

# Enrico Gerlach

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6956853/publications.pdf>

Version: 2024-02-01

14  
papers

4,132  
citations

933264

10  
h-index

1125617

13  
g-index

14  
all docs

14  
docs citations

14  
times ranked

4149  
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Gaia</i> Early Data Release 3. Astronomy and Astrophysics, 2021, 649, A1.	2.1	2,429
2	<i>Gaia</i> Early Data Release 3. Astronomy and Astrophysics, 2021, 649, A2.	2.1	647
3	<i>Gaia</i> Early Data Release 3. Astronomy and Astrophysics, 2021, 649, A4.	2.1	525
4	<i>Gaia</i> Early Data Release 3. Astronomy and Astrophysics, 2021, 649, A6.	2.1	175
5	<i>Gaia</i> Early Data Release 3. Astronomy and Astrophysics, 2021, 649, A7.	2.1	84
6	<i>Gaia</i> Early Data Release 3. Astronomy and Astrophysics, 2021, 649, A8.	2.1	60
7	Numerical integration of variational equations. Physical Review E, 2010, 82, 036704.	0.8	58
8	<i>Gaia</i> Early Data Release 3. Astronomy and Astrophysics, 2021, 649, A9.	2.1	55
9	EFFICIENT INTEGRATION OF THE VARIATIONAL EQUATIONS OF MULTIDIMENSIONAL HAMILTONIAN SYSTEMS: APPLICATION TO THE FERMIâ€PASTAâ€ULAM LATTICE. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2012, 22, 1250216.	0.7	35
10	Can GJ 876 host four planets in resonance?. Celestial Mechanics and Dynamical Astronomy, 2012, 113, 35-47.	0.5	29
11	High order three part split symplectic integrators: Efficient techniques for the long time simulation of the disordered discrete nonlinear SchrÃdinger equation. Physics Letters, Section A: General, Atomic and Solid State Physics, 2014, 378, 1809-1815.	0.9	21
12	On the symplectic integration of the discrete nonlinear SchrÃdinger equation with disorder. European Physical Journal: Special Topics, 2016, 225, 1103-1114.	1.2	8
13	Chaotic dynamics of graphene and graphene nanoribbons. Chaos, 2020, 30, 063150.	1.0	6
14	Secular evolution of exoplanetary systems and close encounters. Proceedings of the International Astronomical Union, 2007, 3, 479-484.	0.0	0