



Lista de lucrări publicate în reviste cu scor relativ de influență

Dogkas, Anargyros; **Vartolomei, Tudor**; *Proper elements of resonant systems*, Celestial Mechanics and Dynamical Astronomy, 138, 2, 16, 2026, Springer Netherlands Dordrecht (Toți autorii au contribuții egale)

Celletti, Alessandra; **Vartolomei, Tudor**; *Perturbative methods combined with Machine Learning techniques to cluster Space Debris*, Communications in Nonlinear Science and Numerical Simulation, 109215, 2025, Elsevier (Toți autorii au contribuții egale)

Celletti, Alessandra; **Vartolomei, Tudor**; *A dynamics based procedure for clustering and classifying space debris*, Scientific Reports, 15, 1, 17925, 2025, Nature Publishing Group UK London (Toți autorii au contribuții egale)

Apetrii, Marius; Celletti, Alessandra; Efthymiopoulos, Christos; Galeș, Cătălin; **Vartolomei, Tudor**; *Simulating a breakup event and propagating the orbits of space debris*, Celestial Mechanics and Dynamical Astronomy, 136, 5, 35, 2024, Springer (Toți autorii au contribuții egale)

Celletti, Alessandra; Dogkas, Anargyros; **Vartolomei, Tudor**; Dynamics of highly eccentric and highly inclined space debris, *Communications in Nonlinear Science and Numerical Simulation*, 127, 107556, 2023, Elsevier (Toți autorii au contribuții egale)

Celletti, Alessandra; **Vartolomei, Tudor**; *Old perturbative methods for a new problem in Celestial Mechanics: the space debris dynamics*, Bollettino dell'Unione Matematica Italiana, 16, 2, 411-428, 2023, Springer (Toți autorii au contribuții egale)

Celletti, Alessandra; Pucacco, Giuseppe; **Vartolomei, Tudor**; *Proper elements for space debris*, Celestial Mechanics and Dynamical Astronomy, 134, 2, 11, 2022, Springer (Toți autorii au contribuții egale)

Celletti, Alessandra; Pucacco, Giuseppe; **Vartolomei, Tudor**; *Reconnecting groups of space debris to their parent body through proper elements*, Scientific Reports, 11, 1, 22676, 2021, Nature Publishing Group UK London (Toți autorii au contribuții egale)

Lista de lucrări publicate în volumele conferințelor

Dogkas, Anargyros; **Vartolomei, Tudor**; *An Analytical Method for Resonant Proper Elements*, AAS/Division of Dynamical Astronomy Meeting, 55, 405.10, 2024

Dogkas, Anargyros; Celletti, Alessandra; Galeș, Catalin; **Vartolomei, Tudor**; *Secular evolution of debris in highly eccentric and inclined orbits*, AAS/Division of Dynamical Astronomy Meeting, 55, 5, 305.06, 2023

Celletti, Alessandra; Pucacco, Giuseppe; **Vartolomei, Tudor**; *Space debris families: from perturbative methods to machine learning techniques*, AAS/Division of Dynamical Astronomy Meeting, 55, 5, 305.05, 2023

Celletti, Alessandra; Pucacco, Giuseppe; **Vartolomei, Tudor**; *Back-tracing space debris using proper elements*, Proceedings of the International Astronomical Union, 15, S364, 134-139, 2019, Cambridge University Press

Data

Semnătura