Javier Roulet

List of Publications by Year
in descending order

14 papers	858 citations	840776 11 h-index	1125743 13 g-index
14 all docs	14 docs citations	14 times ranked	935 citing authors

#	Article	IF	Citations
1	Signs of higher multipoles and orbital precession in GW151226. Physical Review D, 2022, 106, .	4.7	10
2	Detecting gravitational waves with disparate detector responses: Two new binary black hole mergers. Physical Review D, 2021, 104, .	4.7	57
3	Detecting gravitational waves in data with non-stationary and non-Gaussian noise. Physical Review D, 2021, 104, .	4.7	28
4	Distribution of effective spins and masses of binary black holes from the LIGO and Virgo O1–O3a observing runs. Physical Review D, 2021, 104, .	4.7	70
5	Mapping the likelihood of GW190521 with diverse mass and spin priors. Physical Review D, 2021, 104, .	4.7	11
6	Source properties of the lowest signal-to-noise-ratio binary black hole detections. Physical Review D, 2020, 102, .	4.7	18
7	New binary black hole mergers in the second observing run of Advanced LIGO and Advanced Virgo. Physical Review D, 2020, 101, .	4.7	225
8	Binary black hole mergers from LIGO/Virgo O1 and O2: Population inference combining confident and marginal events. Physical Review D, 2020, 102, .	4.7	44
9	New search pipeline for compact binary mergers: Results for binary black holes in the first observing run of Advanced LIGO. Physical Review D, 2019, 100, .	4.7	121
10	Highly spinning and aligned binary black hole merger in the Advanced LIGO first observing run. Physical Review D, 2019, 100, .	4.7	149
11	Constraints on binary black hole populations from LIGO–Virgo detections. Monthly Notices of the Royal Astronomical Society, 2019, 484, 4216-4229.	4.4	90
12	Template bank for compact binary coalescence searches in gravitational wave data: A general geometric placement algorithm. Physical Review D, 2019, 99, .	4.7	20
13	A Diagrammatic Representation of Phase Portraits and Bifurcation Diagrams of Two-Dimensional Dynamical Systems. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2017, 27, 1730045.	1.7	0
14	Average activity of excitatory and inhibitory neural populations. Chaos, 2016, 26, 093104.	2.5	15