

Ime i prezime	Datum	Naslov
Elena Marić	8.12.2016.	A comprehensive overview of the risks and benefits of coffee consumption (2016)
Marta Zaher	10.11.2016.	A review of thermoregulation and physiological performance in reptiles: what is the role of phenotypic flexibility? (2005)
		A snapshot-based mechanism for celestial orientation (2016)
		Accumulation of lactate by frozen Painted turtles ( <i>Chrysemys picta</i> ) and its relationship to freeze tolerance (2004)
		Additive genetic variance and effects of inbreeding, sex and age on heterophil to lymphocyte ratio in song sparrows (2015)
		Aerodynamics of the flying snake <i>Chrysopelea paradisi</i> - how a bluff body cross-sectional shape contributes to gliding performance? (2014)
Viktorija Liber	1.12.2016.	Age, oxidative stress exposure and fitness in a long-lived seabird (2015)
Anja Cota	10.11.2016.	Ageing and the cost of maintaining coloration in the Australian painted dragon <i>Ctenophorus pictus</i> (2016)
		Aging, life span, and energetics under adult dietary restriction in Lepidoptera (2014)
		Ambush or active life: foraging mode influences haematocrit levels in snakes (2014)
		Amelanism in the corn snake is associated with the insertion of an LTR-retrotransposon in the <i>OCA2</i> gene (2015)
		Animal ice-binding (antifreeze) proteins and glycolipids: an overview with emphasis on physiological function (2015)
		Antarctic notothenoid fish: What are the future consequences of „losses“ and „gains“ acquired during long-term evolution at cold and stable temperatures? (2015)
		Antioxidant defenses, longevity and ecophysiology of South American bats (2007)
		Aquatic adaptations in the nose of carnivorans: evidence from the turbinates (2011)
		Behavioral responses to immune-system activation in an anuran (the Cane Toad, <i>Bufo marinus</i> ): Field and laboratory studies (2011)
		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)
Elizabeta Paparić	10.11.2016.	Calling louder and longer: how bats use biosonar under severe acoustic interference from other bats (2015)
Roman Karlović	22.12.2016.	Cardiac function in an endothermic fish: cellular mechanisms for overcoming acute thermal challenges during diving (2015)
Valerija Aptreeva	22.12.2016.	Chemical prey luring in Jackson's chameleons (2016)
Marina Blažević	17.11.2016.	Commuting fruit bats beneficially modulate their flight in relation to wind (2014)
		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)
		Decades of field data reveal that turtles senesce in the wild (2016)
		Developmental thermal plasticity of prey modifies the impact of predation (2015)
		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)
Nikolina Rinčić	22.12.2016.	Do healthy monarchs migrate farther? Tracking natal origins of parasitized vs. uninfected Monarch butterflies overwintering in Mexico (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)
		Ecophysiology tracks phylogeny and meets ecological models in an iberian gecko (2015)
Daria Kranželić	17.11.2016.	Effects of food supplementation on the physiological ecology of female Western diamond-backed rattlesnakes ( <i>Crotalus atrox</i> ) (2005)

		Effects of protein malnutrition on tolerance to helminth infection (2016)
Petra Prenz	8.12.2016.	Effects of sibling competition on growth, oxidative stress, and humoral immunity in starlings ( <i>Sturnus vulgaris</i> ): a two-year brood-size manipulation (2011)
		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)
Hrvoje Hodak	3.11.2016.	Energy metabolism and animal personality (2008)
		Epigenetics and locust life phase transitions (2015)
		Evidence for geomagnetic imprinting and magnetic navigation in natal homing for sea turtles (2015)
		Evidence that birds sleep in mid-flight (2016)
		Evolution of herbivory in a carnivorous clade of minnows (Teleostei: Cyprinidae): effects on gut size and digestive physiology (2010)
Nikolina Franček	22.12.2016.	Exercise at depth alters bradycardia and incidence of cardiac anomalies in deep-diving marine mammals (2015)
		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)
Veronika Lončar	17.11.2016.	Eye movements in chameleons are not truly independent – evidence from simultaneous monocular tracking of two targets (2015)
		Fish locomotion: recent advances and new directions (2015)
		Flexible navigation response in common cuckoos <i>Cuculus canorus</i> displaced experimentally during migration (2015)
		Foam nests provide context-dependent thermal insulation to embryos of three leptodactylid frogs (2015)
Ena Španić	15.12.2016.	Food allergy (2016)
		Freezing behaviour facilitates bioelectric crypsis in cuttlefish faced with predation risk (2015)
Tajana Burkuš	22.12.2016.	Gecko adhesion as a model system for integrative biology, interdisciplinary science, and bioinspired engineering (2014)
		Genetic control of mosquitoes (2014)
		Giving microbes their due – animal life in a microbially dominant world (2015)
		Growing old with the immune system: a study of immunosenescence in the zebra finch ( <i>Taeniopygia guttata</i> ) (2011)
		Hawkmoths produce anti-bat ultrasound (2013)
		Health benefits of long-term weight-loss maintenance (2015)
		Hearing in insects (2015)
		Heat exchange from the toucan bill reveals a controllable vascular thermal radiator (2009)
Davorka Burić	1.12.2016.	High-arctic butterflies become smaller with rising temperatures (2015)
		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)
		Hummingbirds control hovering flight by stabilizing visual motion (2014)
		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)
Martin Vargek	15.12.2016.	Integrative biology of exercise (2014)
		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)
Ksenija Hocenski	15.12.2016.	Lift and wakes of flying snakes (2014)

		Locomotor benefits of being a slender and slick sand swimmer (2015)
Andrijana Štulić	15.12.2016.	Locomotion dynamics of hunting in wild cheetahs (2013)
		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)
		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)
		Mediterranean dietary patterns and cardiovascular health (2015)
		Metabolism, gas exchange, and acid-base balance of giant salamanders (2012)
Anja Leljak	1.12.2016.	Microbial endocrinology: the interplay between the microbiota and the endocrine system (2015)
		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)
		Neurobiology of monarch butterfly migration (2015)
		No insulating effect of obesity (2016)
		Nuisance arthropods, nonhost odors, and vertebrate chemical aposematism (2010)
		Off-host physiological ecology of ixodid ticks (1991)
		Olfaction contributes to pelagic navigation in a coastal shark (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)
		Pelagic sea snakes dehydrate at sea (2014)
		Performance, personality and energetics: correlation, causation and mechanism (2012)
		Personality, foraging and fitness consequences in a long lived seabird (2014)
		Physiological constraints and latitudinal breeding season in the Canidae (2007)
		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)
Matea Krizman	8.12.2016.	Predicted and observed maximum prey size: snake size allometry (2002)
		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)
		Reexamining echidna physiology: the big picture for <i>Tachyglossus aculeatus acanthion</i> (2016)
		Reproduction-immunity trade-offs in insects (2015)
		Reptile freeze tolerance: metabolism and gene expression (2005)
Katarina Perković	15.12.2016.	Respiratory and reproductive paleophysiology of dinosaurs and early birds (2003)
		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)
Anita Mišić	1.12.2016.	Signal use by octopuses in agonistic interactions (2016)
		Selection for brain size impairs innate, but not adaptive immune responses (2016)
Laura Skukan	8.12.2016.	Snake constriction rapidly induces circulatory arrest in rats (2015)
Darija Putar	8.12.2016.	Socioecological predictors of immune defences in wild spotted hyenas (2016)
		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)

		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 effects of dietary cholesterol on metabolism and daily torpor patterns in siberian hamsters (2014)
		The effect of winter sex ratio on immune function and condition in a differential migrant (2011)
		The evolutionary origin of female orgasm (2016)
		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)
Anja Eloise Livaić	12.1.2017.	The function of zebra stripes (2014)
		The gut microbiota modulates energy metabolism in the hibernating Brown bear <i>Ursus arctos</i> (2016)
		The healthy heart: lessons from nature's elite athletes (2015)
		The importance of temporal heterothermy in bats (2014)
		The intestinal guanilyn system and seawater adaptation in eels (2007)
		The neural basis of long-distance navigation in birds (2015)
		Thermoregulation in endothermic dung beetles (Coleoptera: Scarabaeidae): effect of body size and ecophysiological constraints in flight (2006)
		The physiological responses of green sturgeon ( <i>Acipenser medirostris</i> ) to potential global climate change stressors (2014)
		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 town bird and the country bird: problem solving and immunocompetence vary with urbanization (2016)
		Thermogenic capacity at subzero temperatures: how low can a hibernator go? (2015)
		Thermoregulation in male temperate bats depends on habitat characteristics (2012)
		Thermoregulatory variation among populations of bats along a latitudinal gradient (2010)
		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)
		Two closely related species of desert carpenter ant differ in individual-level allocation to fat storage (2006)
		Ultraviolet filters in stomatopod crustaceans: diversity, ecology and evolution (2015)
Vjera Pavić	17.11.2016.	Visual cognition in social insects (2011)
Karlo Radečić	17.11.2016.	Visual phototransduction components in cephalopod chromatophores suggest dermal photoreception (2015)
		Vocal performance affects metabolic rate in dolphins: implications for animals communicating in noisy environments (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)
Monika Koporčić	1.12.2016.	Water surface locomotion in tropical canopy ants (2014)
		Western and Clark's grebes use novel strategies for running on water (2015)
		Zebbras and biting flies: quantitative analysis of reflected light from zebra coats in their natural habitat (2016)