Gilles Ferrand

List of Publications by Year
in descending order

12	420	1040056 9	1199594 12
papers	citations	h-index	g-index

12	12	12	899
all docs	docs citations	times ranked	citing authors

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