

# Abolfazl Shirazi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8734769/publications.pdf>

Version: 2024-02-01

12  
papers

175  
citations

1478280

6  
h-index

1474057

9  
g-index

12  
all docs

12  
docs citations

12  
times ranked

131  
citing authors

#	ARTICLE	IF	CITATIONS
1	Simulation Framework for Orbit Propagation and Space Trajectory Visualization. IEEE Aerospace and Electronic Systems Magazine, 2021, 36, 4-20.	2.3	1
2	An evolutionary discretized Lambert approach for optimal long-range rendezvous considering impulse limit. Aerospace Science and Technology, 2019, 94, 105400.	2.5	11
3	Spacecraft trajectory optimization: A review of models, objectives, approaches and solutions. Progress in Aerospace Sciences, 2018, 102, 76-98.	6.3	99
4	Multi-objective optimization of orbit transfer trajectory using imperialist competitive algorithm. , 2017, , .		2
5	Analysis of a hybrid genetic simulated annealing strategy applied in multi-objective optimization of orbital maneuvers. IEEE Aerospace and Electronic Systems Magazine, 2017, 32, 6-22.	2.3	14
6	Evolutionary algorithms to optimize low-thrust trajectory design in spacecraft orbital precession mission. , 2017, , .		1
7	Trajectory optimization of spacecraft high-thrust orbit transfer using a modified evolutionary algorithm. Engineering Optimization, 2016, 48, 1639-1657.	1.5	10
8	Design and performance simulation of a satellite momentum exchange actuator. Australian Journal of Mechanical Engineering, 2016, 14, 1-9.	1.5	4
9	Mathematical modeling of spacecraft guidance and control system in 3D space orbit transfer mission. Computational and Applied Mathematics, 2016, 35, 865-879.	1.3	6
10	Attitude estimation and sensor identification utilizing nonlinear filters based on a low-cost MEMS magnetometer and sun sensor. IEEE Aerospace and Electronic Systems Magazine, 2015, 30, 20-33.	2.3	14
11	Pyramidal reaction wheel arrangement optimization of satellite attitude control subsystem for minimizing power consumption. International Journal of Aeronautical and Space Sciences, 2014, 15, 190-198.	1.0	11
12	Software Development for Satellite Thermal Design. Applied Mechanics and Materials, 0, 390, 703-707.	0.2	2