

Nathan K Johnson-Mcdaniel

List of Publications by Year in descending order

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13
papers

665
citations

840776

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1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

1057
citing authors

#	ARTICLE	IF	CITATIONS
1	Maximum elastic deformations of relativistic stars. <i>Physical Review D</i> , 2013, 88, .	4.7	135
2	Improving the NRTidal model for binary neutron star systems. <i>Physical Review D</i> , 2019, 100, .	4.7	119
3	Binary neutron stars with generic spin, eccentricity, mass ratio, and compactness: Quasi-equilibrium sequences and first evolutions. <i>Physical Review D</i> , 2015, 92, .	4.7	85
4	Testing general relativity using golden black-hole binaries. <i>Physical Review D</i> , 2016, 94, .	4.7	80
5	Testing general relativity using gravitational wave signals from the inspiral, merger and ringdown of binary black holes. <i>Classical and Quantum Gravity</i> , 2018, 35, 014002.	4.0	72
6	Conformally curved binary black hole initial data including tidal deformations and outgoing radiation. <i>Physical Review D</i> , 2009, 80, .	4.7	49
7	Constraining black hole mimickers with gravitational wave observations. <i>Physical Review D</i> , 2020, 102, .	4.7	27
8	Distinguishing high-mass binary neutron stars from binary black holes with second- and third-generation gravitational wave observatories. <i>Physical Review D</i> , 2020, 101, .	4.7	27
9	Constraints on Kerr-Newman black holes from merger-ringdown gravitational-wave observations. <i>Physical Review D</i> , 2022, 105, .	4.7	21
10	Shortcomings of Shapiro delay-based tests of the equivalence principle on cosmological scales. <i>Physical Review D</i> , 2019, 100, .	4.7	17
11	Investigating the relation between gravitational wave tests of general relativity. <i>Physical Review D</i> , 2022, 105, .	4.7	13
12	Inferring spin tilts at formation from gravitational wave observations of binary black holes: Interfacing precession-averaged and orbit-averaged spin evolution. <i>Physical Review D</i> , 2022, 106, .	4.7	11
13	Shear modulus of the hadron-quark mixed phase. <i>Physical Review D</i> , 2012, 86, .	4.7	9