

Duokui Yan

List of Publications by Year in descending order

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21
papers

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1478505

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1281871

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22
all docs

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docs citations

22
times ranked

27
citing authors

#	ARTICLE	IF	CITATIONS
1	Geometric properties of minimizers in the planar three-body problem with two equal masses. <i>Calculus of Variations and Partial Differential Equations</i> , 2022, 61, 1.	1.7	0
2	Exclusion of quadruple collisions in minimizers of the planar equal-mass N-body problem. <i>Journal of Differential Equations</i> , 2021, 287, 113-147.	2.2	0
3	A Symmetric Spatial Periodic Orbit in the 2n-Body Problem. <i>Journal of Dynamics and Differential Equations</i> , 2020, , 1.	1.9	0
4	The Broucke-Hill non orbit and the Schubart orbit in the planar three-body problem with two equal masses. <i>Nonlinearity</i> , 2019, 32, 4639-4664.	1.4	4
5	Action minimizers under topological constraints in the planar equal-mass four-body problem. <i>Journal of Differential Equations</i> , 2018, 264, 4764-4805.	2.2	0
6	Existence of Prograde Double-Double Orbits in the Equal-Mass Four-Body Problem. <i>Advanced Nonlinear Studies</i> , 2018, 18, 819-843.	1.7	2
7	New periodic orbits in the planar equal-mass three-body problem. <i>Discrete and Continuous Dynamical Systems</i> , 2018, 38, 2187-2206.	0.9	1
8	New periodic orbits in the planar equal-mass five-body problem. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2017, 48, 425-438.	3.3	6
9	Multiple Periodic Orbits Connecting a Collinear Configuration and a Double Isosceles Configuration in the Planar Equal-Mass Four-Body Problem. <i>Advanced Nonlinear Studies</i> , 2017, 17, 819-835.	1.7	4
10	Variational properties and linear stabilities of spatial isosceles orbits in the equal-mass three-body problem. <i>Discrete and Continuous Dynamical Systems</i> , 2017, 37, 3989-4018.	0.9	0
11	Linear stability of double-double orbits in the parallelogram four-body problem. <i>Journal of Mathematical Analysis and Applications</i> , 2016, 433, 785-802.	1.0	1
12	Linear stability of the criss-cross orbit in the equal-mass three-body problem. <i>Discrete and Continuous Dynamical Systems</i> , 2016, 36, 5971-5991.	0.9	2
13	New Phenomena in the Spatial Isosceles Three-Body Problem with Unequal Masses. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2015, 25, 1550169.	1.7	5
14	New Phenomena in the Spatial Isosceles Three-Body Problem. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2015, 25, 1550116.	1.7	6
15	Periodic solutions with singularities in two dimensions in the n -body problem. <i>Rocky Mountain Journal of Mathematics</i> , 2012, 42, .	0.4	7
16	Existence and linear stability of the rhomboidal periodic orbit in the planar equal mass four-body problem. <i>Journal of Mathematical Analysis and Applications</i> , 2012, 388, 942-951.	1.0	17
17	Existence of the Broucke periodic orbit and its linear stability. <i>Journal of Mathematical Analysis and Applications</i> , 2012, 389, 656-664.	1.0	8
18	A simple existence proof of Schubart periodic orbit with arbitrary masses. <i>Frontiers of Mathematics in China</i> , 2012, 7, 145-160.	0.7	2

#	ARTICLE	IF	CITATIONS
19	Periodic solutions with alternating singularities in the collinear four-body problem. <i>Celestial Mechanics and Dynamical Astronomy</i> , 2011, 109, 229-239.	1.4	16
20	Existence and stability of symmetric periodic simultaneous binary collision orbits in the planar pairwise symmetric four-body problem. <i>Celestial Mechanics and Dynamical Astronomy</i> , 2011, 110, 271-290.	1.4	15
21	Linear stability for some symmetric periodic simultaneous binary collision orbits in the four-body problem. <i>Celestial Mechanics and Dynamical Astronomy</i> , 2010, 108, 147-164.	1.4	21