

Bibliography from ADS file: *zakharov.bib*
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- Fulle, M., Lazzarin, M., La Forgia, F., et al., “*Comets beyond 4 au: How pristine are Oort nuclei?*”, 2022MNRAS..513..5377F [ADS](#)
- Zakharov, V. V., Rotundi, A., Della Corte, V., et al., “*On the similarity of dust flows in the inner coma of comets*”, 2021Icar..36414476Z [ADS](#)
- Frattin, E., Bertini, I., Ivanovski, S. L., et al., “*Observational constraints to the dynamics of dust particles in the coma of comet 67P/Churyumov-Gerasimenko*”, 2021MNRAS..504..4687F [ADS](#)
- Zakharov, V. V., Rodionov, A. V., Fulle, M., et al., “*Practical relations for assessments of the gas coma parameters*”, 2021Icar..35414091Z [ADS](#)
- Muñoz, O., Moreno, F., Gómez-Martín, J. C., et al., “*Experimental Phase Function and Degree of Linear Polarization Curves of Millimeter-sized Cosmic Dust Analogs*”, 2020ApJS..247...19M [ADS](#)
- Moreno, F., Guirado, D., Muñoz, O., et al., “*Models of Rosetta/OSIRIS 67P Dust Coma Phase Function*”, 2018AJ....156..237M [ADS](#)
- Zakharov, V. V., Crifo, J. F., Rodionov, A. V., Rubin, M., & Altweig, K., “*The near-nucleus gas coma of comet 67P/Churyumov-Gerasimenko prior to the descent of the surface lander PHILAE*”, 2018A&A...618A..71Z [ADS](#)
- Zakharov, V. V., Ivanovski, S. L., Crifo, J. F., et al., “*Asymptotics for spherical particle motion in a spherically expanding flow*”, 2018Icar..312..121Z [ADS](#)
- Zakharov, V. V., Marzari, F., Crifo, J. F., et al., “*The Near-Nucleus Dusty Gas Coma of Comet 67P Prior to the Descent of PHILAE*”, 2017EPSC...11..683Z [ADS](#)
- Ivanovski, S. L., Zakharov, V. V., Della Corte, V., et al., “*Dynamics of aspherical dust grains in a cometary atmosphere: I. axially symmetric grains in a spherically symmetric atmosphere*”, 2017Icar..282..333I [ADS](#)
- Grün, E., Agarwal, J., Altobelli, N., et al., “*The 2016 Feb 19 outburst of comet 67P/CG: an ESA Rosetta multi-instrument study*”, 2016MNRAS..462S..220G [ADS](#)
- Zakharov, V. V., Crifo, J. F., Bockelée-Morvan, D., & Biver, N., “*3D numerical simulations of radiative transfer in the cometary coma*”, 2013EPSC...8..719Z [ADS](#)
- Zakharov, V. V., Crifo, J. F., & Rodionov, A. V., “*3D+ t Mathematical Simulation of the Dusty-Gas Cometary Atmosphere (Application to the Comet 103P/Hartley 2)*”, 2012epsc.conf..678Z [ADS](#)
- Ivanovski, S. L., Zakharov, V. V., Crifo, J. F., et al., “*Dynamics of aspherical dust for the GIADA experiment in the coma of 67P/Churyumov-Gerasimenko: I. Comparison with the spherical approximation*”, 2012epsc.conf..592I [ADS](#)
- Gicquel, A., Bockelée-Morvan, D., Zakharov, V. V., et al., “*Investigation of dust and water ice in comet 9P/Tempel 1 from Spitzer observations of the Deep Impact event*”, 2012A&A...542A..119G [ADS](#)
- Ivanovski, S. L., Zakharov, V. V., Crifo, J. F., et al., “*Model of Aspherical Dust Dynamics for GIADA Experiment in the Coma of 67P/Churyumov-Gerasimenko: I. Comparison with the Spherical Approximation*”, 2012LPICo1667..6444I [ADS](#)
- Zakharov, V. V., Crifo, J. F., & Rodionov, A. V., “*Mathematical Simulation of the 3D+ t Dusty-Gas Cometary Atmosphere of Comet 103P/Hartley 2*”, 2012LPICo1667..6401Z [ADS](#)
- Gicquel, A., Bockelée-Morvan, D., Zakharov, V. V., et al., “*Pure ice grains in the coma of 9P/Tempel 1 after Deep Impact*”, 2011epsc.conf..233G [ADS](#)
- Zakharov, V. V., Rodionov, A. V., Crifo, J. F., & Fulle, M., “*A numerical study of the dusty-gas atmosphere of comet 67P/Churyumov-Gerasimenko*”, 2011epsc.conf..126Z [ADS](#)
- Zakharov, V. V., Rodionov, A. V., Lukianov, G. A., & Crifo, J. F., “*Monte-Carlo and multifluid modelling of the circumnuclear dust coma II. Aspherical-homogeneous, and spherical-inhomogeneous nuclei*”, 2009Icar..201..358Z [ADS](#)
- Zakharov, V. V., Rodionov, A. V., Lukyanov, G. A., & Crifo, J. F., “*Navier Stokes and direct Monte-Carlo simulations of the circumnuclear gas coma. III. Spherical, inhomogeneous sources*”, 2008Icar..194..327Z [ADS](#)
- Zakharov, V. V., Crifo, J. F., Lukianov, G. A., & Rodionov, A. V., “*Monte-Carlo Modelling of the Circumnuclear Dust Coma: Benchmark Aspherical-Homogeneous and Spherical-Inhomogeneous Nuclei*”, 2008LPICo1405..8148Z [ADS](#)
- Zakharov, V. V., Bockelée-Morvan, D., Biver, N., et al., “*Numerical Simulations of Water Spectra Obtained with the Microwave Instrument for the Rosetta Orbiter (MIRO) from Comet 67P/Churyumov-Gerasimenko*”, 2008LPICo1405..8144Z [ADS](#)
- Zakharov, V. V., Gandorfer, A., & Solanki, S. K., “*High-resolution CN spectroscopy of small-scale solar magnetic features*”, 2007msfa.conf..161Z [ADS](#)