

Author HUMINIC Angel
Title ROAD VEHICLE AERODYNAMIC DESIGN
Domain MECHANICAL ENGINEERING

PUBLICATIONS LIST

RELEVANT PAPERS

1. **Huminic A.**, Huminic G., Fleaca C., Dumitrache F., Morjan I., "Thermal conductivity, viscosity and surface tension of nanofluids based on FeC nanoparticles", Powder Technology, Vol. 284, pp. 78-84, ISSN: 00325910, 2015, Factor de impact 2.349
doi: 10.1016/j.powtec.2015.06.040,
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2. Huminic G., **Huminic A.**, "Numerical Study on Heat Transfer Characteristics of Thermosyphon Heat Pipes Using Nanofluids", Energy Conversion and Management, Volume 76, 2013, pp. 393-399, ISSN: 01968904, doi: 10.1016/j.enconman.2013.07.026, Factor de impact 2.775
3. Huminic G., **Huminic A.**, "Numerical Analysis of Laminar Flow Heat Transfer of Nanofluids in a Flattened Tube", International Communications in Heat and Mass Transfer, Vol. 44, pp. 52-57, 2013, ISSN: 07351933, 2013, doi: 10.1016/j.icheatmasstransfer.2013.03.003, Factor de impact 2.208.
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4. **Huminic A.**, Huminic G., Soica A., "Study of Aerodynamics for a Simplified Car Model with the Underbody Shaped as a Venturi Nozzle", International Journal of Vehicle Design, Volume 58, Issue 1, pp. 15-32, ISSN: 0143-3369, 2012, DOI: 10.1504/IJVD.2012.045927, Factor de impact 0.509
5. Huminic G., **Huminic A.**, "Heat Transfer Characteristics in Double Tube Helical Heat Exchangers Using Nanofluids", International Journal of Heat and Mass Transfer, Volume 54, Issue 19-20, pp. 4280-4287, ISSN: 00179310, doi: 10.1016/j.ijheatmasstransfer.2011.05.017, Factor de impact 2.307.
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7. Huminic G., **Huminic A.**, I. Morjan I., F. Dumitrache F., "Experimental Study of the Thermal Performance of Thermosyphon Heat Pipe Using Iron Oxide Nanoparticles", International Journal of Heat and Mass Transfer, Volume 54, Issue 1-3, 2011, pp. 656–661, ISSN: 00179310, doi: 10.1016/j.ijheatmasstransfer.2010.09.005, Factor de impact 2.307.
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8. **Huminic A.**, Huminic G., "Numerical Flow Simulation for a Generic Vehicle Body on Wheels with Variable Underbody Diffuser", Vehicle Aerodynamics, SAE SP 2333, pp. 139-148, 2012, ISSN 0148-7191, doi: 10.4271/2012-01-0172.
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7. Huminic G., **Huminic A.**, "New Synergy Analysis of Alternative Refrigerants Used in Refrigerating Transport", *International Journal of Low Carbon Technologies*, Volume 3, Issue 1, January 2008, Pages 12-23, doi: 10.1093/ijlct/3.1.12.

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Dr ing. Angel HUMINIC