

# Sayak Datta

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4681140/publications.pdf>

Version: 2024-02-01

10  
papers

202  
citations

1040056

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h-index

1281871

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11  
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11  
docs citations

11  
times ranked

305  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tidal heating as a discriminator for horizons in extreme mass ratio inspirals. Physical Review D, 2020, 101, .	4.7	48
2	Probing the nature of central objects in extreme-mass-ratio inspirals with gravitational waves. Physical Review D, 2019, 99, .	4.7	37
3	First joint observation by the underground gravitational-wave detector KAGRA with GEO 600. Progress of Theoretical and Experimental Physics, 2022, 2022, .	6.6	20
4	Relativistic tidal properties of superfluid neutron stars. Physical Review D, 2018, 98, .	4.7	16
5	Recognizing black holes in gravitational-wave observations: Challenges in telling apart impostors in mass-gap binaries. Physical Review D, 2021, 104, .	4.7	13
6	Tidal heating of black holes and exotic compact objects on the brane. Physical Review D, 2021, 104, .	4.7	12
7	Quasi-normal modes of static spherically symmetric black holes in $f(R)$ theory. European Physical Journal C, 2020, 80, 1.	3.9	11
8	Possible connection between the reflection symmetry and existence of equatorial circular orbit. Physical Review D, 2021, 103, .	4.7	9
9	Imprint of black hole area quantization and Hawking radiation on inspiraling binary. Physical Review D, 2021, 104, .	4.7	9
10	Effect of superfluid matter of a neutron star on the tidal deformability. Physical Review D, 2020, 101, .	4.7	8