

Ime i prezime	Datum	Naslov
		A novel pathway of nutrient absorption in crustaceans: branchial amino acid uptake in the green shore crab (<i>Carcinus maenas</i>) (2017)
		A physiological perspective on fisheries-induced evolution (2018)
		A platform for rapid exploration of aging and diseases in a naturally short-lived vertebrate (2015)
		A simulated heat wave has diverse effects on immune function and oxidative physiology in the corn snake (<i>Pantherophis guttatus</i>) (2017)
		A snapshot-based mechanism for celestial orientation (2016)
Marina Mihaljević	10.01.2019.	Accumulation of lactate by frozen Painted turtles (<i>Chrysemys picta</i>) and its relationship to freeze tolerance (2004)
Marija Piknjač	29.11.2018.	Adaptations to deep and prolonged diving in phocid seals (2018)
		Additive genetic variance and effects of inbreeding, sex and age on heterophil to lymphocyte ratio in song sparrows (2015)
Dario Starić	08.11.2018.	Aerodynamics of the flying snake <i>Chrysopelea paradisi</i> - how a bluff body cross-sectional shape contributes to gliding performance? (2014)
		Ambush or active life: foraging mode influences haematocrit levels in snakes (2014)
Dorothea Pali	08.11.2018.	Amelanism in the corn snake is associated with the insertion of an LTR-retrotransposon in the <i>OCA2</i> gene (2015)
		Anosmia impairs homing orientation but not foraging behaviour in free-ranging shearwaters (2017)
		Antarctic notothenoid fish: What are the future consequences of „losses“ and „gains“ acquired during long-term evolution at cold and stable temperatures? (2015)
		Antioxidant enzyme activities vary with predation risk and environmental conditions in free-living passerine birds (2018)
		Aquatic adaptations in the nose of carnivorans: evidence from the turbinates (2011)
Barbara Vuić	13.12.2018.	Arctic ground squirrels limit bone loss during the prolonged physical inactivity associated with hibernation (2015)
Josip Primorac	13.12.2018.	Are invasive species stressful? The glucocorticoid profile of native lizards exposed to invasive fire ants depends on the context (2017)
		Bat biology, genomes, and the Bat1K project: To generate chromosome-level genomes for all living bat species (2018)
		Beetle exoskeleton may facilitate body heat acting differentially across the electromagnetic spectrum (2017)
		Behavioral responses to immune-system activation in an anuran (the Cane Toad, <i>Bufo marinus</i>): Field and laboratory studies (2011)
		Biomechanics of hover performance in neotropical hummingbirds versus bats (2018)
		Body shrinkage due to arctic warming reduces red knot (<i>Calidris canutus canutus</i>) fitness in tropical wintering range (2016)
		Body size and immune defense of nestling blue tits (<i>Cyanistes caeruleus</i>) in response to manipulation of ectoparasites and food supply (2011)
Renato Katić	13.12.2018.	Breath-hold diving (2018)
		Classifying the evolutionary and ecological features of neoplasms (2017)
		Comparative ecophysiology of cold-tolerance-related traits: assessing range expansion potential for an invasive insect at high latitude (2015)
Andrea Babić	08.11.2018.	Comparative genetics of longevity and cancer: insights from long-lived rodents (2014)
Anja Bošnjaković	13.12.2018.	Comparative visual ecology of cephalopods from different habitats (2016)
		Complex interplay of body condition, life history, and prevailing environment shapes immune defenses of garter snakes in the wild (2013)
		Computational methods of studying the binding of toxins from venomous animals to biological ion channels: Theory and applications (2013)
		Cool gleaners: thermoregulation in sympatric bat species (2013)
		Crawling without wiggling: Muscular mechanisms and kinematics of rectilinear locomotion in boa constrictors (2018)
		Decades of field data reveal that turtles senesce in the wild (2016)
		Development of endothermy in birds: patterns and mechanisms (2017)
		Developmental thermal plasticity of prey modifies the impact of predation (2015)
		Diel rhythms and sex differences in the locomotor activity of hawkmoths (2017)
		Dietary sequestration of defensive steroids in nuchal glands of the Asian snake <i>Rhabdophis tigrinus</i> (2007)
		Digesting pythons quickly oxidize the proteins and save the lipids for later (2015)
		Disease ecology meets ecological immunology: understanding the links between organismal immunity and infection dynamics in natural populations (2011)

		Diurnality as an energy-saving strategy: energetic consequences of temporal niche switching in small mammals (2015)
		Dynamic digestive physiology of a female reproductive organ in a polyandrous butterfly (2015)
		Early-life stress has sex-specific effects on immune function in adult song sparrows (2015)
		Ecological, physiological, and morphological correlates of blood hemoglobin concentration in a migratory shorebird (2014)
		Effects of flight activity and age on oxidative damage in the honey bee, <i>Apis mellifera</i> (2018)
		Effects of ocean acidification and salinity variations on the physiology of osmoregulating and osmoconforming crustaceans (2018)
		Electric eels concentrate their electric field to induce involuntary fatigue in struggling prey (2015)
		Electrocyte physiology: 50 years later (2013)
		Energetics of arousal episodes in hibernating arctic ground squirrels (2009)
		Energetics of lizard embryos at fluctuating temperatures (2010)
		Environmental and biological context modulates the physiological stress response of bats to human disturbance (2018)
		Evidence for geomagnetic imprinting and magnetic navigation in natal homing for sea turtles (2015)
		Evolution of herbivory in a carnivorous clade of minnows (Teleostei: Cyprinidae): effects on gut size and digestive physiology (2010)
		Evolution of sex-specific pace-of-life syndromes: genetic architecture and physiological mechanisms (2018)
		Experiments on the feeding behavior of the hematophagous candiru, <i>Vandellia cf. plazaii</i> (2001)
		Exploring the role of physiology and biotic interactions in determining elevational ranges of tropical animals (2013)
		Faster development covaries with higher DNA damage in grasshoppers (<i>Chorthippus albomarginatus</i>) from Chernobyl (2018)
		Fear is the mother of invention: anuran embryos exposed to predator cues alter life-history traits, post-hatching behaviour and neuronal activity patterns (2015)
		Fish locomotion: Recent advances and new directions (2015)
		Flexible navigation response in common cuckoos <i>Cuculus canorus</i> displaced experimentally during migration (2015)
		Flight mode affects allometry of migration range in birds (2016)
		Foam nests provide context-dependent thermal insulation to embryos of three leptodactylid frogs (2015)
		Freezing behaviour facilitates bioelectric crypsis in cuttlefish faced with predation risk (2015)
		GABAergic anxiolytic drug in water increases migration behaviour in salmon (2016)
		Genetic control of mosquitoes (2014)
Sabina Ranogajec	13.12.2018.	Going to bat(s) for studies in disease tolerance (2018)
		Growth and stress response mechanisms underlying post-feeding regenerative organ growth in the Burmese python (2017)
		Habitat-specific divergence of air conditioning structures in bird bills (2017)
		Hawkmoths produce anti-bat ultrasound (2013)
Tea Hutten	17.01.2019.	Heat exchange from the toucan bill reveals a controllable vascular thermal radiator (2009)
		How do tiger moth jam bat sonar? (2011)
		How locusts breathe (2013)
		How lovebirds manoeuvre rapidly using super-fast head saccades and image feature stabilization (2015)
		How seabirds plunge-dive without injuries (2016)
Srećko Bovan	08.11.2018.	Hummingbirds control hovering flight by stabilizing visual motion (2014)
		Hydrodynamic detection and localization of artificial flatfish breathing currents by harbour seals (<i>Phoca vitulina</i>) (2017)
Denis Drmić	10.01.2019.	Impacts of artificial light at night on biological timings (2017)
		Impacts of short-term food restriction on immune development in altricial house sparrow nestlings (2015)
		Incubation temperature influences trade-off between structural size and energy reserves in mallard hatchlings (2015)
		In-flight turbulence benefits soaring birds (2016)

		Insect gut physiology and nutrition: insights into diverse systems (2010)
		Integrated postprandial responses of the diamondback water snake, <i>Nerodia rhombifer</i> (2010)
		Integrating life history and physiology to understand latitudinal size variation in a damselfly (2008)
		Is aquatic life correlated with an increased hematocrit in snakes? (2011)
		Kinematics and aerodynamics of avian upstrokes during slow flight (2015)
		Late bloomers and baby boomers: ecological drivers of longevity in squamates and the tuatara (2014)
		Life on the edge: A comparative study of ecophysiological adaptations of frogs to tropical semiarid environments (2018)
		Linking rising pCO ₂ and temperature to the larval development and physiology of the American lobster (<i>Homarus americanus</i>) (2016)
		Locomotor benefits of being a slender and slick sand swimmer (2015)
		Making olympic lizards: the effects of specialised exercise training on performance (2015)
		Managing anabolic steroids in pre-hibernating Arctic ground squirrels: obtaining their benefits and avoiding their costs (2014)
		Manta rays feed using ricochet separation, a novel nonclogging filtration mechanism (2018)
		Maternal effects of carotenoid consumption in guppies (<i>Poecilia reticulata</i>) (2008)
		Maternal thermal environment induces plastic responses in the reproductive life history of oviparous lizards (2014)
		Mechanical responses of rat vibrissae to airflow (2016)
		Metabolism, gas exchange, and acid-base balance of giant salamanders (2012)
		Modulation of orthogonal body waves enables high maneuverability in sidewinding locomotion (2015)
		Morphological characteristics of blood cells in monitor lizards: is erythrocyte size linked to actual body size? (2013)
		Muscle biochemistry of a pelagic delphinid (<i>Stenella longirostris longirostris</i>): insight into fishery-induced separation of mothers and calves (2017)
Ana Tomašić	10.01.2019.	Nature's fat-burning machine: brown adipose tissue in a hibernating mammal (2018)
		Neurobiology of monarch butterfly migration (2015)
		Nuisance arthropods, nonhost odors, and vertebrate chemical aposematism (2010)
		Obese super athletes: fat-fueled migration in birds and bats (2018)
		Off-host physiological ecology of ixodid ticks (1991)
		Omega-3 long-chain polyunsaturated fatty acids support aerial insectivore performance more than food quantity (2016)
		Ontogeny and paleophysiology of the gill: new insights from larval and air-breathing fish (2012)
		Oxidative profile varies with personality in European greenfinches (2011)
		Passive water collection with the integument: mechanisms and their biomimetic potential (2018)
		Performance, personality and energetics: correlation, causation and mechanism (2012)
Almos Boroš	17.01.2019.	Physiological and genetic adaptations to diving in sea nomads (2018)
		Physiological constraints and latitudinal breeding season in the Canidae (2007)
		Physiological correlates of multiple parasitic infections in side-blotched lizards (2017)
		Physiological niche and geographical range in European diving beetles (Coleoptera: Dytiscidae) (2014)
		Physiological strategies during animal diapause: lessons from brine shrimp and annual killifish (2015)
		Poor flight performance in deep-diving cormorants (2011)
		Power transfer to a human during an electric eel's shocking leap (2017)
		Primate resting postures: Constraints by foregut fermentation? (2017)
		Prioritizing blood flow: cardiovascular performance in response to the competing demands of locomotion and digestion for the Burmese python <i>Python morulus</i> (2010)
		Proteomic analysis of cardiac response of thermal acclimation in the eurythermal goby fish <i>Gillichthys mirabilis</i> (2015)
		Pulmonary ventilation-perfusion mismatch: a novel hypothesis for how diving vertebrates may avoid the bends (2018)
		Reexamining echidna physiology: the big picture for <i>Tachyglossus aculeatus acanthion</i> (2016)
		Remote navigation of turtle by controlling instinct behavior via human brain-

		computer interface (2016)
		Responses of migratory species and their pathogens to supplemental feeding (2018)
Lucija Pecko	15.11.2018.	Reptile freeze tolerance: metabolism and gene expression (2005)
		Reviewing the effects of food provisioning on wildlife immunity (2018)
		RNA from trained <i>Aplysia</i> can produce an epigenetic engram for long-term sensitization in untrained <i>Aplysia</i> (2018)
		Root effect haemoglobins in fish may greatly enhance general oxygen delivery relative to other vertebrates (2015)
Lea Vodjerek	29.11.2018.	Savanna elephants maintain homeothermy under african heat (2018)
		Seahorse brood pouch transcriptome reveals common genes associated with vertebrate pregnancy (2015)
		Seasonal patterns and relationships among coccidial infestations, measures of oxidative physiology, and immune function in free-living house sparrows over an annual cycle (2015)
		Selection for brain size impairs innate, but not adaptive immune responses (2016)
		Separation of different pollen types by chemotactile sensing in <i>Bombus terrestris</i> (2017)
		Simultaneously occurring elevated metabolic states expose constraints in maximal levels of oxygen consumption in the oviparous snake <i>Lamprophis fuliginosus</i> (2017)
		Social immunity: emergence and evolution of colony-level disease protection (2017)
		Specific dynamic action: a review of the postprandial metabolic response (2009)
		Spectral discrimination in color blind animals via chromatic aberration and pupil shape (2016)
		Sprint sensitivity and locomotory trade-offs in green anole (<i>Anolis carolinensis</i>) lizards (2015)
		Stereo and serial sniffing guide navigation to an odour source in a mammal (2013)
		Stress in atlantic salmon: response to unpredictable chronic stress (2015)
Sarah Meglaj	15.11.2018.	Stress responses to heat exposure in three species of australian desert birds (2017)
		Surviving in a frozen desert: environmental stress physiology of terrestrial antarctic arthropods (2014)
Ana Brtan	29.11.2018.	Synthetic biology: Immunotherapy by design (2018)
		Temperature-induced cardiac remodelling in fish (2017)
		The behavior-physiology nexus: behavioral and physiological compensation are relied on to different extent between seasons (2015)
		The Burmese python genome reveals the molecular basis for extreme adaptation in snakes (2013)
		The cost of digestion in fish-eating myotis bat (<i>Myotis vivesi</i>) (2015)
		The effect of winter sex ratio on immune function and condition in a differential migrant (2011)
		The effects of dietary cholesterol on metabolism and daily torpor patterns in siberian hamsters (2014)
Edi Thür	08.11.2018.	The energetics of torpor in a temperate passerine endemic to New Zealand, the Rifleman (<i>Acanthisitta chloris</i>) (2018)
		The first whole genome and transcriptome of the cinereous vulture reveals adaptation in the gastric and immune defense systems and possible convergent evolution between the Old and New World vultures (2015)
		The genome and transcriptome of Japanese flounder provide insights into flatfish asymmetry (2016)
Antonija Mamić	15.11.2018.	The gut microbiota modulates energy metabolism in the hibernating Brown bear <i>Ursus arctos</i> (2016)
		The importance of temporal heterothermy in bats (2014)
		The intestinal guanilyn system and seawater adaptation in eels (2007)
		The lateral line confers evolutionarily derived sleep loss in the Mexican cavefish (2017)
		The many roles of fats in overwintering insects (2018)
Maja Kovačević	15.11.2018.	The origins and evolution of sleep (2018)
		The physiological responses of green sturgeon (<i>Acipenser medirostris</i>) to potential global climate change stressors (2014)
Jelena Štambuk	29.11.2018.	The role of the circadian clock system in physiology (2018)
		The roller coaster flight strategy of bar-headed geese conserves energy during Himalayan migrations (2015)
		The silkmoth cocoon as humidity trap and waterproof barrier (2013)
Maja Mihaljević	29.11.2018.	The transcriptome of the bowhead whale <i>Balaena mysticetus</i> reveals adaptations of the longest-lived mammal (2015)

Lucija Horvatinec	15.11.2018.	Thermogenic capacity at subzero temperatures: how low can a hibernator go? (2015)
		Thermoregulation in endothermic dung beetles (Coleoptera: Scarabaeidae): effect of body size and ecophysiological constraints in flight (2006)
Kristina Deur	10.01.2019.	Thermoregulation in male temperate bats depends on habitat characteristics (2012)
		Thermoregulatory variation among populations of bats along a latitudinal gradient (2010)
		Thrifty females, frisky males: Winter energetics of hibernating bats from a cold climate (2017)
		Topsy-turvy: turning the counter-current heat exchange of leatherback turtles upside down (2015)
		Trade-offs among locomotor performance, reproduction and immunity in lizards (2016)
		Transcriptomic responses to environmental temperature in eurythermal and stenothermal fishes (2015)
		Trophic dynamics of scleractinian corals: stable isotope evidence (2015)
		TRPV4 associates environmental temperature and sex determination in the American alligator (2015)
		Ultraviolet filters in stomatopod crustaceans: diversity, ecology and evolution (2015)
		Voluntary exposure of some western-hemisphere snake and lizard species to ultraviolet-B radiation in the field: how much ultraviolet-B should a lizard or snake receive in captivity? (2010)
		Water bicarbonate modulates the response of the shore crab <i>Carcinus maenas</i> to ocean acidification (2018)
		Western and Clark's grebes use novel strategies for running on water (2015)
		Whiskers aid anemotaxis in rats (2016)
		Why arboreal snakes should not be cylindrical: body shape, incline and surface roughness have interactive effects on locomotion (2015)
Maria Prusina	10.01.2019.	Why are there no sea snakes in the Atlantic? (2018)
Dora Čuljak	17.01.2019.	Why do mammals hop? Understanding the ecology, biomechanics and evolution of bipedal hopping (2018)
		Zebras and biting flies: quantitative analysis of reflected light from zebra coats in their natural habitat (2016)