

СПИСЪК НА НАУЧНИТЕ ПУБЛИКАЦИИ

на гл. ас. Емилия Бориславова Петрова, доктор

A. Научни публикации за придобиване на образователна и научна степен „Доктор”

I. Научни публикации в издания, които са реферирани и индексирани в световноизвестни бази данни с научна информация

1. **Petrova E** (2004) Brain lipid changes in some diseases of the central nervous system. *Acta Morphol. et Anthropol.*, 9, 188-193, ISSN (print): 0861-0509.
2. **Petrova E, Dishkelov A, Vasileva E** (2005) Changes of the cholesterol content in rat brain subcellular fractions in experimental model of cerebral ischaemia. *Compt. rend. Acad. bulg. Sci.*, 58 (7), 839-842, ISSN (print): 1310-1331.
3. **Petrova E, Dishkelov A, Venkov L, Vasileva E** (2006) Changes in free fatty acids in rat brain subcellular fractions after cerebral ischemia. *Acta Morphol. et Anthropol.*, 11, 9-16, ISSN (print): 0861-0509.

B. Научни публикации за участие в конкурса за заемане на академична длъжност „Доцент”

I. Научни публикации в издания, които са реферирани и индексирани в световноизвестни бази данни с научна информация

I.I. Симпакт фактор

4. **Petrova E, Dishkelov A, Vasileva E** (2009) Changes of the phospholipid content and composition in brain subcellular fractions in a rat model of cerebral ischemia. *Compt. rend. Acad. bulg. Sci.*, 62 (3), 373-378, ISSN (print): 1310-1331. **IF 0.204, Q4**
5. **Petrova E, Dishkelov A, Vasileva E, Gramatikova T, Ormandzhieva V, Dimitrova S** (2012) Glycolipid content of the nuclear membrane in hypoxic rat brain. *Biotechnology & Biotechnological Equipment (B&BE)*, 26, Suppl. 1, 77-79, ISSN (print): 1310-2818, ISSN (online): 1314-3530. **IF 0.622, Q4**
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7. **Dimitrova M, Deleva D, Petrova E, Kadiysky D** (2012) Morphological estimation of brain degenerative changes provoked by acute lithium intoxication in mice. *Compt. rend. Acad. bulg. Sci.*, 65 (6), 861-864, ISSN (print): 1310-1331. **IF 0.211, Q4**
8. **Dimitrova M, Petrova E, Gluhcheva Y, Kadiysky D, Dimitrova St, Kolyovska V, Deleva D** (2013) Neurodegenerative changes produced in rat by lithium treatment. *J. Toxicol. Environ. Health (JTEH), Part A*, 76 (4-5), 304-310, ISSN (print): 1528-7394, ISSN (online): 1087-2620. **IF 1.834, Q2**
9. **Dimitrova S, Angelov I, Petrova E** (2013) Solar and geomagnetic activity effects on heart rate variability. *Nat. Hazards*, 69 (1), 25-37, ISSN: 0921-030X. **IF 1.958, Q2**

10. Ivanov I, Gluhcheva Y, **Petrova E**, Antonova N (2014) Hemorheological changes and hematometric erythrocyte characteristics in rats after sodium nitrite intoxication. **Korea-Australia Rheology J.**, 26 (2), 225-228, ISSN: 1226-119X. **IF 0.875, Q3**
11. **Petrova E**, Dimitrova M, Ivanov I, Pavlova V, Dimitrova St, Kadiysky D (2016) Effect of acute hypoxic shock on the rat brain morphology and tripeptidyl peptidase I activity. **Acta Histochemica**, 118, 496-504, ISSN: 0065-1281. **IF 1.360, Q4**

I.II. Без импакт фактор

12. **Petrova E**, Dishkelov A, Vasileva E (2007) Changes of the glycolipid content in rat brain and brain subcellular fractions in an experimental model of cerebral ischemia. **Acta Morphol. et Anthropol.**, 12, 14-17, ISSN (print): 0861-0509.
13. **Petrova E**, Dishkelov A, Vasileva E (2008) Lipid composition of mitochondrial membrane in ischemic rat brain. **Acta Morphol. et Anthropol.**, 13, 50-53, ISSN (print): 0861-0509.
14. Pavlova E, Dimova D, **Petrova E**, Gluhcheva Y, Atanassova N (2012) Rat sperm count changes at early stages after hemic hypoxia. **J. BioSci. Biotech. (JBB)**, Special Edition/ONLINE, 73-76, ISSN (online): 1314-6246.
15. Gluhcheva Y, Ivanov I, **Petrova E**, Pavlova E, Vladov I (2012) Sodium nitrite-induced hematological and hemorheological changes in rats. **Series on Biomechanics**, 27 (3-4), 53-58, ISSN: 1313-2458.
16. Ivanov I, Antonova N, Gluhcheva Y, **Petrova E**, Ivanova Ju (2012) Blood rheological changes in rodents treated with metal salts. **Series on Biomechanics**, 27 (3-4), 45-52, ISSN: 1313-2458.
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19. **Petrova E**, Gramatikova T (2016) Phospholipid and Free Fatty Acid Content of Rat Brain Mitochondria Following Linseed Dietary Supplementation. **Acta Morphol. et Anthropol.**, 23, 48-53, ISSN (print): 0861-0509.
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21. Ivanova Ju, **Petrova E**, Kamenova K, Gluhcheva Y (2017) Comparative effects of meso-2,3-dimercaptosuccinic acid, monensin, and salinomycin on cadmium-induced brain dysfunction in cadmium-intoxicated mice. **Interdiscip. Toxicol.**, 10 (3), 107-113, ISSN: 1337-9569.
22. Kolyovska V, Ivanova Ju, **Petrova E**, Gluhcheva Y, Pavlova E (2018) The effect of salinomycin on ganglioside production in lead-intoxicated mice. An immunological study. **Acta Morphol. et Anthropol.**, 25, 3-4, 71-75, ISSN (print): 0861-0509.

II. Научни публикации в нереферирани списания с научно рецензиране или в редактирани колективни томове

23. **Petrova E**, Dishkelov A, Vasileva E (2009) Changes in free fatty acids in rat brain nuclear and microsomal subcellular fractions in experimental model of cerebral hypoxia. **JBCR**, 2 (1), Suppl. 1, 35-37, ISSN (print) 1313-6917, ISSN (online) 1313-9053.

24. Dimitrova S, Angelov I, **Petrova E** (2009) A case study of possible effects of geomagnetic activity and mobile phones on heart rate variability. *Med. Data Rev.*, 2, 13-16, ISSN: 1821-1585.
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28. **Petrova E**, Dishkelov A, Vasileva E (2010) Lipid profile of rat brain nuclear and microsomal subcellular fractions during ischemia. *Acta Morphol. et Anthropol.*, 15, 47-51, ISSN (print): 0861-0509.
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31. **Petrova E**, Dishkelov A, Vasileva E (2011) Effect of hypoxia on glycolipids in rat brain myelin. *Acta Morphol. et Anthropol.*, 17, 15-18, ISSN (print): 0861-0509.
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C. Резюмета в списания с импакт фактор

1. **Petrova E**, Dishkelov A, Vasileva E (2005) Ischemia-induced changes of cholesterol content in rat brain subcellular fractions. *Eur. J. Neurol.*, Vol. 12, Suppl. 2, p.53, ISSN (print): 1471-0552. **IF 2.244**
2. **Petrova E**, Dishkelov A, Vasileva E (2006) Ischemia-induced changes of phospholipid content in rat brain subcellular fractions. *Eur. J. Neurol.*, Vol. 13, Suppl. 2, p.186, ISSN (print): 1471-0552. **IF 2.437**
3. **Petrova E**, Dishkelov A, Vasileva E (2007) Glycolipid changes in rat brain subcellular fractions in an experimental model of cerebral ischemia. *Eur. J. Neurol.*, Vol. 14, Suppl. 1, p.44, ISSN (print): 1471-0552. **IF 2.58**
4. **Petrova E**, Dishkelov A, Vasileva E (2009) Effect of hypoxia on cholesterol content in rat brain subcellular fractions. *Eur. J. Neurol.*, Vol. 16, Suppl. 3, p.406, ISSN (print): 1471-0552. **IF 2.51**
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