

- Sorsa, Liisa-Ida et al. "Tomographic inversion of gravity gradient field for a synthetic Itokawa model". *Icarus*. 2020. 336. <https://doi.org/10.1016/j.icarus.2019.113425>
- Hanuš, J. et al. "The shape of (7) Iris as evidence of an ancient large impact?". *Astronomy and Astrophysics*. 2019. 624. <https://doi.org/10.1051/0004-6361/201834541>
- Fétick, R. J.L. et al. "Closing the gap between Earth-based and interplanetary mission observations: Vesta seen by VLT/SPHERE". *Astronomy and Astrophysics*. 2019. 623. <https://doi.org/10.1051/0004-6361/201834749>
- Carry, B. et al. "Homogeneous internal structure of CM-like asteroid (41) Daphne". *Astronomy and Astrophysics*. 2019. 623. <https://doi.org/10.1051/0004-6361/201833898>
- Bambach, Patrick et al. "DISCUS – The Deep Interior Scanning CubeSat mission to a rubble pile near-Earth asteroid". *Advances in Space Research*. 2018, 62(12). 3357-3368. <https://doi.org/10.1016/j.asr.2018.06.016>
- Viikinkoski, M. et al. "(16) Psyche: A mesosiderite-like asteroid?". *Astronomy and Astrophysics*. 2018. 619. <https://doi.org/10.1051/0004-6361/201834091>
- Vernazza, P. et al. "The impact crater at the origin of the Julia family detected with VLT/SPHERE?". *Astronomy and Astrophysics*. 2018. 618. <https://doi.org/10.1051/0004-6361/201833477>
- Cibulková, H. et al. "Distribution of shape elongations of main belt asteroids derived from Pan-STARRS1 photometry". *Astronomy and Astrophysics*. 2018. 611. <https://doi.org/10.1051/0004-6361/201731554>
- Bambach, Patrick et al. "What's inside a rubble pile asteroid? DiSCUS - A tomographic twin radar Cubesat to find out". *69th International Astronautical Congress, IAC 2018*. Proceedings of the International Astronautical Congress, IAC. 2018.
- Viikinkoski, M. et al. "Adaptive optics and lightcurve data of asteroids: Twenty shape models and information content analysis". *Astronomy and Astrophysics*. 2017. 607. <https://doi.org/10.1051/0004-6361/201731456>
- Marsset, M. et al. "3D shape of asteroid (6) Hebe from VLT/SPHERE imaging: Implications for the origin of ordinary H chondrites". *Astronomy and Astrophysics*. 2017. 604. <https://doi.org/10.1051/0004-6361/201731021>
- Li, Honglei et al. "Dynamic, data-driven processing of multispectral video streams". *IEEE Aerospace and Electronic Systems Magazine*. 2017, 32(7). 50-57. <https://doi.org/10.1109/MAES.2017.160132>
- Nortunen, H. et al. "Shape and spin distributions of asteroid populations from brightness variation estimates and large databases". *Astronomy and Astrophysics*. 2017. 601. <https://doi.org/10.1051/0004-6361/201629850>
- Hanuš, J. et al. "Volumes and bulk densities of forty asteroids from ADAM shape modeling". *Astronomy and Astrophysics*. 2017. 601. <https://doi.org/10.1051/0004-6361/201629956>
- Hanuš, J. et al. "Shape model of asteroid (130) Elektra from optical photometry and disk-resolved images from VLT/SPHERE and Nirc2/Keck". *Astronomy and Astrophysics*. 2017. 599. <https://doi.org/10.1051/0004-6361/201629592>
- Shepard, Michael K. et al. "Radar observations and shape model of asteroid 16 Psyche". *Icarus*. 2016, 281. 388-403. <https://doi.org/10.1016/j.icarus.2016.08.011>
- Viikinkoski, M. et al. "VLT/SPHERE- and ALMA-based shape reconstruction of asteroid (3) Juno". *Astronomy and Astrophysics*. 2015. 581. <https://doi.org/10.1051/0004-6361/201526626>

Viikinkoski, Matti, Mikko Kaasalainen and Josef Durech. "ADAM: A general method for using various data types in asteroid reconstruction". *Astronomy and Astrophysics*. 2015. 576. <https://doi.org/10.1051/0004-6361/201425259>

Balasis, Georgios et al. "Investigating dynamical complexity in the magnetosphere using various entropy measures". *JOURNAL OF GEOPHYSICAL RESEARCH: SPACE PHYSICS*. 2009. 114(6). <https://doi.org/10.1029/2008JA014035>