Luiz Arthur Gagg Filho

List of Publications by Year
in descending order

9 papers	31 citations	2258059 3 h-index	1872680 6 g-index
9 all docs	9 docs citations	9 times ranked	19 citing authors

#	Article	IF	Citations
1	Optimal round trip lunar missions based on the patched-conic approximation. Computational and Applied Mathematics, 2016, 35, 753-787.	1.3	9
2	A study of the influence of the sun on optimal two-impulse Earth-to-Moon trajectories with moderate time of flight in the three-body and four-body models. Acta Astronautica, 2017, 134, 197-220.	3.2	9
3	Minimum fuel trajectories for round trip lunar missions. Computational and Applied Mathematics, 2018, 37, 3608-3656.	1.3	3
4	A lunar flyby for a tridimensional Earth-to-Earth mission. Acta Astronautica, 2018, 151, 228-242.	3.2	3
5	A method based on Jacobi Integral variational equation for computing Earth-Moon trajectories in the four-body problem. Acta Astronautica, 2019, 165, 312-330.	3.2	3
6	Interplanetary patched-conic approximation with an intermediary swing-by maneuver with the moon. Computational and Applied Mathematics, 2018, 37, 27-54.	1.3	2
7	A study of Earth–Moon trajectories based on analytical expressions for the velocity increments. Computational and Applied Mathematics, 2018, 37, 338-364.	1.3	1
8	Optimal Earth–Moon trajectories in elliptic models: part 1 round-trip missions. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2021, 43, 1.	1.6	1
9	Optimal earth–moon trajectories in elliptic models: part 2 transfer between elliptic low earth orbit to elliptic low moon orbit. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2022, 44, .	1.6	0