

LISTA DE LUCRĂRI

CAPITOLE DE CARTE

1. Gherman, B., **Pusca, A.**, Tucan, P., Miclaus, M., Pisla, A., Chablat, D., Antal, T., Al Hajjar, N., Pisla, D. (2026). AI-Assisted accuracy assessment and calibration of the Athena surgical parallel robot. *New Trends in Mechanism and Machine Science EUCOMES 2026*.
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1. Vaida, C.; Zima, I.; Graur, F.; Gherman, B.; Bulbucan, V.; Tucan, P.; **Pusca, A.**; Zaharie, F.; Mougnot, P.; Pisla, A.; et al. Modeling of a 4-DOF Flexible Laparoscopic Instrument for Robot-Assisted Minimally Invasive Surgery. *Robotics* 2026, 15, 46. <https://doi.org/10.3390/robotics15020046>
2. **Pusca, A.**; Ciocan, R.; Gherman, B.; Ciocan, A.; Caprariu, A.; Al Hajjar, N.; Vaida, C.; Pisla, A.; Radu, C.; Cailean, A.; et al. Development and Experimental Evaluation of the Athena Parallel Robot for Minimally Invasive Pancreatic Surgery. *Robotics* 2026, 15, 33. <https://doi.org/10.3390/robotics15020033>.
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Semnătura