

# Gilles Ferrand

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

420  
citations

1040056

9  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

899  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Double Detonation of a Double-degenerate System, from Type Ia Supernova Explosion to its Supernova Remnant. <i>Astrophysical Journal</i> , 2022, 930, 92.	4.5	8
2	From Supernova to Supernova Remnant: Comparison of Thermonuclear Explosion Models. <i>Astrophysical Journal</i> , 2021, 906, 93.	4.5	17
3	Matter Mixing in Aspherical Core-collapse Supernovae: Three-dimensional Simulations with Single-star and Binary Merger Progenitor Models for SN 1987A. <i>Astrophysical Journal</i> , 2020, 888, 111.	4.5	37
4	Modeling and simulations of supernova remnants: A short review focused on recent progress in morphological studies. <i>Astronomische Nachrichten</i> , 2020, 341, 143-149.	1.2	1
5	Multi-scale simulations of particle acceleration in astrophysical systems. <i>Living Reviews in Solar Physics</i> , 2020, 6, 1.	11.4	45
6	From Supernova to Supernova Remnant: The Three-dimensional Imprint of a Thermonuclear Explosion. <i>Astrophysical Journal</i> , 2019, 877, 136.	4.5	37
7	COSMIC RAY ACCELERATION AT PERPENDICULAR SHOCKS IN SUPERNOVA REMNANTS. <i>Astrophysical Journal</i> , 2014, 792, 133.	4.5	41
8	AN XMM-NEWTON STUDY OF THE MIXED-MORPHOLOGY SUPERNOVA REMNANT W28 (G6.4+0.1). <i>Astrophysical Journal</i> , 2014, 791, 87.	4.5	25
9	THREE-DIMENSIONAL SIMULATIONS OF THE NON-THERMAL BROADBAND EMISSION FROM YOUNG SUPERNOVA REMNANTS INCLUDING EFFICIENT PARTICLE ACCELERATION. <i>Astrophysical Journal</i> , 2014, 789, 49.	4.5	20
10	THREE-DIMENSIONAL SIMULATIONS OF THE THERMAL X-RAY EMISSION FROM YOUNG SUPERNOVA REMNANTS INCLUDING EFFICIENT PARTICLE ACCELERATION. <i>Astrophysical Journal</i> , 2012, 760, 34.	4.5	18
11	A census of high-energy observations of Galactic supernova remnants. <i>Advances in Space Research</i> , 2012, 49, 1313-1319.	2.6	162
12	MARCOS, a numerical tool for the simulation of multiple time-dependent non-linear diffusive shock acceleration. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 383, 41-56.	4.4	9