

Ime i prezime	Datum	Naslov
Marijana Batarelo	12.12.2019.	A cold-blooded view of adaptive immunity (2018)
		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 physiological perspective on the ecology and evolution of partial migration (2019)
		A platform for rapid exploration of aging and diseases in a naturally short-lived vertebrate (2015)
		A review of the role of parasites in the ecology of reptiles and amphibians (2018)
		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)
		Additive genetic variance and effects of inbreeding, sex and age on heterophil to lymphocyte ratio in song sparrows (2015)
Emanuela Adrović	14.11.2019.	Advances in research on the impacts of anti-submarine sonar on beaked whales (2019)
		Ambush or active life: foraging mode influences haematocrit levels in snakes (2014)
		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)
		Anthropogenic noise and the bioacoustics of terrestrial invertebrates (2019)
		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)
		Bat biology, genomes, and the Bat1K project: To generate chromosome-level genomes for all living bat species (2018)
Lea Vrbančić	09.01.2010.	Bats actively use leaves as specular reflectors to detect acoustically camouflaged prey (2019)
		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)
Dunja Kureljak	12.12.2019.	Biomaterials: Been there, done that, and evolving into the future (2019)
		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)
Ivica Biljan	16.01.2020.	Circadian rhythms and proteomics: It's all about posttranslational modifications! (2019)
Domagoj Šimatović	28.11.2019.	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)
		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)
		Differential posttranslational modification of mitochondrial enzymes corresponds with metabolic suppression during hibernation (2019)
		Digesting pythons quickly oxidize the proteins and save the lipids for later (2015)
Sanja Gagić	16.01.2019.	Disease ecology meets ecological immunology: understanding the links between organismal immunity and infection dynamics in natural populations (2011)
Martina Kaniža	19.12.2019.	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 early nutritional stress on physiology, life histories and their trade-offs in a model ectothermic vertebrate (2019)
		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)
		Elucidating the control and development of skin patterning in cuttlefish (2018)
		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)
		Evolved mechanisms of aerobic performance and hypoxia resistance in high-altitude natives (2019)
		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)
Dorian Dragičević	14.11.2019.	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)
Valjbone Rama	28.11.2019.	GABAergic anxiolytic drug in water increases migration behaviour in salmon (2016)
		Genetic control of mosquitoes (2014)
		Genome of the Komodo dragon reveals adaptations in the cardiovascular and chemosensory systems of monitor lizards (2019)
		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)
Tamara Ćutić	05.12.2019.	Heat waves, the new normal: Summertime temperature extremes will impact animals, ecosystems, and human communities (2018)
Tomislav Pospihalj	09.01.2020.	Hibernation induces widespread transcriptional remodeling in metabolic tissues of the grizzly bear (2019)
Dominik Herek	16.01.2020.	How do tiger moth jam bat sonar? (2011)
		How individual variation in host tolerance affects competence to transmit parasites? (2019)
		How locusts breathe (2013)
		How lovebirds manoeuvre rapidly using super-fast head saccades and image feature stabilization (2015)
Antonia Kerum	14.11.2019.	How seabirds plunge-dive without injuries (2016)
		Hunting in archerfish: An ecological perspective on a remarkable combination of skills (2018)

		Hydrodynamic detection and localization of artificial flatfish breathing currents by harbour seals (<i>Phoca vitulina</i>) (2017)
		Immunosenescence in wild animals: Meta-analysis and outlook (2019)
		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)
		Insect odorscapes: From plant volatiles to natural olfactory scenes (2019)
		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)
Magdalena Matic	12.12.2019.	Intestinal gases: Influence on gut disorders and the role of dietary manipulations (2019)
		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)
		Molecular interactions underpinning the phenotype of hibernation in mammals (2019)
Marina Horvat	09.01.2020.	Morphological characteristics of blood cells in monitor lizards: is erythrocyte size linked to actual body size? (2013)
Marta Penzar	12.12.2019.	Muscle biochemistry of a pelagic delphinid (<i>Stenella longirostris longirostris</i>): insight into fishery-induced separation of mothers and calves (2017)
Iva Šutevski	19.12.2019.	Neurobiology of monarch butterfly migration (2015)
		Novel ecological and climatic conditions drive rapid adaptation in invasive Florida Burmese pythons (2019)
		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)
		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)

Ana Petrović	28.11.2019.	Polarisation signals: A new currency for communication (2019)
		Poor flight performance in deep-diving cormorants (2011)
		Power transfer to a human during an electric eel's shocking leap (2017)
Doris Karan	05.12.2019.	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)
		Re-evaluating the significance of the dive response during voluntary surface apneas in the bottlenose dolphin, <i>Tursiops truncatus</i> (2019)
		The regulation of catecholamine release from the adrenal medulla is altered in deer mice (<i>Peromyscus maniculatus</i>) native to high altitudes (2019)
Lucija Abramović	28.11.2019.	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)
		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)
		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)
		Selection of endurance capabilities and the trade-off between pressure and volume in the evolution of the human heart (2019)
		Selectively bred oysters can alter their biomineralization pathways, promoting resilience to environmental acidification (2019)
		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)
		Surviving in a frozen desert: Environmental stress physiology of terrestrial antarctic arthropods (2014)
		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)
		The embryos of turtles can influence their own sexual destinies (2019)
		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)
Ariana Ivanić	19.12.2019.	The genetics and epigenetics of animal migration and orientation: Birds, butterflies and beyond (2018)

		The genome and transcriptome of Japanese flounder provide insights into flatfish asymmetry (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)
		The physiological responses of green sturgeon (<i>Acipenser medirostris</i>) to potential global climate change stressors (2014)
		The physiology of heat tolerance in small endotherms (2019)
Ana Zovko	05.12.2019.	The physiology of optimizing health with a focus on exercise as medicine (2019)
Matea Eršetić	14.11.2019.	The potential of virtual reality for spatial navigation research across the adult lifespan (2019)
		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)
		The snake <i>Bothrops jararaca</i> (Squamata: Viperidae) is a suitable bioindicator of environmental exposure to cadmium: An experimental study (2019)
		Thermoregulation in endothermic dung beetles (Coleoptera: Scarabaeidae): Effect of body size and ecophysiological constraints in flight (2006)
		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)
Marijana Petrić	09.01.2020.	Urbanization and elevated cholesterol in American Crows (2019)
		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)
Vedran Vanjorek	16.01.2020.	We are upright-walking cats: Human limbs as sensory antennae during locomotion (2019)
		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)
Tea Mejovšek	12.12.2019.	Zebras and biting flies: quantitative analysis of reflected light from zebra coats in their natural habitat (2016)