Vanessa Graber

List of Publications by Year
in descending order

13	284	1163117 8	1199594 12
papers	citations	h-index	g-index

13	13	13	323
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Rotational evolution of the Vela pulsar during the 2016 glitch. Nature Astronomy, 2019, 3, 1143-1148.	10.1	58
2	Magnetic field evolution in superconducting neutron stars. Monthly Notices of the Royal Astronomical Society, 2015, 453, 671-681.	4.4	51
3	Neutron stars in the laboratory. International Journal of Modern Physics D, 2017, 26, 1730015.	2.1	42
4	A Very Young Radio-loud Magnetar. Astrophysical Journal Letters, 2020, 896, L30.	8.3	36
5	Glitch Rises as a Test for Rapid Superfluid Coupling in Neutron Stars. Astrophysical Journal, 2018, 865, 23.	4.5	34
6	Magneto-thermal evolution of neutron stars with coupled Ohmic, Hall and ambipolar effects via accurate finite-volume simulations. Computer Physics Communications, 2021, 265, 108001.	7.5	26
7	Superconducting Phases in Neutron Star Cores. Universe, 2022, 8, 228.	2.5	11
8	Discovery of PSR J0523-7125 as a Circularly Polarized Variable Radio Source in the Large Magellanic Cloud. Astrophysical Journal, 2022, 930, 38.	4.5	10
9	Dynamical onset of superconductivity and retention of magnetic fields in cooling neutron stars. Physical Review C, 2017, 96, .	2.9	7
10	Optimal thickness of rectangular superconducting microtraps for cold atomic gases. Physical Review A, 2012, 86, .	2.5	5
11	Analyzing the Galactic Pulsar Distribution with Machine Learning. Astrophysical Journal, 2021, 916, 100.	4.5	3
12	Fluxtube dynamics in neutron star cores. Astronomische Nachrichten, 2017, 338, 1090-1093.	1.2	1
13	Onset of superconductivity and retention of magnetic fields in cooling neutron stars. Proceedings of the International Astronomical Union, 2017, 13, 213-216.	0.0	0