

Ime i prezime	Datum	Naslov
		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)
		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)
Mia Knjaz	14.12.2017.	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)
Tatjana Avramović	11.1.2018.	Animal ice-binding (antifreeze) proteins and glycolipids: an overview with emphasis on physiological function (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)
Josip Golomejić	16.11.2017.	Antioxidant defenses, longevity and ecophysiology of South American bats (2007)
		Aquatic adaptations in the nose of carnivorans: evidence from the turbinates (2011)
		Arctic ground squirrels limit bone loss during the prolonged physical inactivity associated with hibernation (2015)
		Are invasive species stressful? The glucocorticoid profile of native lizards exposed to invasive fire ants depends on the context (2017)
		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)
		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)
Tomislav Jakopinac	21.12.2017.	Can hibernators sense and evade fires? Olfactory acuity and locomotor performance during deep torpor (2016)
		Comparative ecophysiology of cold-tolerance-related traits: assessing range expansion potential for an invasive insect at high latitude (2015)
		Comparative genetics of longevity and cancer: insights from long-lived rodents (2014)
		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)
		Decades of field data reveal that turtles senesce in the wild (2016)
		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)

Tea Duvančić	2.11.2017.	Ecophysiology tracks phylogeny and meets ecological models in an iberian gecko (2015)
Antonija Borjana Agapito	9.11.2017.	Effects of protein malnutrition on tolerance to helminth infection (2016)
		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)
Stefan Majnarić	30.11.2017.	Epigenetics and locust life phase transitions (2015)
		Evidence for geomagnetic imprinting and magnetic navigation in natal homing for sea turtles (2015)
Ivona Kološnjaj	30.11.2017.	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)
		Experiments on the feeding behavior of the hematophagous candiru, <i>Vandellia cf. plazai</i> (2001)
		Exploring the role of physiology and biotic interactions in determining elevational ranges of tropical animals (2013)
		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)
Paola Šimac	14.12.2017.	Giraffe genome sequence reveals clues to its unique morphology and physiology (2015)
Dragan Jurić	21.12.2017.	Giving microbes their due: Animal life in a microbially dominant world (2015)
Emilija Brglez	11.1.2018.	Growing old with the immune system: A study of immunosenescence in the zebra finch ( <i>Taeniopygia guttata</i> ) (2011)
		Habitat-specific divergence of air conditioning structures in bird bills (2017)
		Hawkmoths produce anti-bat ultrasound (2013)
Monika Stipan	30.11.2017.	Health benefits of long-term weight-loss maintenance (2015)
Antonia Ivešić	14.12.2017.	Hearing in insects (2015)
		Heat exchange from the toucan bill reveals a controllable vascular thermal radiator (2009)
Sara Bralić	30.11.2017.	Hibernating bears as a model for preventing disease osteoporosis (2006)
		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)
		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)
		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)
Iva Sunić	30.11.2017.	Insights from the den: How hibernating bears may help us understand and treat human disease (2015)
		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)
		Linking rising pCO <sub>2</sub> 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)
Grazia Davidović	14.12.2017.	Mass loss rates of fasting polar bears (2016)
		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)
Kristian Pavošević	16.11.2017.	Mediterranean dietary patterns and cardiovascular health (2015)
		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)
Sven Rosandić	16.11.2017.	Navigating under sea ice promotes rapid maturation of diving physiology and performance in beluga whales (2016)
		Neurobiology of monarch butterfly migration (2015)
Ana Cindrić	21.12.2017.	No insulating effect of obesity (2016)
		Nuisance arthropods, nonhost odors, and vertebrate chemical aposematism (2010)
		Off-host physiological ecology of ixodid ticks (1991)
Kora Dvorski	18.1.2018.	Olfaction contributes to pelagic navigation in a coastal shark (2016)
		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)
		Pelagic sea snakes dehydrate at sea (2014)
		Performance, personality and energetics: correlation, causation and mechanism (2012)
Sanjin Hadžalić	21.12.2017.	Personality, foraging and fitness consequences in a long lived seabird (2014)
		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)
		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)
		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)
		Reproduction-immunity trade-offs in insects (2015)
		Reptile freeze tolerance: metabolism and gene expression (2005)
Tomislav Gojak	16.11.2017.	Role of the different eyes in the visual odometry in the wolf spider <i>Lycosa tarantula</i> (Araneae, Lycosidae) (2017)
		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)
		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)
		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)
		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)
		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)
Magdalena Medved	21.12.2017.	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)
		The genome and transcriptome of Japanese flounder provide insights into flatfish asymmetry (2016)
		The gut microbiota modulates energy metabolism in the hibernating Brown bear <i>Ursus arctos</i> (2016)
Ana Bekavac	2.11.2017.	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 lateral line confers evolutionarily derived sleep loss in the Mexican cavefish (2017)
Manda Papac	14.12.2017.	The neural basis of long-distance navigation in birds (2015)
		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)
Dora Žigrović	2.11.2017.	The town bird and the country bird: problem solving and immunocompetence vary with urbanization (2016)
		The transcriptome of the bowhead whale <i>Balaena mysticetus</i> reveals adaptations of the longest-lived mammal (2015)
		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)
		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)
Nikolina Slavčić	16.11.2017.	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)
		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)
		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)
		Zebras and biting flies: quantitative analysis of reflected light from zebra coats in their natural habitat (2016)