos. Moscow, 2008, p. 67-83. [in Russian]

Volodin I.A., Klenova A.V., Volodina E.V. Modelling bioacoustical monitoring through years with captive population of the red-breasted goose // Cazarca (Bulletin of Goose, Swan and Duck Study Group of Northern Eurasia), Moscow, 2008, Iss. 11, N 1, p. 22-46.

Volodin I.A., Volodina E.V. The vocal behaviour of the domestic dog: mechanisms, functions and evolution // Problems of the domestic dog studying (Ed. Schubkina A.V.), Moscow, 2006, p. 43-52. [in Russian]

Volodin I.A., Nagaylik M.M., Volodina E.V. Cues to orientation of a caller to a listener in biphonic and non-biphonic close range contact calls in the dhole (*Cuon alpinus*) // Advances in Bioacoustics 2, Dissertationes Classis IV: Historia Naturalis, Slovenian Academy of Sciences and Arts (Ljubljana), 2006, v. 47, N 3, p. 245-255.

Volodina E.V., **Volodin I.A.**, Filatova O.A. The occurrence of nonlinear vocal phenomena in frustration whines of the domestic dog (*Canis familiaris*) // Advances in Bioacoustics 2, Dissertationes Classis IV: Historia Naturalis, Slovenian Academy of Sciences and Arts (Ljubljana), 2006, v. 47, N 3, p. 257-270.

Kasirova T.A., **Volodin I.A.**, Volodina E.V., Kashentseva T.A., Beme I.R. The structure and occurrence of biphonic calls in chicks of the Siberian crane (*Grus leucogeranus*) // Ornithologia, 2005, v. 32, p. 97-104. [in Russian]

Klenova A.V., **Volodin I.A.**, Volodina E.V., Kashentseva T.A. Sexual differences in whistling calls under discomfort in Red-crowned crane chicks (*Grus japonensis*) // Ornithologia, 2005, v. 32, p. 105-111. [in Russian]

Volodin I.A., Volodina E.V., Matrosova V.A., Kholodova M.V. Bioacoustical sexing with playback-evoked loud whistles in the Cuban whistling duck *Dendrocygna arborea* // Scientific researches in Zoos, 2005, Iss. 18, p. 105-112. [in Russian]

Volodin I.A., Volodina E.V., Klenova A.V. Comparison of visual classification and discriminant function analysis as applied to calls of white-faced whistling ducks

(*Dendrocygna viduata*) // Casarca (Bulletin of Goose, Swan and Duck Study Group of Northern Eurasia), Moscow, 2004, Iss. 10, p. 107-118. [in Russian]

Klenova A.V., **Volodin I.A.**, Volodina E.V., Kholodova M.V., Nesterenko O.N.. Sexual and individual differences in calls of the Red-crowned crane (*Grus japonensis*) chicks. // Scientific researches in Zoos, 2004, Iss. 17, p. 103-118. [in Russian]

Volodina E.V., **Volodin I.A.**, Neprintseva E.S. The dhole in the wild and in captivity. // Scientific researches in Zoos, 2004, Iss. 17, p. 157-179. [in Russian]

Volodin I.A., Goltsman M.E. Strategies of aggressive fighting reflect degree of sociality in three species of gerbils // In: Rats, mice and people: Rodent biology and management (Singleton G.R., Hinds L.A., Krebs C.J., Spratt D.M., eds.), ACIAR Austr. Centre for Inter. Agric. Res., Canberra, 2003, p. 169-172.

Volodin I.A., Volodina E.V., Klenova A.V. Non-invasive sex recognition in the white-faced whistling duck // Int. Zoo News, 2003, v. 50, N 3, p. 160-167.

Volodin I.A., Volodina E.V., Klenova A.V. Undoubt sex estimation on loud whistles in the monomorphous white-faced whistling duck *Dendrocygna viduata* // Scientific researches in Zoos, 2003, Iss. 16, p. 90-100. [in Russian]

Volodina E.V., **Volodin I.A.** Modern contributions to Zoo biology // Scientific researches in Zoos, 2003, Iss. 16, p. 176-189. [in Russian]

Volodina E.V., **Volodin I.A.** Vocal repertoire and individual variability in calls of the fulvous whistling duck (*Dendrocygna bicolor*) // Casarca (Bulletin of Goose, Swan and Duck Study Group of Northern Eurasia), 2003, Iss. 9, p. 67-77. [in Russian]

Vabishevich A.P., Voschanova I.P., **Volodin I.A.** Influence of visitors on time budget in the dhole // Scientific researches in Zoos, 2002, Iss. 14, p. 90-94. [in Russian]

Volodin I.A., Volodina E.V. The problem of adaptation to new climate conditions for breeding the red-breasted goose (*Rufibrenta ruficollis*) in captivity // Casarca (Bulletin of Goose, Swan and Duck Study Group of Northern Eurasia), 2001, Iss. 7, p. 297-306. [in Russian]

Tkacheva E.Y., **Volodin I.A.**, Maksudov G.Yu. 3rd International Symposium on Physiology and Ethology of Wild and Zoo Animals. Berlin, Germany, 4-7 October 2000. // Scientific researches in Zoos, 2000, Iss. 13, p. 220-229. [in Russian]

Volodina E.V., **Volodin I.A.** Bioacoustic in Zoos: a review of applications and perspectives // International Zoo News, 1999, v. 46, N 4, p. 208-213.

Volodin I.A., Popov S.V., Ilchenko O.G. Factors influencing the breeding success in captivity of five gerbil species // Scientific researches in Zoos, 1998, Iss. 10, p. 130-142. [in Russian]

Volodin I.A. Changes in a breeding behaviour of Light gerbils in captivity // Scientific researches in Zoos, 1998, Iss. 10, p. 257-261. [in Russian]

Volodina E.V., **Volodin I.A.** The apply of data pooling procedure for the captive cheetah sounds analysis. // Scientific researches in Zoos, 1998, Iss. 10, p. 262-264. [in Russian]

Volodin I.A., Volodina E.V. Stress, coping and welfare in captive animals // Scientific researches in Zoos", 1997, Iss. 9, p. 56-94. [in Russian]

Volodin I.A., Volodina E.V. How to study animal vocal behaviour in Zoos: practical recommendations // Scientific researches in Zoos, 1997, Iss. 9, p. 28-55. [in Russian]

Volodin I.A., Ilchenko O.G., Popov S.V. The gerbils: Management and demography of different species in captivity. Moscow, Moscow Zoo Press, 1996, 233 p. [in Russian]

Volodin I.A., Ilchenko O.G. Breeding success of different gerbil species in captivity in dependence from the pair formation season // Scientific researches in Zoos, 1996, Iss. 6, p. 87-96. [in Russian]

Volodina E.V., **Volodin I.A.** Vocalizations associated with reproductive behaviour in rare Felidae species // Scientific researches in Zoos, 1996, Iss. 6, p. 142-184. [in Russian]

Volodina E.V., **Volodin I.A.** Bioacoustic researches in Zoos - possibilities and perspectives // Scientific researches in Zoos, 1995, Iss. 5, p. 222-246. [in Russian]

Vakhrusheva G., **Volodin I.**, Ilchenko O., Pavlova E. Keeping and breeding jerboas at Moscow Zoo // International Zoo News, 1994, v. 41, N 256, p. 20-28.

Volodin I.A., Matviyevskaya N.V. Effects of different factors on values of behavioural synchronization in Light gerbil groups // Scientific researches in Zoos, 1994, Iss. 4, p. 47-55. [in Russian]

Matviyevskaya N.V., **Volodin I.A.** The variability of activity budgets in captive Light Gerbils (*Gerbillus perpallidus*) // Scientific researches in Zoos, 1994, Iss. 4, p. 56-60. [in Russian]

Volodin I.A. Factors influencing on captive breeding of red-breasted geese // Scientific researches in Zoos, 1991, Iss. 1, p. 87-98. [in Russian]

Volodin I.A., Smetanin I.S. Defensive behaviour and vocalizations of Andean condor (*Vultur gryphus*) in captivity // Scientific researches in Zoos, 1991, Iss. 1, p. 98-119. [in Russian]

Volodin I.A. Synchronization of acoustical activity in red-breasted geese (*Branta ruficollis*) groups // Scientific researches in Zoos, 1991, Iss. 1, p. 51-55. [in Russian]

Volodin I.A., Latipova A. Feeder use and social interactions of waterfowl in captive interspecies groups // Scientific researches in Zoos, 1991, Iss. 1, p. 55-61. [in Russian]

Pavlova E.Y., Vakhrusheva G.V., Ilchenko O.G., **Volodin I.A.** A case report of trick-tailed three-toed jerboa (*Stylodipus telum*) breeding in Moscow Zoo // Scientific researches in Zoos, 1991, Iss. 1, p. 68-70. [in Russian]

Rozdina O.I., Sotnikova E.I., **Volodin I.A.** Management and breeding of cranes in Moscow Zoo // Cranes of Palearctic. Biology, morphology, distribution, Vladivostok, 1988, p. 84-87. [in Russian]

Conference contributions

2016: Russian Scientific Conference "Current problems of current animal zoology and ecology" (Penza, Russia).

2016: 22nd International Congress of Zoology (Okinawa, Japan).

2016: 6th European Ground Squirrel meeting (Belgrade, Serbia).

2016: 15th International Conference on Rodent Biology (Olomouc, Czech Republic).

2016: 8th European Conference of Behavioural Biology (Vienna, Austria).

2016: International Conference "Theriofauna of Russia and adjacent areas" (Moscow, Russia).

2015: Russian scientific conference «Species structure in mammals» (Moscow, Russia).

2015: 10th International Conference on Behaviour, Physiology and Genetics of Wildlife (Berlin, Germany).

2015: XXV International Bioacoustic Conference IBAC 2015 (Murnau, Germany).

2014: 5th European ground squirrel meeting (Rust, Austria).

2014: 8th International Deer Biology Congress and International Wildlife Management Symposium (Harbin, China).

2014: VI International Congress of deer-farmers (Ust-Kamenogorsk, Kazakhstan).

2014: 3rd International Conference "Behaviour and behavioural ecology of mammals" (Tchernogolovka, Russia).

2013: VI Russian Conference "Physiology of hearing and speech" (Sankt-Petersburg, Russia).

2013: 9th International Conference on Behaviour, Physiology and Genetics of Wildlife (Berlin, Germany).

2013: XXIV International Bioacoustics Congress (Pirenopolis, Brazil).

2013: Russian Symposium «Rare and disappearing species of large mammals: strategy of studying and protection» (Abakan, Russia).

2013: UFAW International Animal Welfare Science Symposium "Science in the Service of Animal Welfare: Priorities around the world" (Barcelona, Spain).

2013: Scientific and applied conference «Russian hunting world» (Rostov-on-Don, Russia).

2013: 5th International Conference «Protection biodiversity and game management in Russia» (Moscow, Russia).

2012: V Russian Conference on Animal Behaviour (Moscow, Russia).

2012: IV European Ground Squirrel Meeting (Poland, Kamien Slaski).

2012: VIth European Conference on Behavioural Biology (Essen, Germany).

2012: International Conference "Current problems of nature, game and fur farm management" (Kirov, Russia).

2011: Russian Conference "Distant research methods in zoology" (Moscow, Russia).

2011: XXIII Meeting of the International Bioacoustics Council (La Rochelle, France).

2011: International Conference "Theriofauna of Russia and adjacent areas" (Moscow, Russia).

2010: 3rd European Ground Squirrel Meeting (Turkey, Ordu).

2010: Russian Conference "Actual problems of ecology and evolution" (Moscow, Russia).

2009: 2nd International Conference "Behaviour and behavioural ecology of mammals" (Tchernogolovka, Russia).

2009: 7th International Conference on Behaviour, Physiology and Genetics of Wildlife (Berlin, Germany).

2009: XXII International Bioacoustics Council Conference (Lisbon, Portugal).

2008: 2nd European Ground Squirrel Meeting (Svaty Jan pod Skalou, Czech Republic).

2007: IV Russian Conference on Animal Behaviour (Moscow, Russia).

2007: 6th International Zoo and Wildlife Research Conference on Behaviour, Physiology and Genetics (Berlin, Germany).

2007: XXI IBAC (International BioAcoustical Council) International Congress (Pavia, Italy).

2007: International Conference "Current evolutionary thinking in biology, medicine and sociology" (Novosibirsk, Russia).

2007: International Conference "Theriofauna of Russia and adjacent areas" (Moscow, Russia).

2006: 1st European Ground Squirrel Meeting (Hungary, Felsőtárkány).

2006: Russian Conference "Problems of domestic dog research" (Moscow, Russia).

2005: Russian Conference "Eurasian Ground squirrels (genera Spermophilus, Spermophilopsis): origin, taxonomy, ecology, behavior, biodiversity conservation" (Moscow, Russia).

2005: 3rd International Symposium "Waterfowl of Northern Eurasia" (Sanct-Petersburg, Russia).

2005: International Conference "Behaviour and behavioural ecology of mammals" (Tchernogolovka, Russia).

2005: XX IBAC (International BioAcoustical Council) Congress (Portorose, Slovenia).

2004: 2nd Russian Conference "Zooculture and Biological Resources" (Moscow, Russia).

2004: 5th International Symposium on Physiology, Ethology and Conservation of Wild and Zoo Animals (Berlin, Germany).

2004: International meeting “Mammals as a component of arid ecosystems (resources, fauna, ecology, importance for medicine and conservation)” (Saratov, Russia).

2003: VII Congress of Russian Theriological Society (Moscow, Russia), the member of Organizing Committee.

2002: 4th International Symposium on Physiology and Ethology of Wild and Zoo Animals (Berlin, Germany).

2002: 1st European Conference on Behavioural Biology (Muenster, Germany).

2002: 2nd Moscow City Conference “Animals in the City” (Moscow, Russia).

2001: International Conference “Studying and conservation of Anseriformes in Eastern Europe and North Asia” (Moscow, Russia).

2000: 3rd International Symposium on Physiology and Ethology of Wild and Zoo Animals (Berlin, Germany).

2000: Moscow City Conference “Animals in a City” (Moscow, Russia).

1999: VI Congress of Russian Theriological Society (Moscow, Russia).

1995: International Conference “Actual State of Theriofauna in Russia and Neighbouring Countries” (Moscow, Russia).

1995: 5th International Conference “Rodens & Spatium” (Rabat, Morocco).

1989: International Conference, dedicated to the 125th Anniversary of the Moscow Zoo “Achievements of Zoos in Breeding Rare and Endangered Species of Animals” (Moscow, Russia).

1988: The All-Union Conference “Communication mechanisms for regulation of population structure in mammals” (Moscow, Russia).

Popular web-pages and papers

Volodin I.A., Volodina E.V. Animal Sound Gallery: Sound and video files of calling animals. http://www.bioacoustica.org/gallery/gallery_eng.html

Volodin I.A., Volodina E.V. Many deer, good... but different! // Popular scientific papers, winners of 2013 RFBR award. Iss. 17. Moscow, Molnet, 2014, p. 138-145. [in Russian]

Volodina E.V., **Volodin I.A.**, Frey R. Wild monkeys, stick-bird and the guile of cashew nuts // Science&Life, 2014, <http://www.nkj.ru/open/24727/> [in Russian]

Volodin I., Volodina E. Maral – sanfter Riese // PIRSCH, 2014, N 5, p. 28-31. [in German]

Volodin I.A., Volodina E.V. Marals from Kostroma region // Oxota – national game magazine, 2013, № 10, p. 14-18. [in Russian]

Volodin I.A., Volodina E.V. Visiting marals // Science&Life, 2013, № 10, p. 140-145. [in Russian]

Volodin I.A., Volodina E.V. Distinguishing subspecies and hybrids of red deer by voice // Oxota – national game magazine, 2013, № 8, p. 11-15. [in Russian]

Volodin I., Volodina E. La bioacústica, más potente que la genética. Detección de híbridos en ciervos // Caza y safaris, 2013, año 32, N 343, p. 20-25. [in Spanish]

Volodin I., Volodina E. Rotwildforschung mit dem mikrofon. Volkslieder // PIRSCH, 2013, N 18, p. 28-33. [in German]

Volodin I., Volodina E. Vocala genetica // MMD, 2013, N 11, P. 33-38. [in Latvian]

Volodin I.A., Volodina E.V., Aviles E., Frey R., Landete-Castillejos T. Spanish deer and Spanish singer // Priroda, 2013, № 4, p. 20-26. [in Russian]

- Volodina E.V., **Volodin I.A.**, Frey R., Maymanakova I. To singing hares // Science&Life, 2013, № 2, p. 76-80. [in Russian]
- Volodin I.A.**, Volodina E.V. To deer in Spanish, scientifically // Oxota – national game magazine, 2012, № 8. p. 24-27. [in Russian]
- Volodin I.A.**, Ilchenko O.G., Volodina E.V., Zaytseva A.S., Chebotareva A.L. The shrew drummer // Priroda, 2012, № 7, p. 50-56. [in Russian]
- Volodin I.A.**, Volodina E.V., Frey R. Roaring in tugai forests // Science&Life, 2012, № 7, p. 68-72. [in Russian]
- Volodin I.A.**, Volodina E.V., Frey R., Soldatova N.V., Juldashev E.T. Gazella and Adam's apple // Priroda, 2012, № 4, c. 44-53. [in Russian]
- Volodina E.V., **Volodin I.A.** Deer of La Mancha // Science&Life, 2011, № 12, p 40-43.
- Volodin I.A.**, Volodina E.V. Gazella and Adam's apple // Popular scientific papers, winners of 2011 RFBR award. Iss. 15. Moscow, Molnet, 2011, p. 111-120.
- Volodina E.V., **Volodin I.A.** Desert dwarfs // Science&Life, 2010, № 12, p 72-74.
- Volodina E.V., **Volodin I.A.** Chortaj windhounds are dogs of desert // Russian dog fancy magazine Droug, 2009, № 10, p. 54-61. [in Russian]
- Volodina E.V., Matrosova V.A., **Volodin I.A.** Spectrum of duck whistle // Science&Life, 2009, № 11, p. 35-37. [in Russian]
- Volodin I.A.**, Volodina E.V., Matrosova V.A. Vocal mimicry in ground squirrels // Popular scientific papers, winners of 2007 RFBR award (Ed. V.I. Konov). Moscow, Oktopus-Priroda, 2008, p. 151-157. [in Russian]
- Gogoleva S.S., Volodina E.V., **Volodin I.A.**, Kharlamova A.V., Trut L.N. And if you could sing, or maybe bark... // Science&Life, 2008, № 9, p. 58-62. [in Russian]
- Volodina E.V., **Volodin I.A.** Duels and serenades in the animal kingdom: fighting with noses and voices // Priroda, 2008, № 8, p. 17-22. [in Russian]
- Matrosova V.A., Volodina E.V., **Volodin I.A.** Pups crying bass // Science&Life, 2008, № 1, p. 43-45. [in Russian]
- Volodin I.A.**, Volodina E.V. Approaches to animal keeping in Budapest Zoo // Scientific researches in Zoos, 2007, Iss. 22, p. 138-142. [in Russian]
- Volodina E.V., **Volodin I.A.**, Kashentseva T.A. One voice - good, two voices - better // Science&Life, 2007, № 9, c. 72-74. [in Russian]
- Volodin I.A.**, Volodina E.V., Klenova A.V. The voice breaking is not unique human // Priroda, 2007, № 2, p. 23-29. [in Russian]
- Volodina E.V., **Volodin I.A.** Caprices of red-breasted geese // Science&Life, 2007, № 2, p. 141-145. [in Russian]
- Volodin I.A.**, Volodina E.V. Charm of vocal nonlinearities. About dog whines, Vladimir Visotsky voice and guttural Altai singing // Priroda, 2006, № 2, p. 26-32. [in Russian]
- Chylkina M., **Volodin I.**, Volodina E. Bark – my visiting card // Science&Life, 2005, № 12, p. 46-48. [in Russian]
- Volodina E.V., **Volodin I.A.**, Klenova A.V. Bird sex determination by voice // Bird world, Information Bulletin RBCU, 2005, N 1 (31), p. 21-23. [in Russian]
- Volodin I.A.**, Volodina E.V., Filatova O.A. Rich reserve of dogs oratory // Science&Life, 2002, № 12, p. 116-117. [in Russian]
- Volodin I.A.** Sounding dogs // Russian dog fancy magazine Droug, 2002, № 11, p. 22-24. [in Russian]

Mass-media about us

Evseev A. Scientists created traps for elusive animals // Pravda.ru (06.08.2013)

Munoz M.A. Investigadores rusos visitan la Granja de Ciervos de Albacete // La Verdad (14.09.2010).

Munoz M.A. Investigadores rusos visitan la Granja de Ciervos de la UCLM // El Dia (6.09.2010).

Markina N. Moscow biologists decoded the language, common for humans and animals. // Informational portal "Infox-Interactive", 2009. http://www.infox.ru/science/animal/2009/07/15/zvuki_emotion.phtml

Tarasevich G., Chukina E. Common sound. // Russian reporter, 2009, № 26, <http://www.rusrep.ru/2009/26/zvuki/>

Tarasevich S. Common language. // Profile, 2009, № 33, http://www.profil-ua.com/index.phtml?action=view&art_id=1485

Patrusheva E. Good owner always knows about what his dog barks // Russian dog fancy magazine Droug, 2006, № 10, p. 58-60 and № 11, p. 54-56.

Maximov N., Ljvova N. Silence of wolf-cubs // Paradox, 2003, № 10, p. 62-66.

Gordon A. TV program «Bioacoustics» // NTV-channel, 2003.

Student supervision

PhD supervision

2013-current: Sibiryakova O.V. Vocal interactions between mother and young in ungulates.

2012-current: Zaytseva A.S. Vocal behaviour of small mammals: effects of age and context.

2010-2015: Efremova K.O. Изменение звуков и структур вокального аппарата в онтогенезе джейрана (*Gazella subgutturosa*).

2007-2010: Gogoleva S.S. Effects of experimental domestication on vocal behaviour in silver fox (*Vulpes vulpes*).

2006-2009: Matrosova V.A. Within-species variability of vocal behaviour in speckled (*Spermophilus suslicus*) and yellow (*S. fulvus*) ground squirrels.

2005-2008: Klenova A.V. Vocal indicators of individuality and sex in monomorphic birds.

Diploma, Masters and Bachelor supervision

2016: Golosova O.S. Structural traits of calls of the Siberian wapiti *Cervus elaphus sibiricus* in rut period (Bachelor)

2015: Smirnova D.S. Traits of sex and individual identity in calls, produced by cheetahs (*Acinonyx jubatus*) in captivity (Masters)

2013: Sibiryakova O.V. Acoustic variation of nasal and oral contact calls in mother and calf ungulates (Masters)

2012: Zaytseva A.S. The postnatal ontogeny of vocal behaviour and morphological traits of the piebald shrew (*Diplomesodon pulchellum*) (Masters)

2011: Lapshina E.N. Effects of age on individual- and sex-related features in nasal calls of juvenile goitred gazelles (*Gazella subgutturosa*).

2010: Kvasha I.G. Relationships of seasonal changes in behaviour of Amur cat (*Prionailurus bengalensis euptilura*) with hormonal background.

2010: Efremova K.O. Changes in the occurrence and structural characteristics of calls in juvenile goitred gazelles (*Gazella subgutturosa*) along ontogenesis.

2008: Van Nin A. Acoustic behaviour of semi-captive juvenile wolves (*Canis lupus lupus* L., 1758).

- 2007: Gogoleva S.S. The features of emotional arousal in calls of the red foxes (*Vulpes vulpes*), differing in the tolerance to humans.
- 2006: Matrosova V.A. Sustainability of individual features in the alarm call of the speckled ground squirrel (*Spermophilus suslicus*).
- 2005: Klenova A.V. The ontogenesis of vocal repertoire; individual, intersexual and kinship differences in calls of the Red-Crowned crane *Grus japonensis* chicks.
- 2004: Stepanov I.S. The dynamics of population numbers and their regulation mechanisms in laboratory groups of four gerbil species.
- 2004: Kasirova T.A. The early ontogenesis, individual and intersexual differences in anxiety calls of the Siberian crane chicks (*Grus leucogeranus*).
- 2004: Chulkina M.M. The individual, intersexual and interbreed variability in barks of two windhound breeds.
- 2003: Voinilovich M.V. The reflection of discomfort in the structure of defensive calls in the Pallid gerbil (*Gerbillus perpallidus*).
- 2001: Podobedova T.U. The behaviour of polar foxes *Alopex lagopus semenovi* on South-East rookery of Medniy island.
- 2001: Isaeva I.V. Individual variability in call structures in the dhole, *Cuon alpinus*.
- 1997: Kalashnikova M.V. Interspecies differences of fighting strategies in three species of gerbils.
- 1996: Matviyevskaya N.V. Social behaviour of great gerbil *Gerbillus perpallidus* Setzer in captivity.
- 1995: Malutin A.S. The structure of spatial relations during pairing of gerbils.

Grants and awards

- 2015-present: Project leader: Russian Foundation for Basic Research 15-04-06241a "Evolution of communicative behaviour on example of rutting vocal displays of ungulates".
- 2014- present: Project leader: Russian Science Foundation 14-14-00237 "Indicators of discomfort in audible and ultrasonic vocal signals of mammals and birds".
- 2012-2014: Project leader: Russian Foundation for Basic Research 12-04-00260a "Structural features and functional significance of intra-specific variation in animal vocal behaviour".
- 2009-2011: Project leader: Russian Foundation for Basic Research 09-04-00416a "The role of vocal variability in animal communication". Total financing 1250000 rubles.
- 2009: Award for winners of competition for support of talented students, PhD students and scientists of Lomonosov Moscow State University. Total award - 100000 rubles.
- 2007: Award for winners of competition for support of talented students, PhD students and scientists of Lomonosov Moscow State University. Total award - 150000 rubles.
- 2006-2008: Project leader: Russian Foundation for Basic Research 06-04-48400a "The development and stability maintenance of individual features in vocalizations of birds and mammals". Total financing 900000 rubles.
- 2003-2005: Project leader: Russian Foundation for Basic Research 03-04-48919a "Occurrence and communicative role of biphonations, subharmonics and laryngeal noise in mammalian calls". Total financing 500000 rubles.

Professional society memberships

- Moscow Society of Naturalists.
 Russian Theriological Society.
 Goose, Swan and Duck Study Group of Northern Eurasia.
 International Bioacoustics Council

Reviewer

Animal Behavioral
Animal Biology
Animal Cognition
Behavioral Ecology
Behavioural Processes
Bioacoustics
Biology Letters
Bird Conservation International
Current Zoology
Ethology
Journal of Agricultural Science and Technology
Journal of Comparative Zoology
Journal of Mammalogy
Mammalian Biology
Mammal Review
Naturwissenschaften
PLOS One
Bulletin of Moscow Society of Naturalists, Biological Series
Zhurnal obschei biologii
Zoologicheskii Zhurnal
Cazarca (Bulletin of Goose, Swan and Duck Study Group of Northern Eurasia)
Advances in Psychology
Ornithologia
Uspekhi Current Biology

Last edited
04.03.2017