

Matthew Holman

List of Publications by Year in descending order

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7
papers

1,752
citations

1307594

7
h-index

1720034

7
g-index

7
all docs

7
docs citations

7
times ranked

1532
citing authors

#	ARTICLE	IF	CITATIONS
1	Symplectic maps for the n-body problem. <i>Astronomical Journal</i> , 1991, 102, 1528.	4.7	986
2	Chaotic variations in the eccentricity of the planet orbiting 16 Cygni B. <i>Nature</i> , 1997, 386, 254-256.	27.8	356
3	The Pan-STARRS Moving Object Processing System. <i>Publications of the Astronomical Society of the Pacific</i> , 2013, 125, 357-395.	3.1	124
4	Symplectic maps for the n-body problem - Stability analysis. <i>Astronomical Journal</i> , 1992, 104, 2022.	4.7	84
5	On the asteroid belt's orbital and size distribution. <i>Icarus</i> , 2009, 202, 104-118.	2.5	83
6	Dynamical Chaos in the Wisdom-Holman Integrator: Origins and Solutions. <i>Astronomical Journal</i> , 1999, 117, 1087-1102.	4.7	77
7	Long-Term Dynamics and the Orbital Inclinations of the Classical Kuiper Belt Objects. <i>Astronomical Journal</i> , 2002, 124, 1221-1230.	4.7	42