

# Hiroataka Takahashi

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

130  
citations

1307594

7  
h-index

1281871

11  
g-index

25  
all docs

25  
docs citations

25  
times ranked

249  
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance of the KAGRA detector during the first joint observation with GEO600 (O3GK). Progress of Theoretical and Experimental Physics, 2023, 2023, .	6.6	4
2	Inattentive Driving Detection Using Body-Worn Sensors: Feasibility Study. Sensors, 2022, 22, 352.	3.8	2
3	Theoretical Analysis of the SIRVVD Model for Insights Into the Target Rate of COVID-19/SARS-CoV-2 Vaccination in Japan. IEEE Access, 2022, 10, 43044-43054.	4.2	2
4	First joint observation by the underground gravitational-wave detector KAGRA with GEO 600. Progress of Theoretical and Experimental Physics, 2022, 2022, .	6.6	20
5	Driver Activity Recognition Using Wrist-Worn Acceleration Sensors. Journal of Japan Society for Fuzzy Theory and Intelligent Informatics, 2022, 34, 544-549.	0.0	0
6	Localization of gravitational waves using machine learning. Physical Review D, 2022, 105, .	4.7	3
7	Multiagent Simulation Approach to Pedestrian Laminar Flow With Group Walking Models. IEEE Access, 2021, 9, 6907-6920.	4.2	0
8	Toward Personal Authentication Using Gesture Classification with EMG Data. Journal of Japan Society for Fuzzy Theory and Intelligent Informatics, 2021, 33, 549-554.	0.0	1
9	Effectiveness of the COVID-19 Contact-Confirming Application Incorporating Secondary Indirect Contact Notification Function on Decreasing the Number of Infectors. Journal of Japan Society for Fuzzy Theory and Intelligent Informatics, 2021, 33, 697-710.	0.0	0
10	Application of the Hilbert-Huang transform for analyzing standing-accretion-shock-instability induced gravitational waves in a core-collapse supernova. Physical Review D, 2021, 104, .	4.7	6
11	SIRVVD model-based verification of the effect of first and second doses of COVID-19/SARS-CoV-2 vaccination in Japan. Mathematical Biosciences and Engineering, 2021, 19, 1026-1040.	1.9	8
12	SIR model-based verification of effect of COVID-19 Contact-Confirming Application (COCO) on reducing infectors in Japan. Mathematical Biosciences and Engineering, 2021, 18, 6506-6526.	1.9	2
13	Black hole spectroscopy for KAGRA future prospect in O5. Physical Review D, 2020, 102, .	4.7	7
14	System for Supporting Swimmer by Using Single Inertial Sensor: Development of Prototype and its Evaluation. Journal of Japan Society for Fuzzy Theory and Intelligent Informatics, 2020, 32, 544-549.	0.0	0
15	A Prediction Method for Viral Disease Outbreak Using a Multi-Agent Simulation Including Capacity Limitation for Isolation Wards and Stay-at-Home Orders. Journal of Japan Society for Fuzzy Theory and Intelligent Informatics, 2020, 32, 998-1007.	0.0	1
16	Comparison of various methods to extract ringdown frequency from gravitational wave data. Physical Review D, 2019, 99, .	4.7	32
17	A time-frequency analysis of gravitational wave signals with non-harmonic analysis. Progress of Theoretical and Experimental Physics, 2019, 2019, .	6.6	4
18	Toward Extraction of Individual Characteristics from the Inertial Sensors data of Walking Motion by Singular Value Decomposition. Journal of Japan Society for Fuzzy Theory and Intelligent Informatics, 2019, 31, 603-607.	0.0	0

#	ARTICLE	IF	CITATIONS
19	Estimation Method of Turn Section During Swimming by Using Ensemble Learning and Single Inertial Sensor. Journal of Japan Society for Fuzzy Theory and Intelligent Informatics, 2019, 31, 597-602.	0.0	0
20	Estimation of starting times of quasinormal modes in ringdown gravitational waves with the Hilbert-Huang transform. Physical Review D, 2017, 96, .	4.7	13
21	Study on relation between level of understanding and difficulty of problem by network visualization of questionnaire for active learning class in basic mathematics training for electrical engineering. , 2017, , .		0
22	Comparative study of passive and active learning classes in basic mathematics training for electrical engineering. , 2016, , .		1
23	Analysis of gravitational waves from binary neutron star merger by Hilbert-Huang transform. Physical Review D, 2016, 93, .	4.7	11
24	ON INVESTIGATING EMD PARAMETERS TO SEARCH FOR GRAVITATIONAL WAVES. Advances in Adaptive Data Analysis, 2013, 05, 1350010.	0.6	10
25	Gravitational Wave Physics and Astronomy in the nascent era. Progress of Theoretical and Experimental Physics, 0, , .	6.6	3