

# Meng Yu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11149276/publications.pdf>

Version: 2024-02-01

8  
papers

115  
citations

1478505  
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1720034  
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docs citations

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times ranked

89  
citing authors

#	ARTICLE	IF	CITATIONS
1	A new approach based on crater detection and matching for visual navigation in planetary landing. <i>Advances in Space Research</i> , 2014, 53, 1810-1821.	2.6	57
2	A novel crater recognition based visual navigation approach for asteroid precise pin-point landing. <i>Aerospace Science and Technology</i> , 2017, 70, 1-9.	4.8	18
3	Robust hazard matching approach for visual navigation application in planetary landing. <i>Aerospace Science and Technology</i> , 2015, 47, 378-387.	4.8	10
4	Database construction for vision aided navigation in planetary landing. <i>Acta Astronautica</i> , 2017, 140, 235-246.	3.2	10
5	Single crater-aided inertial navigation for autonomous asteroid landing. <i>Advances in Space Research</i> , 2019, 63, 1085-1099.	2.6	9
6	Crater Edge-based Flexible Autonomous Navigation for Planetary Landing. <i>Journal of Navigation</i> , 2019, 72, 649-668.	1.7	6
7	A novel inertial-aided feature detection model for autonomous navigation in planetary landing. <i>Acta Astronautica</i> , 2018, 152, 667-681.	3.2	5
8	A novel 3D feature detection and matching approach for autonomous planetary landing mission. <i>Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering</i> , 2019, 233, 2241-2249.	1.3	0