1. **Albrecht** **J\***, Buday J, Mareš T, Kališová L, Raboch J, Anders M. Lowering the seizure threshold in electroconvulsive therapy using transcranial magnetic stimulation: A case report. *Brain Stimulation*. 2019, 12(3), 781-784. ISSN 1935-861X.   
   <https://doi.org/10.1016/j.brs.2019.01.012>

|  |  |
| --- | --- |
| IF (2018) = **6.919** | WoS: [000465395800025](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=Alerting&SrcApp=Alerting&DestApp=WOS&DestLinkType=FullRecord;UT=WOS:000465395800025) |
| Citace dle WoS bez auto: **0** | DOI: [10.1016/j.brs.2019.01.012](https://doi.org/10.1016/j.brs.2019.01.012) |
| Rank: **14/199**, percentil: **93.216**  Rank: **22/267**, percentil: **91.948** | Category: Clinical neurology  Category: Neurosciences |

1. **Cibula** **D\***, Pötter R, Planchamp F, Avall-Lundqvist E, Fischerová D, Meder C, Köhler C, Landoni F, Lax S, Lindegaard J, Mahantshetty U, Mathevet P, McCluggage W, McCormack M, Naik R, Nout R, Pignata S, Ponce J, Querleu D, Raspagliesi F, Rodolakis A, Tamussino K, Wimberger P, Raspollini M. The European Society of Gynaecological Oncology/European Society for Radiotherapy and Oncology/European Society of Pathology guidelines for the management of patients with cervical cancer. *Radiotherapy and Oncology*. 2018, 127(3), 404-416. ISSN 0167-8140.   
   <https://doi.org/10.1016/j.radonc.2018.03.003>

|  |  |
| --- | --- |
| IF (2018) = **5.252** | WoS: [000437110000011](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=Alerting&SrcApp=Alerting&DestApp=WOS&DestLinkType=FullRecord;UT=WOS:000437110000011) |
| Citace dle WoS bez auto: **32** | DOI: [10.1016/j.radonc.2018.03.003](https://doi.org/10.1016/j.radonc.2018.03.003) |
| Rank: **14/129**, percentil: **89.535**  Rank: **46/230**, percentil: **80.217** | Category: Radiology, Nuclear Medicine & Medical Imaging  Category: Oncology |

1. **Dostálek** **L**, Zikán M, Fischerová D, Kocián R, Germanová A, Frühauf F, Dusek L, Sláma J, Dundr P, Němejcová K, **Cibula** **D\***. SLN biopsy in cervical cancer patients with tumors larger than 2 cm and 4 cm. *Gynecologic Oncology*. 2018, 148(3), 456-460. ISSN 0090-8258.   
   <https://doi.org/10.1016/j.ygyno.2018.01.001>

|  |  |
| --- | --- |
| IF (2018) = **4.393** | WoS: [000428005300005](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=Alerting&SrcApp=Alerting&DestApp=WOS&DestLinkType=FullRecord;UT=WOS:000428005300005) |
| Citace dle WoS bez auto: **5** | DOI: [10.1016/j.ygyno.2018.01.001](https://doi.org/10.1016/j.ygyno.2018.01.001) |
| Rank: **8/83**, percentil: **90.964** | Category: Obstetrics & Gynecology |

1. **Hlušička J**\*, Loster T, Lischková L, Vaněčková M, Seidl Z, Diblík P, Kuthan P, Urban P, Navrátil T, Kačer P, Zacharov S. Role of activation of lipid peroxidation in the mechanisms of acute methanol poisoning. *Clinical Toxicology*. 2018, 56(10), 893-903. ISSN 1556-3650. <https://doi.org/10.1080/15563650.2018.1455980>

|  |  |
| --- | --- |
| IF (2018) = **4.398** | WoS: [000449536500004](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=Alerting&SrcApp=Alerting&DestApp=WOS&DestLinkType=FullRecord;UT=WOS:000449536500004) |
| Citace dle WoS bez auto: **0** | DOI: [10.1080/15563650.2018.1455980](https://doi.org/10.1080/15563650.2018.1455980) |
| Rank: **13/93**, percentil: **86.559** | Category: Toxicology |

1. **Gregorovičová M**, Sedmera D, Jensen B**\***. Relative position of the atrioventricular canal determines the electrical activation of developing reptile ventricles. *Journal of Experimental Biology*. 2018, 221(11), jeb178400. ISSN 0022-0949.   
   <https://doi.org/10.1242/jeb.178400>

|  |  |
| --- | --- |
| IF (2018) = **3.017** | WoS: [000438916100019](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=Alerting&SrcApp=Alerting&DestApp=WOS&DestLinkType=FullRecord;UT=WOS:000438916100019) |
| Citace dle WoS bez auto: **4** | DOI: [10.1242/jeb.178400](https://doi.org/10.1242/jeb.178400) |
| Rank: **19/87**, percentil: **78.736** | Category: Biology |

1. **Kolesová H**\*, Bartoš M, Hsieh W, Olejníčková V, Sedmera D. Novel Approaches to Study Coronary Vasculature Development in Mice. *Developmental Dynamics*. 2018, 247(8), 1018-1027. ISSN 1058-8388.   
   <https://doi.org/10.1002/DVDY.24637>

|  |  |
| --- | --- |
| IF (2018) = **2.852** | WoS: [000441275600005](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=Alerting&SrcApp=Alerting&DestApp=WOS&DestLinkType=FullRecord;UT=WOS:000441275600005) |
| Citace dle WoS bez auto: **4** | DOI: [10.1002/DVDY.24637](https://doi.org/10.1002/DVDY.24637) |
| Rank: **3/21**, percentil: **88.095** | Category: Anatomy & Morphology |

1. Křížek T, Bursová M, Horsley R, Kuchař M, Tůma P, Čabala R, **Hložek** **T\***. Menthol-based hydrophobic deep eutectic solvents: Towards greener and efficient extraction of phytocannabinoids. *Journal of Cleaner Production*. 2018, 193(August), 391-396. ISSN 0959-6526.   
   <https://doi.org/10.1016/j.jclepro.2018.05.080>

|  |  |
| --- | --- |
| IF (2018) = **6.395** | WoS: [000437997200032](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=Alerting&SrcApp=Alerting&DestApp=WOS&DestLinkType=FullRecord;UT=WOS:000437997200032) |
| Citace dle WoS bez auto: **20** | DOI: [10.1016/j.jclepro.2018.05.080](https://doi.org/10.1016/j.jclepro.2018.05.080) |
| Rank: **18/251**, percentil: **93.028**  Rank: **8/52**, percentil: **85.577**  Rank: **6/35**, percentil: **84.286** | Category: Environmental Sciences  Category: Engineering, Environmental  Category: Green & Sustainable Science & Technology |

1. **Lišková** **P\***, **Ďuďáková Ľ**, Evans C, Lopez K, Pontikos N, Athanasiou D, Jama H, Šach J, Skalická P, Stránecký V, Kmoch S, Thaung C, Filipec M, Cheetham M, Davidson A, Tuft S, Hardcastle A**\***. Ectopic GRHL2 Expression Due to Non-coding Mutations Promotes Cell State Transition and Causes Posterior Polymorphous Corneal Dystrophy 4. *The American Journal of Human Genetics*. 2018, 102(3), 447-459. ISSN 0002-9297.   
   <https://doi.org/10.1016/j.ajhg.2018.02.002>

|  |  |
| --- | --- |
| IF (2018) = **9.924** | WoS: [000426469600015](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=Alerting&SrcApp=Alerting&DestApp=WOS&DestLinkType=FullRecord;UT=WOS:000426469600015) |
| Citace dle WoS bez auto: **9** | DOI: [10.1016/j.ajhg.2018.02.002](https://doi.org/10.1016/j.ajhg.2018.02.002) |
| Rank: **9/174**, percentil: **95.115** | Category: Genetics & Heredity |

*Liskova, Dudakova, Evans, Lopez, Pontikos: These authors contributed equally to this work*

1. Mueller K, **Jech R\***, Růžička F, Holiga Š, Ballarini T, Bezdíček O, Möller HE, Vymazal J, Růžička E, Schroeter ML, Urgošík D. Brain connectivity changes when comparing effects of subthalamic deep brain stimulation with levodopa treatment in Parkinson's disease. *NeuroImage: Clinical*. 2018, 19(May), 1025-1035. ISSN 2213-1582.   
   <https://doi.org/10.1016/j.nicl.2018.05.006>

|  |  |
| --- | --- |
| IF (2018) = **3.943** | WoS: [000441936300106](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=Alerting&SrcApp=Alerting&DestApp=WOS&DestLinkType=FullRecord;UT=WOS:000441936300106) |
| Citace dle WoS bez auto: **11** | DOI: [10.1016/j.nicl.2018.05.006](https://doi.org/10.1016/j.nicl.2018.05.006) |
| Rank: 3**/14**, percentil: **82.143** | Category: Neuroimaging |

1. **Němejcová K,** Tichá I, Bártů M, Kodet O, Důra M, Jakša R, Michálková R, **Dundr P**\*. Comparison of five different scoring methods in the evaluation of inflammatory infiltration (tumor-infiltrating lymphocytes) in superficial spreading and nodular melanoma. *Pigment Cell and Melanoma Research*. 2019, 32(3), 412-423. ISSN 1755-1471.   
   <https://doi.org/10.1111/pcmr.12757>

|  |  |
| --- | --- |
| IF (2018) = **4.172** | WoS: [000465607700009](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=Alerting&SrcApp=Alerting&DestApp=WOS&DestLinkType=FullRecord;UT=WOS:000465607700009) |
| Citace dle WoS bez auto: **2** | DOI: [10.1111/pcmr.12757](https://doi.org/10.1111/pcmr.12757) |
| Rank: **7/66**, percentil: **90.152** | Category: Dermatology |

1. **Nurieva O,** Diblik P, Kuthan P, Sklenka P, Meliska M, Bydzovsky J, Heissigerova J, Urban P, Kotikova K, Navratil T, Komarc M, Seidl Z, Vaneckova M, Pelclova D, **Zacharov S**\*. Progressive Chronic Retinal Axonal Loss Following Acute Methanol-induced Optic Neuropathy: Four-Year Prospective Cohort Study. *American Journal of Ophthalmology*. 2018, 191(July), 100-115. ISSN 0002-9394. <https://doi.org/10.1016/j.ajo.2018.04.015>

|  |  |
| --- | --- |
| IF (2018) = **4.483** | WoS: [000437387100018](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=Alerting&SrcApp=Alerting&DestApp=WOS&DestLinkType=FullRecord;UT=WOS:000437387100018) |
| Citace dle WoS bez auto: **8** | DOI: [10.1016/j.ajo.2018.04.015](https://doi.org/10.1016/j.ajo.2018.04.015) |
| Rank: **6/60**, percentil: **90.833** | Category: Ophthalmology |

1. **Pánková** **A**, Králíková E, Štěpánková L, Zvolská K, Bortlíček Z, Bláha M, Clark M, Schroeder D, Croghan I**\***. Weight Concerns Associated With Delay in Quit Date But Not Treatment Outcomes: A Czech Republic Experience. *Nicotine and Tobacco Research*. 2018, 20(1), 89-94. ISSN 1462-2203.   
   <https://doi.org/10.1093/ntr/ntw276>

|  |  |
| --- | --- |
| IF (2018) = **3.786** | WoS: [000425536400012](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=Alerting&SrcApp=Alerting&DestApp=WOS&DestLinkType=FullRecord;UT=WOS:000425536400012) |
| Citace dle WoS bez auto: **2** | DOI: [10.1093/ntr/ntw276](https://doi.org/10.1093/ntr/ntw276) |
| Rank: **11/164**, percentil: **93.598**  Rank: **4/35**, percentil: **90.000**  Rank: **3/19**, percentil: **86.842**  Rank: **29/186**, percentil: **84.677** | Category: Public, Environmental & Occupational Health - SSCI  Category: Substance Abuse - SSCI  Category: Substance Abuse - SCIE  Category: Public, Environmental & Occupational Health - SCIE |

1. **Pelclova D\*,** Zdimal V, Schwarz J, Dvorackova S, Komarc M, Ondracek J, Kostejn M, Kacer P, Vlckova S, Fenclova Z, Popov A, Lischkova L, Zacharov S, Bello D. Markers of Oxidative Stress in the Exhaled Breath Condensate of Workers Handling Nanocomposites. *Nanomaterials*. 2018, 8(8), E611. ISSN 2079-4991. <https://doi.org/10.3390/nano8080611>

|  |  |
| --- | --- |
| IF (2018) = **4.034** | WoS: [000443257500050](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=Alerting&SrcApp=Alerting&DestApp=WOS&DestLinkType=FullRecord;UT=WOS:000443257500050) |
| Citace dle WoS bez auto: **0** | DOI: [10.3390/nano8080611](https://doi.org/10.3390/nano8080611) |
| Rank: **71/293**, percentil: **75.939** | Category: Materials Science, Multidisciplinary |

1. **Peševski** **Ž**, Kvasilová A, Stopková T, Naňka O, Drobná Krejčí E, Buffinton C, Kockova R, Eckhardt A, **Sedmera** **D\***. Endocardial Fibroelastosis is Secondary to Hemodynamic Alterations in the Chick Embryonic Model of Hypoplastic Left Heart Syndrome. *Developmental Dynamics*. 2018, 247(3), 509-520. ISSN 1058-8388.   
   <https://doi.org/10.1002/dvdy.24521>

|  |  |
| --- | --- |
| IF (2018) = **2.852** | WoS: [000425141200016](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=Alerting&SrcApp=Alerting&DestApp=WOS&DestLinkType=FullRecord;UT=WOS:000425141200016) |
| Citace dle WoS bez auto: **3** | DOI: [10.1002/dvdy.24521](https://doi.org/10.1002/dvdy.24521) |
| Rank: **3/21**, percentil: **88.095** | Category: Anatomy & Morphology |

1. **Ptáčník V**, Zogala D, Skibová D, Jiskrová H, Trnka J, Tesař V, Ryšavá R, **Šámal M**\*. Assessment of renal function before contrast media injection: right decisions based on inaccurate estimates. *European Radiology*. 2019, 29(6), 3192-3199. ISSN 0938-7994. <https://doi.org/10.1007/s00330-018-5753-z>

|  |  |
| --- | --- |
| IF (2018) = **3.962** | WoS: [000467646300047](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=Alerting&SrcApp=Alerting&DestApp=WOS&DestLinkType=FullRecord;UT=WOS:000467646300047) |
| Citace dle WoS bez auto: **1** | DOI: [10.1007/s00330-018-5753-z](https://doi.org/10.1007/s00330-018-5753-z) |
| Rank: **20/129**, percentil: **84.884** | Category: Radiology, Nuclear Medicine & Medical Imaging |

1. **Rusz J\***, Tykalová T, Fečíková A, Šťastná D, Urgošík D, Jech R. Dualistic effect of pallidal deep brain stimulation on motor speech disorders in dystonia. *Brain Stimulation*. 2018, 11(4), 896-903. ISSN 1935-861X.   
   <https://doi.org/10.1016/j.brs.2018.03.007>

|  |  |
| --- | --- |
| IF (2018) = **6.919** | WoS: [000436849700029](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=Alerting&SrcApp=Alerting&DestApp=WOS&DestLinkType=FullRecord;UT=WOS:000436849700029) |
| Citace dle WoS bez auto: **1** | DOI: [10.1016/j.brs.2018.03.007](https://doi.org/10.1016/j.brs.2018.03.007) |
| Rank: **14/199**, percentil: **93.216**  Rank: **22/267**, percentil: **91.948** | Category: Clinical neurology  Category: Neurosciences |

1. Sana J, **Bušek** **P**, Fadrus P, Besse A, Radova L, Vecera M, Reguli Š, Stollinová Šromová L, Hilšer M, Lipina R, Lakomy R, Kren L, Smrcka M, **Šedo** **A\***, Slaby O**\***. Identification of microRNAs differentially expressed in glioblastoma stem-like cells and their association with patient survival. *Scientific Reports*. 2018, 8(February), 2836. ISSN 2045-2322.   
   <https://doi.org/10.1038/s41598-018-20929-6>

|  |  |
| --- | --- |
| IF (2018) = **4.011** | WoS: [000424743500052](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=Alerting&SrcApp=Alerting&DestApp=WOS&DestLinkType=FullRecord;UT=WOS:000424743500052) |
| Citace dle WoS bez auto: **10** | DOI: [10.1038/s41598-018-20929-6](https://doi.org/10.1038/s41598-018-20929-6) |
| Rank: **15/69**, percentil: **78.986** | Category: Multidisciplinary Sciences |

*Jiri Sana and Petr Busek contributed equally to this work*

1. Steijn R, Sedmera D, Blom N, Jongbloed M, Kvasilová A, **Naňka O\***. Apoptosis and epicardial contributions act as complementary factors in remodeling of the atrioventricular canal myocardium and atrioventricular conduction patterns in the embryonic chick heart. *Developmental Dynamics*. 2018, 247(9), 1033-1042. ISSN 1058-8388.   
   <https://doi.org/10.1002/dvdy.24642>

|  |  |
| --- | --- |
| IF (2018) = **2.852** | WoS: [000445180200001](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=Alerting&SrcApp=Alerting&DestApp=WOS&DestLinkType=FullRecord;UT=WOS:000445180200001) |
| Citace dle WoS bez auto: **3** | DOI: [10.1002/dvdy.24642](https://doi.org/10.1002/dvdy.24642) |
| Rank: **3/21**, percentil: **88.095** | Category: Anatomy & Morphology |

1. **Šimják** **P**, Cinkajzlová A, Anderlová K, Pařízek A, Mráz M, Kršek M, **Haluzík M**\*. The role of obesity and adipose tissue dysfunction in gestational diabetes mellitus. *Journal of Endocrinology*. 2018, 238(2), R63-R77. ISSN 0022-0795.  
   <https://doi.org/10.1530/JOE-18-0032>

|  |  |
| --- | --- |
| IF (2018) = **4.381** | WoS: [000438707700001](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=Alerting&SrcApp=Alerting&DestApp=WOS&DestLinkType=FullRecord;UT=WOS:000438707700001) |
| Citace dle WoS bez auto: **6** | DOI: [10.1530/JOE-18-0032](https://doi.org/10.1530/JOE-18-0032) |
| Rank: **31/145**, percentil: **78.966** | Category: Endocrinology & Metabolism |

1. **Uher T**\*, Krásenský J, Sobíšek L, Blahová Dušánková J, Seidl Z, Kubala Havrdová E, Sormani MP, Horáková D, Kalinčík T, Vaněčková M. Cognitive clinico-radiological paradox in early stages of multiple sclerosis. *Annals of Clinical and Translational Neurology [online]*. 2018, 5(1), 81-91. ISSN 2328-9503. <http://dx.doi.org/10.1002/acn3.512>

|  |  |
| --- | --- |
| IF (2018) = **4.656** | WoS: [000422664400008](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=Alerting&SrcApp=Alerting&DestApp=WOS&DestLinkType=FullRecord;UT=WOS:000422664400008) |
| Citace dle WoS bez auto: **7** | DOI: [10.1002/acn3.512](https://doi.org/10.1002/acn3.512) |
| Rank: **29/199**, percentil: **85.678**  Rank: **55/267**, percentil: **79.588** | Category: Clinical neurology  Category: Neurosciences |

1. **Vrablík** **M**, Raslova K, Vohnout B, Bláha V, Šatný M, Kyselak O, Vaclová M, Urbanek R, Maskova J, Soska V, Freiberger T**\***. Real-life LDL-C treatment goals achievement in patients with heterozygous familial hypercholesterolemia in the Czech Republic and Slovakia: Results of the PLANET registry. *Atherosclerosis*. 2018, 277(October), 355-361. ISSN 0021-9150.   
   <https://doi.org/10.1016/j.atherosclerosis.2018.08.008>

|  |  |
| --- | --- |
| IF (2018) = **4.255** | WoS: [000445908000054](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=Alerting&SrcApp=Alerting&DestApp=WOS&DestLinkType=FullRecord;UT=WOS:000445908000054) |
| Citace dle WoS bez auto: **1** | DOI: [10.1016/j.atherosclerosis.2018.08.008](https://doi.org/10.1016/j.atherosclerosis.2018.08.008) |
| Rank: **12/65**, percentil: **82.308** | Category: Peripheral Vascular Disease |

1. **Živná** **M**, Kidd K, **Přistoupilová A**, Barešová V, DeFelice M, Blumenstiel B, Harden M, Conlon P, Lavin P, Connaughton D, Hartmannová H, Hodaňová K, Stránecký V, Vrbacká A, Vyleťal P, Živný J, Votruba M, Sovová J, Hůlková H, Robins V, Perry R, Wenzel A, Beck B, Seeman T, Viklický O, Rajnochová-Bloudíčková S, Papagregoriou G, Deltas C, Alper S, Greka A, **Bleyer** **A\***, Kmoch S. Noninvasive Immunohistochemical Diagnosis and Novel MUC1 Mutations Causing Autosomal Dominant Tubulointerstitial Kidney Disease. *Journal of the American Society of Nephrology*. 2018, 29(9), 2418-2431. ISSN 1046-6673.   
   <https://doi.org/10.1681/ASN.2018020180>

|  |  |
| --- | --- |
| IF (2018) = **8.547** | WoS: [000449014200017](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=Alerting&SrcApp=Alerting&DestApp=WOS&DestLinkType=FullRecord;UT=WOS:000449014200017) |
| Citace dle WoS bez auto: **7** | DOI: [10.1681/ASN.2018020180](https://doi.org/10.1681/ASN.2018020180) |
| Rank: **4/80**, percentil: **95.625** | Category: Urology & Nephrology |

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