

Selected Scientific Papers

Title: Neurofibrillar changes in goldfish (*Carassius auratus* L.) brain in relation to environmental temperature.

Authors: Bondar RL, Roots BI.

Journal: Exp. Brain Res. 1977; 30(4): 577-585.

Link: <https://link.springer.com/article/10.1007/BF00237646>

Title: Neurofilamentous changes in goldfish (*Carassius auratus* L.) brain in relation to environmental temperature

Authors: Roots BI, Bondar RL.

Journal: J. Neuropathol. Exp. Neurol. 1977; 36(3): 453-464.

Link: <https://academic.oup.com/jnen/article-abstract/36/3/453/2612931?redirectedFrom=fulltext>

Title: Mitral valve prolapse: a cause of stroke in children?

Authors: Rice GPA, Ebers GC, Bondar RL, Boughner DR.

Journal: Develop. Med. Child Neurol. 1981; 23(3): 352-356.

Link: Not available.

Title: Rebound nystagmus in olivocerebellar atrophy: a clinicopathological correlation.

Authors: Bondar RL, Sharpe JA, Lewis AJ

Journal: Ann. Neurol. 1984; 15 (5): 474-477.

Link: <https://www.ncbi.nlm.nih.gov/pubmed/6732194>

Title: Development of plant protoplasts during the IML-1 mission.

Authors: Rasmussen O, Bondar RL, Baggerud C, Iversen T-H.

Journal: Adv. Space Res. 1994; 14(8): 189-196.

Link: <https://www.ncbi.nlm.nih.gov/pubmed/11537917>

Title: Simultaneous cerebrovascular and cardiovascular responses during presyncope.

Authors: Bondar RL, Kassam MS, Stein F, Dunphy PT, Fortney S, Riedesel ML.

Journal: Stroke. 1995; 26(10): 1794-1800.

Link: <https://www.ahajournals.org/doi/10.1161/01.STR.26.10.1794>

Title: Subnormal norepinephrine release relates to presyncope in astronauts after spaceflight

Authors: Fritsch-Yelle JM, Whitson PA, Bondar RL, Brown TE.

Journal: J. Appl. Physiol. 1996; 81(5): 2134-2141.

Link: <https://www.physiology.org/doi/pdf/10.1152/jappl.1996.81.5.2134>

Title: Transfer function analysis of cerebral autoregulation dynamics in autonomic failure patients.

Authors: Blaber AP, Bondar RL, Stein F, Dunphy PT, Moradshahi P, Kassam MS, Freeman R.

Journal: Stroke. 1997; 28(9): 1686-1692.

Link: <https://www.ncbi.nlm.nih.gov/pubmed/9303010>

Title: Ventilatory response to passive head up tilt.

Authors: Serrador JM, Bondar RL, Hughson RL.

Journal: Adv. Exp. Med. Biol. 1998; 450: 133-139.

Link: Not available.

Title: Autonomic nervous system function in space.

Authors: Hughson RL, Bondar RL.

Journal: Appenzeller O, editor. Handbook of Clinical Neurology. Amsterdam: Elsevier; 1999; 74 (30): 273- 305.

Link: Not available.

Title: MRI measures of middle cerebral artery diameter in conscious humans during simulated orthostasis.

Authors: Serrador JM, Picot PA, Rutt BK, Shoemaker JK, Bondar RL.

Journal: Stroke. 2000; 31(7): 1672-1678.

Link: <https://www.ncbi.nlm.nih.gov/pubmed/10884472>

Title: Orthostatic intolerance and motion sickness after parabolic flight.

Authors: Schlegel TT, Brown TE, Wood SJ, Benavides EW, Bondar RL, Stein F, Moradshahi P, Harm DL, Fritsch-Yelle JM, Low PA.

Journal: J. Appl. Physiol. 2001; 90(1): 67-82.

Link: <https://www.ncbi.nlm.nih.gov/pubmed/11133895>

Title: Inspiratory CO₂ increases orthostatic tolerance during repeated tilt.

Authors: Blaber AP, Bondar RL, Moradshahi P, Serrador JM, and Hughson RL.

Journal: Aviat. Space Environ. Med. 2001; 72(11): 985-991.

Link: <https://europepmc.org/abstract/med/11718518>

Title: Heart rate variability and short duration spaceflight: relationship to post-flight orthostatic intolerance.

Authors: Blaber AP, Bondar RL, Kassam MS

Journal: BMC Physiol. 2004; 4: 6.

Link: <https://www.ncbi.nlm.nih.gov/pubmed/15113425>

Title: Differences in cerebral autoregulation between male and female astronauts.

Authors: Blaber AP, Goswami N, Bondar RL, Kassam MS.

Journal: 18th International Academy of Astronautics, Humans in Space Symposium, Houston: 2011; April 11-15. Poster.

Link: Not available.

Title: Impairment of cerebral blood flow regulation in astronauts with orthostatic intolerance after flight.

Authors: Blaber AP, Goswami N, Bondar RL, Kassam MS.

Journal: Stroke. 2011; 42:1844- 1850 published online before print May 26 2011, doi:10.1161/STROKEAHA.110.610576.

Link: <https://www.ncbi.nlm.nih.gov/pubmed/21617145>