

# Andrea Chincarini

## List of Publications by Year in descending order

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295  
papers

65,311  
citations

4641

85  
h-index

693

253  
g-index

305  
all docs

305  
docs citations

305  
times ranked

19771  
citing authors

#	ARTICLE	IF	CITATIONS
1	A 3D deep learning model to predict the diagnosis of dementia with Lewy bodies, Alzheimer's disease, and mild cognitive impairment using brain 18F-FDG PET. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 563-584.	3.3	41
2	Added value of semiquantitative analysis of brain FDG-PET for the differentiation between MCI-Lewy bodies and MCI due to Alzheimer's disease. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 1263-1274.	3.3	12
3	Search for intermediate-mass black hole binaries in the third observing run of Advanced LIGO and Advanced Virgo. <i>Astronomy and Astrophysics</i> , 2022, 659, A84.	2.1	32
4	Search for continuous gravitational waves from 20 accreting millisecond x-ray pulsars in O3 LIGO data. <i>Physical Review D</i> , 2022, 105, .	1.6	31
5	Calibration of advanced Virgo and reconstruction of the detector strain $h(t)$ during the observing run O3. <i>Classical and Quantum Gravity</i> , 2022, 39, 045006.	1.5	20
6	Can electrons neutralize the electrostatic charge on test mass mirrors in gravitational wave detectors?. <i>Physical Review D</i> , 2022, 105, .	1.6	0
7	Constraints on dark photon dark matter using data from LIGO's and Virgo's third observing run. <i>Physical Review D</i> , 2022, 105, .	1.6	27
8	Search for Gravitational Waves Associated with Gamma-Ray Bursts Detected by Fermi and Swift during the LIGO-Virgo Run O3b. <i>Astrophysical Journal</i> , 2022, 928, 186.	1.6	15
9	First joint observation by the underground gravitational-wave detector KAGRA with GEO 600. <i>Progress of Theoretical and Experimental Physics</i> , 2022, 2022, .	1.8	20
10	Search of the early O3 LIGO data for continuous gravitational waves from the Cassiopeia A and Vela Jr. supernova remnants. <i>Physical Review D</i> , 2022, 105, .	1.6	21
11	Exploring the brain metabolic correlates of process-specific CSF biomarkers in patients with MCI due to Alzheimer's disease: preliminary data. <i>Neurobiology of Aging</i> , 2022, 117, 212-221.	1.5	4
12	A comparison of advanced semi-quantitative amyloid PET analysis methods. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 4097-4108.	3.3	4
13	All-sky, all-frequency directional search for persistent gravitational waves from Advanced LIGO's and Advanced Virgo's first three observing runs. <i>Physical Review D</i> , 2022, 105, .	1.6	18
14	Narrowband Searches for Continuous and Long-duration Transient Gravitational Waves from Known Pulsars in the LIGO-Virgo Third Observing Run. <i>Astrophysical Journal</i> , 2022, 932, 133.	1.6	33
15	Dopaminergic imaging and clinical predictors for phenoconversion of REM sleep behaviour disorder. <i>Brain</i> , 2021, 144, 278-287.	3.7	68
16	Validation of FDG-PET datasets of normal controls for the extraction of SPM-based brain metabolism maps. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 2486-2499.	3.3	21
17	Associations among education, age, and the dementia with Lewy bodies (DLB) metabolic pattern: A European DLB consortium project. <i>Alzheimer's and Dementia</i> , 2021, 17, 1277-1286.	0.4	5
18	A Gravitational-wave Measurement of the Hubble Constant Following the Second Observing Run of Advanced LIGO and Virgo. <i>Astrophysical Journal</i> , 2021, 909, 218.	1.6	144

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19	The fate of patients with REM sleep behavior disorder and mild cognitive impairment. <i>Sleep Medicine</i> , 2021, 79, 205-210.	0.8	19
20	All-sky search in early O3 LIGO data for continuous gravitational-wave signals from unknown neutron stars in binary systems. <i>Physical Review D</i> , 2021, 103, .	1.6	43
21	Probing the Role of a Regional Quantitative Assessment of Amyloid PET. <i>Journal of Alzheimer's Disease</i> , 2021, 80, 383-396.	1.2	3
22	Diving below the Spin-down Limit: Constraints on Gravitational Waves from the Energetic Young Pulsar PSR J0537-6910. <i>Astrophysical Journal Letters</i> , 2021, 913, L27.	3.0	32
23	Population Properties of Compact Objects from the Second LIGO–Virgo Gravitational-Wave Transient Catalog. <i>Astrophysical Journal Letters</i> , 2021, 913, L7.	3.0	514
24	Observation of Gravitational Waves from Two Neutron Star–Black Hole Coalescences. <i>Astrophysical Journal Letters</i> , 2021, 915, L5.	3.0	453
25	Tests of general relativity with binary black holes from the second LIGO-Virgo gravitational-wave transient catalog. <i>Physical Review D</i> , 2021, 103, .	1.6	338
26	Constraints on Cosmic Strings Using Data from the Third Advanced LIGO–Virgo Observing Run. <i>Physical Review Letters</i> , 2021, 126, 241102.	2.9	87
27	Amyloid PET in the diagnostic workup of neurodegenerative disease. <i>Clinical and Translational Imaging</i> , 2021, 9, 383-397.	1.1	1
28	GWTC-2: Compact Binary Coalescences Observed by LIGO and Virgo during the First Half of the Third Observing Run. <i>Physical Review X</i> , 2021, 11, .	2.8	1,097
29	Upper limits on the isotropic gravitational-wave background from Advanced LIGO and Advanced Virgo’s third observing run. <i>Physical Review D</i> , 2021, 104, .	1.6	192
30	Search for anisotropic gravitational-wave backgrounds using data from Advanced LIGO and Advanced Virgo’s first three observing runs. <i>Physical Review D</i> , 2021, 104, .	1.6	62
31	Search for Gravitational Waves Associated with Gamma-Ray Bursts Detected by Fermi and Swift during the LIGO–Virgo Run O3a. <i>Astrophysical Journal</i> , 2021, 915, 86.	1.6	20
32	Accuracy of FDG-PET at the individual level in MCI-LB versus MCI-AD: A stepwise approach from visual to semi-quantitative analysis. <i>Journal of the Neurological Sciences</i> , 2021, 429, 117830.	0.3	0
33	All-sky search for continuous gravitational waves from isolated neutron stars in the early O3 LIGO data. <i>Physical Review D</i> , 2021, 104, .	1.6	42
34	Searches for Continuous Gravitational Waves from Young Supernova Remnants in the Early Third Observing Run of Advanced LIGO and Virgo. <i>Astrophysical Journal</i> , 2021, 921, 80.	1.6	39
35	Neuroimaging Findings in Mild Cognitive Impairment. , 2021, , 367-425.		1
36	Constraints from LIGO O3 Data on Gravitational-wave Emission Due to R-modes in the Glitching Pulsar PSR J0537–6910. <i>Astrophysical Journal</i> , 2021, 922, 71.	1.6	29

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37	All-sky search for long-duration gravitational-wave bursts in the third Advanced LIGO and Advanced Virgo run. <i>Physical Review D</i> , 2021, 104, .	1.6	19
38	All-sky search for short gravitational-wave bursts in the third Advanced LIGO and Advanced Virgo run. <i>Physical Review D</i> , 2021, 104, .	1.6	33
39	Search for Lensing Signatures in the Gravitational-Wave Observations from the First Half of LIGOâ€™s Third Observing Run. <i>Astrophysical Journal</i> , 2021, 923, 14.	1.6	59
40	The advanced Virgo longitudinal control system for the O2 observing run. <i>Astroparticle Physics</i> , 2020, 116, 102386.	1.9	9
41	Metabolic Correlates of Dopaminergic Loss in Dementia with Lewy Bodies. <i>Movement Disorders</i> , 2020, 35, 595-605.	2.2	42
42	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. <i>Living Reviews in Relativity</i> , 2020, 23, 3.	8.2	447
43	A Joint Fermi-GBM and LIGO/Virgo Analysis of Compact Binary Mergers from the First and Second Gravitational-wave Observing Runs. <i>Astrophysical Journal</i> , 2020, 893, 100.	1.6	12
44	GW190521: A Binary Black Hole Merger with a Total Mass of $150 M_{\odot}$ . <i>Physical Review Letters</i> , 2020, 125, 101102.	2.9	35
45	Quantum Backaction on Kg-Scale Mirrors: Observation of Radiation Pressure Noise in the Advanced Virgo Detector. <i>Physical Review Letters</i> , 2020, 125, 131101.	2.9	35
46	GW190412: Observation of a binary-black-hole coalescence with asymmetric masses. <i>Physical Review D</i> , 2020, 102, .	1.6	394
47	GW190814: Gravitational Waves from the Coalescence of a 23 Solar Mass Black Hole with a 2.6 Solar Mass Compact Object. <i>Astrophysical Journal Letters</i> , 2020, 896, L44.	3.0	1,090
48	GW190425: Observation of a Compact Binary Coalescence with Total Mass $3.4 M_{\odot}$ . <i>Astrophysical Journal Letters</i> , 2020, 892, L3.	3.0	1,049
49	Model comparison from LIGOâ€™s Virgo data on GW170817â€™s binary components and consequences for the merger remnant. <i>Classical and Quantum Gravity</i> , 2020, 37, 045006.	1.5	109
50	A guide to LIGOâ€™s Virgo detector noise and extraction of transient gravitational-wave signals. <i>Classical and Quantum Gravity</i> , 2020, 37, 055002.	1.5	188
51	Advanced Virgo Status. <i>Journal of Physics: Conference Series</i> , 2020, 1342, 012010.	0.3	9
52	A kinetics-based approach to amyloid PET semi-quantification. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 2175-2185.	3.3	3
53	Optically targeted search for gravitational waves emitted by core-collapse supernovae during the first and second observing runs of advanced LIGO and advanced Virgo. <i>Physical Review D</i> , 2020, 101, .	1.6	69
54	Striatal dopamine transporter SPECT quantification: head-to-head comparison between two three-dimensional automatic tools. <i>EJNMMI Research</i> , 2020, 10, 137.	1.1	6

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55	Properties and Astrophysical Implications of the 150 M <sub>☉</sub> Binary Black Hole Merger GW190521. <i>Astrophysical Journal Letters</i> , 2020, 900, L13.	3.0	406
56	Gravitational-wave Constraints on the Equatorial Ellipticity of Millisecond Pulsars. <i>Astrophysical Journal Letters</i> , 2020, 902, L21.	3.0	65
57	Narrow-band search for gravitational waves from known pulsars using the second LIGO observing run. <i>Physical Review D</i> , 2019, 99, .	1.6	60
58	Searches for Gravitational Waves from Known Pulsars at Two Harmonics in 2015–2017 LIGO Data. <i>Astrophysical Journal</i> , 2019, 879, 10.	1.6	88
59	All-sky search for continuous gravitational waves from isolated neutron stars using Advanced LIGO O2 data. <i>Physical Review D</i> , 2019, 100, .	1.6	102
60	All-sky search for short gravitational-wave bursts in the second Advanced LIGO and Advanced Virgo run. <i>Physical Review D</i> , 2019, 100, .	1.6	54
61	Tests of General Relativity with GW170817. <i>Physical Review Letters</i> , 2019, 123, 011102.	2.9	370
62	Investigation of magnetic noise in advanced Virgo. <i>Classical and Quantum Gravity</i> , 2019, 36, 225004.	1.5	14
63	Search for Eccentric Binary Black Hole Mergers with Advanced LIGO and Advanced Virgo during Their First and Second Observing Runs. <i>Astrophysical Journal</i> , 2019, 883, 149.	1.6	72
64	Search for intermediate mass black hole binaries in the first and second observing runs of the Advanced LIGO and Virgo network. <i>Physical Review D</i> , 2019, 100, .	1.6	52
65	Search for Substellar Mass Ultracompact Binaries in Advanced LIGO's Second Observing Run. <i>Physical Review Letters</i> , 2019, 123, 161102.	2.9	119
66	Binary Black Hole Population Properties Inferred from the First and Second Observing Runs of Advanced LIGO and Advanced Virgo. <i>Astrophysical Journal Letters</i> , 2019, 882, L24.	3.0	566
67	Directional limits on persistent gravitational waves using data from Advanced LIGO's first two observing runs. <i>Physical Review D</i> , 2019, 100, .	1.6	52
68	GWTC-1: A Gravitational-Wave Transient Catalog of Compact Binary Mergers Observed by LIGO and Virgo during the First and Second Observing Runs. <i>Physical Review X</i> , 2019, 9, .	2.8	2,022
69	Search for the isotropic stochastic background using data from Advanced LIGO's second observing run. <i>Physical Review D</i> , 2019, 100, .	1.6	200
70	A Standard Siren Measurement of the Hubble Constant from GW170817 without the Electromagnetic Counterpart. <i>Astrophysical Journal Letters</i> , 2019, 871, L13.	3.0	145
71	All-sky search for long-duration gravitational-wave transients in the second Advanced LIGO observing run. <i>Physical Review D</i> , 2019, 99, .	1.6	22
72	Semi-quantification and grading of amyloid PET: A project of the European Alzheimer's Disease Consortium (EADC). <i>NeuroImage: Clinical</i> , 2019, 23, 101846.	1.4	18

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73	A Fermi Gamma-Ray Burst Monitor Search for Electromagnetic Signals Coincident with Gravitational-wave Candidates in Advanced LIGO's First Observing Run. <i>Astrophysical Journal</i> , 2019, 871, 90.	1.6	30
74	Searches for Continuous Gravitational Waves from 15 Supernova Remnants and Fomalhaut b with Advanced LIGO. <i>Astrophysical Journal</i> , 2019, 875, 122.	1.6	61
75	Search for Gravitational Waves from a Long-lived Remnant of the Binary Neutron Star Merger GW170817. <i>Astrophysical Journal</i> , 2019, 875, 160.	1.6	97
76	Low-latency Gravitational-wave Alerts for Multimessenger Astronomy during the Second Advanced LIGO and Virgo Observing Run. <i>Astrophysical Journal</i> , 2019, 875, 161.	1.6	71
77	Search for Transient Gravitational-wave Signals Associated with Magnetar Bursts during Advanced LIGO's Second Observing Run. <i>Astrophysical Journal</i> , 2019, 874, 163.	1.6	26
78	The role of molecular imaging in the frame of the revised dementia with Lewy body criteria. <i>Clinical and Translational Imaging</i> , 2019, 7, 83-98.	1.1	1
79	Metabolic patterns across core features in dementia with lewy bodies. <i>Annals of Neurology</i> , 2019, 85, 715-725.	2.8	47
80	Head-to-Head Comparison among Semi-Quantification Tools of Brain FDG-PET to Aid the Diagnosis of Prodromal Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2019, 68, 383-394.	1.2	14
81	Constraining the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -Mode Tidal Instability with GW170817. <i>Physical Review Letters</i> , 2019, 122, 061104.	2.9	36
82	Tests of general relativity with the binary black hole signals from the LIGO-Virgo catalog GWTC-1. <i>Physical Review D</i> , 2019, 100, .	1.6	470
83	Increasing the Astrophysical Reach of the Advanced Virgo Detector via the Application of Squeezed Vacuum States of Light. <i>Physical Review Letters</i> , 2019, 123, 231108.	2.9	254
84	Search for Gravitational-wave Signals Associated with Gamma-Ray Bursts during the Second Observing Run of Advanced LIGO and Advanced Virgo. <i>Astrophysical Journal</i> , 2019, 886, 75.	1.6	29
85	Search for gravitational waves from Scorpius X-1 in the second Advanced LIGO observing run with an improved hidden Markov model. <i>Physical Review D</i> , 2019, 100, .	1.6	46
86	Properties of the Binary Neutron Star Merger GW170817. <i>Physical Review X</i> , 2019, 9, .	2.8	728
87	Emerging topics and practical aspects for an appropriate use of amyloid PET in the current Italian context. <i>Quarterly Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 63, 83-92.	0.4	0
88	Effects of data quality vetoes on a search for compact binary coalescences in Advanced LIGO's first observing run. <i>Classical and Quantum Gravity</i> , 2018, 35, 065010.	1.5	94
89	GW170817: Implications for the Stochastic Gravitational-Wave Background from Compact Binary Coalescences. <i>Physical Review Letters</i> , 2018, 120, 091101.	2.9	166
90	Presynaptic dopaminergic neuroimaging in REM sleep behavior disorder: A systematic review and meta-analysis. <i>Sleep Medicine Reviews</i> , 2018, 41, 266-274.	3.8	56

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91	All-sky search for long-duration gravitational wave transients in the first Advanced LIGO observing run. <i>Classical and Quantum Gravity</i> , 2018, 35, 065009.	1.5	18
92	First Search for Nontensorial Gravitational Waves from Known Pulsars. <i>Physical Review Letters</i> , 2018, 120, 031104.	2.9	68
93	Metabolic correlates of reserve and resilience in MCI due to Alzheimer's Disease (AD). <i>Alzheimer's Research and Therapy</i> , 2018, 10, 35.	3.0	22
94	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. <i>Living Reviews in Relativity</i> , 2018, 21, 3.	8.2	808
95	Search for Substellar-Mass Ultracompact Binaries in Advanced LIGO's First Observing Run. <i>Physical Review Letters</i> , 2018, 121, 231103.	2.9	77
96	Magnetic coupling to the advanced Virgo payloads and its impact on the low frequency sensitivity. <i>Review of Scientific Instruments</i> , 2018, 89, 114501.	0.6	13
97	GW170817: Measurements of Neutron Star Radii and Equation of State. <i>Physical Review Letters</i> , 2018, 121, 161101.	2.9	1,473
98	Calibration of advanced Virgo and reconstruction of the gravitational wave signal $h(t)$ ( $t$ ) $T_j ETQq0 0 0$ $rgBT / Overlock 10 Tf$	1.5	41
99	Status of Advanced Virgo. <i>EPJ Web of Conferences</i> , 2018, 182, 02003.	0.1	9
100	Search for Tensor, Vector, and Scalar Polarizations in the Stochastic Gravitational-Wave Background. <i>Physical Review Letters</i> , 2018, 120, 201102.	2.9	85
101	Full band all-sky search for periodic gravitational waves in the O1 LIGO data. <i>Physical Review D</i> , 2018, 97, .	1.6	46
102	Constraints on cosmic strings using data from the first Advanced LIGO observing run. <i>Physical Review D</i> , 2018, 97, .	1.6	88
103	Measurement and subtraction of Schumann resonances at gravitational-wave interferometers. <i>Physical Review D</i> , 2018, 97, .	1.6	50
104	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. , 2018, 21, 1.		2
105	Progressive Disintegration of Brain Networking from Normal Aging to Alzheimer Disease: Analysis of Independent Components of $^{18}F$ -FDG PET Data. <i>Journal of Nuclear Medicine</i> , 2017, 58, 1132-1139.	2.8	41
106	All-sky search for short gravitational-wave bursts in the first Advanced LIGO run. <i>Physical Review D</i> , 2017, 95, .	1.6	69
107	The impact of automated hippocampal volumetry on diagnostic confidence in patients with suspected Alzheimer's disease: A European Alzheimer's Disease Consortium study. <i>Alzheimer's and Dementia</i> , 2017, 13, 1013-1023.	0.4	33
108	Effects of waveform model systematics on the interpretation of GW150914. <i>Classical and Quantum Gravity</i> , 2017, 34, 104002.	1.5	98

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109	Upper Limits on the Stochastic Gravitational-Wave Background from Advanced LIGO's First Observing Run. <i>Physical Review Letters</i> , 2017, 118, 121101.	2.9	194
110	Directional Limits on Persistent Gravitational Waves from Advanced LIGO's First Observing Run. <i>Physical Review Letters</i> , 2017, 118, 121102.	2.9	84
111	First Search for Gravitational Waves from Known Pulsars with Advanced LIGO. <i>Astrophysical Journal</i> , 2017, 839, 12.	1.6	131
112	The basic physics of the binary black hole merger GW150914. <i>Annalen Der Physik</i> , 2017, 529, 1600209.	0.9	69
113	GW170814: A Three-Detector Observation of Gravitational Waves from a Binary Black Hole Coalescence. <i>Physical Review Letters</i> , 2017, 119, 141101.	2.9	1,600
114	Upper Limits on Gravitational Waves from Scorpius X-1 from a Model-based Cross-correlation Search in Advanced LIGO Data. <i>Astrophysical Journal</i> , 2017, 847, 47.	1.6	46
115	GW170817: Observation of Gravitational Waves from a Binary Neutron Star Inspiral. <i>Physical Review Letters</i> , 2017, 119, 161101.	2.9	6,413
116	Multi-messenger Observations of a Binary Neutron Star Merger <sup>*</sup> . <i>Astrophysical Journal Letters</i> , 2017, 848, L12.	3.0	2,805
117	Gravitational Waves and Gamma-Rays from a Binary Neutron Star Merger: GW170817 and GRB 170817A. <i>Astrophysical Journal Letters</i> , 2017, 848, L13.	3.0	2,314
118	Search for intermediate mass black hole binaries in the first observing run of Advanced LIGO. <i>Physical Review D</i> , 2017, 96, .	1.6	73
119	All-sky search for periodic gravitational waves in the O1 LIGO data. <i>Physical Review D</i> , 2017, 96, .	1.6	64
120	Search for Gravitational Waves Associated with Gamma-Ray Bursts during the First Advanced LIGO Observing Run and Implications for the Origin of GRB 150906B. <i>Astrophysical Journal</i> , 2017, 841, 89.	1.6	52
121	Search for high-energy neutrinos from gravitational wave event GW151226 and candidate LVT151012 with ANTARES and IceCube. <i>Physical Review D</i> , 2017, 96, .	1.6	40
122	<sup>18</sup> F FDG PET diagnostic and prognostic patterns do not overlap in Alzheimer's disease (AD) patients at the mild cognitive impairment (MCI) stage. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2017, 44, 2073-2083.	3.3	29
123	Search for Post-merger Gravitational Waves from the Remnant of the Binary Neutron Star Merger GW170817. <i>Astrophysical Journal Letters</i> , 2017, 851, L16.	3.0	189
124	Estimating the Contribution of Dynamical Ejecta in the Kilonova Associated with GW170817. <i>Astrophysical Journal Letters</i> , 2017, 850, L39.	3.0	156
125	GW170104: Observation of a 50-Solar-Mass Binary Black Hole Coalescence at Redshift 0.2. <i>Physical Review Letters</i> , 2017, 118, 221101.	2.9	1,987
126	Search for continuous gravitational waves from neutron stars in globular cluster NGC 6544. <i>Physical Review D</i> , 2017, 95, .	1.6	19



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127	Search for gravitational waves from Scorpius X-1 in the first Advanced LIGO observing run with a hidden Markov model. <i>Physical Review D</i> , 2017, 95, .	1.6	59
128	Early identification of MCI converting to AD: a FDG PET study. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2017, 44, 2042-2052.	3.3	83
129	Status of the Advanced Virgo gravitational wave detector. <i>International Journal of Modern Physics A</i> , 2017, 32, 1744003.	0.5	6
130	First narrow-band search for continuous gravitational waves from known pulsars in advanced detector data. <i>Physical Review D</i> , 2017, 96, .	1.6	47
131	First low-frequency Einstein@Home all-sky search for continuous gravitational waves in Advanced LIGO data. <i>Physical Review D</i> , 2017, 96, .	1.6	60
132	On the Progenitor of Binary Neutron Star Merger GW170817. <i>Astrophysical Journal Letters</i> , 2017, 850, L40.	3.0	73
133	GW170608: Observation of a 19 Solar-mass Binary Black Hole Coalescence. <i>Astrophysical Journal Letters</i> , 2017, 851, L35.	3.0	968
134	Advanced Virgo Status. , 2017, , .		0
135	Characterization of transient noise in Advanced LIGO relevant to gravitational wave signal GW150914. <i>Classical and Quantum Gravity</i> , 2016, 33, 134001.	1.5	225
136	SUPPLEMENT: "THE RATE OF BINARY BLACK HOLE MERGERS INFERRED FROM ADVANCED LIGO OBSERVATIONS SURROUNDING GW150914" (2016, <i>ApJL</i> , 833, L1). <i>Astrophysical Journal, Supplement Series</i> , 2016, 227, 14.	3.0	63
137	Prospects for Observing and Localizing Gravitational-Wave Transients with Advanced LIGO and Advanced Virgo. <i>Living Reviews in Relativity</i> , 2016, 19, 1.	8.2	427
138	Improved Analysis of GW150914 Using a Fully Spin-Precessing Waveform Model. <i>Physical Review X</i> , 2016, 6, .	2.8	106
139	Results of the deepest all-sky survey for continuous gravitational waves on LIGO S6 data running on the Einstein@Home volunteer distributed computing project. <i>Physical Review D</i> , 2016, 94, .	1.6	31
140	THE RATE OF BINARY BLACK HOLE MERGERS INFERRED FROM ADVANCED LIGO OBSERVATIONS SURROUNDING GW150914. <i>Astrophysical Journal Letters</i> , 2016, 833, L1.	3.0	230
141	MRI analysis for hippocampus segmentation on a distributed infrastructure. , 2016, , .		0
142	Predicting the transition from normal aging to Alzheimer's disease: A statistical mechanistic evaluation of FDG-PET data. <i>NeuroImage</i> , 2016, 141, 282-290.	2.1	36
143	LOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW150914. <i>Astrophysical Journal Letters</i> , 2016, 826, L13.	3.0	210
144	Comprehensive all-sky search for periodic gravitational waves in the sixth science run LIGO data. <i>Physical Review D</i> , 2016, 94, .	1.6	35

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145	First targeted search for gravitational-wave bursts from core-collapse supernovae in data of first-generation laser interferometer detectors. <i>Physical Review D</i> , 2016, 94, .	1.6	60
146	Standardized Uptake Value Ratio-Independent Evaluation of Brain Amyloidosis. <i>Journal of Alzheimer's Disease</i> , 2016, 54, 1437-1457.	1.2	22
147	UPPER LIMITS ON THE RATES OF BINARY NEUTRON STAR AND NEUTRON STAR-BLACK HOLE MERGERS FROM ADVANCED LIGO'S FIRST OBSERVING RUN. <i>Astrophysical Journal Letters</i> , 2016, 832, L21.	3.0	146
148	Directly comparing GW150914 with numerical solutions of Einstein's equations for binary black hole coalescence. <i>Physical Review D</i> , 2016, 94, .	1.6	102
149	All-sky search for long-duration gravitational wave transients with initial LIGO. <i>Physical Review D</i> , 2016, 93, .	1.6	29
150	Search of the Orion spur for continuous gravitational waves using a loosely coherent algorithm on data from LIGO interferometers. <i>Physical Review D</i> , 2016, 93, .	1.6	17
151	First low frequency all-sky search for continuous gravitational wave signals. <i>Physical Review D</i> , 2016, 93, .	1.6	32
152	GW150914: First results from the search for binary black hole coalescence with Advanced LIGO. <i>Physical Review D</i> , 2016, 93, .	1.6	315
153	Search for transient gravitational waves in coincidence with short-duration radio transients during 2007-2013. <i>Physical Review D</i> , 2016, 93, .	1.6	14
154	High-energy neutrino follow-up search of gravitational wave event GW150914 with ANTARES and IceCube. <i>Physical Review D</i> , 2016, 93, .	1.6	92
155	GW150914: Implications for the Stochastic Gravitational-Wave Background from Binary Black Holes. <i>Physical Review Letters</i> , 2016, 116, 131102.	2.9	269
156	GW150914: The Advanced LIGO Detectors in the Era of First Discoveries. <i>Physical Review Letters</i> , 2016, 116, 131103.	2.9	466
157	SUPPLEMENT: LOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW150914 (2016, <i>ApJL</i> , 826, L13). <i>Astrophysical Journal, Supplement Series</i> , 2016, 225, 8.	3.0	44
158	Observing gravitational-wave transient GW150914 with minimal assumptions. <i>Physical Review D</i> , 2016, 93, .	1.6	119
159	Tests of General Relativity with GW150914. <i>Physical Review Letters</i> , 2016, 116, 221101.	2.9	1,224
160	Properties of the Binary Black Hole Merger GW150914. <i>Physical Review Letters</i> , 2016, 116, 241102.	2.9	673
161	GW151226: Observation of Gravitational Waves from a 22-Solar-Mass Binary Black Hole Coalescence. <i>Physical Review Letters</i> , 2016, 116, 241103.	2.9	2,701
162	Binary Black Hole Mergers in the First Advanced LIGO Observing Run. <i>Physical Review X</i> , 2016, 6, .	2.8	898

#	ARTICLE	IF	CITATIONS
163	Automated hippocampal segmentation in 3D MRI using random undersampling with boosting algorithm. <i>Pattern Analysis and Applications</i> , 2016, 19, 579-591.	3.1	24
164	ASTROPHYSICAL IMPLICATIONS OF THE BINARY BLACK HOLE MERGER GW150914. <i>Astrophysical Journal Letters</i> , 2016, 818, L22.	3.0	633
165	Observation of Gravitational Waves from a Binary Black Hole Merger. <i>Physical Review Letters</i> , 2016, 116, 061102.	2.9	8,753
166	Integrating longitudinal information in hippocampal volume measurements for the early detection of Alzheimer's disease. <i>NeuroImage</i> , 2016, 125, 834-847.	2.1	76
167	Prospects for Observing and Localizing Gravitational-Wave Transients with Advanced LIGO and Advanced Virgo. , 2016, 19, 1.		1
168	Multiple RF classifier for the hippocampus segmentation: Method and validation on EADC-ADNI Harmonized Hippocampal Protocol. <i>Physica Medica</i> , 2015, 31, 1085-1091.	0.4	15
169	Hippocampal unified multi-atlas network (HUMAN): protocol and scale validation of a novel segmentation tool. <i>Physics in Medicine and Biology</i> , 2015, 60, 8851-8867.	1.6	31
170	Feature Selection Based on Machine Learning in MRIs for Hippocampal Segmentation. <i>Computational and Mathematical Methods in Medicine</i> , 2015, 2015, 1-10.	0.7	25
171	Automated hippocampus segmentation with the Channeler Ant Model: Results on different datasets. , 2015, , .		0
172	Medial temporal lobe high resolution magnetic resonance images for the early diagnosis of Alzheimer's disease. , 2015, 2015, 4274-7.		2
173	Standardized evaluation of algorithms for computer-aided diagnosis of dementia based on structural MRI: The CADDementia challenge. <i>NeuroImage</i> , 2015, 111, 562-579.	2.1	266
174	Volume of interest-based [18F]fluorodeoxyglucose PET discriminates MCI converting to Alzheimer's disease from healthy controls. A European Alzheimer's Disease Consortium (EADC) study. <i>NeuroImage: Clinical</i> , 2015, 7, 34-42.	1.4	85
175	Narrow-band search of continuous gravitational-wave signals from Crab and Vela pulsars in Virgo VSR4 data. <i>Physical Review D</i> , 2015, 91, .	1.6	37
176	Searching for stochastic gravitational waves using data from the two colocated LIGO Hanford detectors. <i>Physical Review D</i> , 2015, 91, .	1.6	39
177	Directed search for gravitational waves from Scorpius X-1 with initial LIGO data. <i>Physical Review D</i> , 2015, 91, .	1.6	47
178	Predictive Models Based on Support Vector Machines: Whole-Brain versus Regional Analysis of Structural MRI in the Alzheimer's Disease. <i>Journal of Neuroimaging</i> , 2015, 25, 552-563.	1.0	42
179	Characterization of the LIGO detectors during their sixth science run. <i>Classical and Quantum Gravity</i> , 2015, 32, 115012.	1.5	1,029
180	The Advanced Virgo detector. <i>Journal of Physics: Conference Series</i> , 2015, 610, 012014.	0.3	27

#	ARTICLE	IF	CITATIONS
181	SEARCHES FOR CONTINUOUS GRAVITATIONAL WAVES FROM NINE YOUNG SUPERNOVA REMNANTS. <i>Astrophysical Journal</i> , 2015, 813, 39.	1.6	66
182	Advanced Virgo: a second-generation interferometric gravitational wave detector. <i>Classical and Quantum Gravity</i> , 2015, 32, 024001.	1.5	2,530
183	Reconstruction of the gravitational wave signal $h(t)$ during the Virgo science runs and independent validation with a photon calibrator. <i>Classical and Quantum Gravity</i> , 2014, 31, 165013.	1.5	10
184	FIRST SEARCHES FOR OPTICAL COUNTERPARTS TO GRAVITATIONAL-WAVE CANDIDATE EVENTS. <i>Astrophysical Journal</i> , Supplement Series, 2014, 211, 7.	3.0	57
185	First all-sky search for continuous gravitational waves from unknown sources in binary systems. <i>Physical Review D</i> , 2014, 90, .	1.6	60
186	Constraints on Cosmic Strings from the LIGO-Virgo Gravitational-Wave Detectors. <i>Physical Review Letters</i> , 2014, 112, 131101.	2.9	68
187	Improved Upper Limits on the Stochastic Gravitational-Wave Background from 2009â€“2010 LIGO and Virgo Data. <i>Physical Review Letters</i> , 2014, 113, 231101.	2.9	86
188	Automated voxel-by-voxel tissue classification for hippocampal segmentation: Methods and validation. <i>Physica Medica</i> , 2014, 30, 878-887.	0.4	31
189	Multimessenger search for sources of gravitational waves and high-energy neutrinos: Initial results for LIGO-Virgo and IceCube. <i>Physical Review D</i> , 2014, 90, .	1.6	29
190	Progress and challenges in advanced ground-based gravitational-wave detectors. <i>General Relativity and Gravitation</i> , 2014, 46, 1.	0.7	2
191	Implementation of an $F$ -statistic all-sky search for continuous gravitational waves in Virgo VSR1 data. <i>Classical and Quantum Gravity</i> , 2014, 31, 165014.	1.5	34
192	GRAVITATIONAL WAVES FROM KNOWN PULSARS: RESULTS FROM THE INITIAL DETECTOR ERA. <i>Astrophysical Journal</i> , 2014, 785, 119.	1.6	125
193	Application of a Hough search for continuous gravitational waves on data from the fifth LIGO science run. <i>Classical and Quantum Gravity</i> , 2014, 31, 085014.	1.5	21
194	The NINJA-2 project: detecting and characterizing gravitational waveforms modelled using numerical binary black hole simulations. <i>Classical and Quantum Gravity</i> , 2014, 31, 115004.	1.5	42
195	Search for gravitational wave ringdowns from perturbed intermediate mass black holes in LIGO-Virgo data from 2005â€“2010. <i>Physical Review D</i> , 2014, 89, .	1.6	28
196	Search for Gravitational Waves Associated with $\dot{\Gamma}^3$ -ray Bursts Detected by the Interplanetary Network. <i>Physical Review Letters</i> , 2014, 113, 011102.	2.9	32
197	Search for gravitational radiation from intermediate mass black hole binaries in data from the second LIGO-Virgo joint science run. <i>Physical Review D</i> , 2014, 89, .	1.6	35
198	Methods and results of a search for gravitational waves associated with gamma-ray bursts using the GEO 600, LIGO, and Virgo detectors. <i>Physical Review D</i> , 2014, 89, .	1.6	29

#	ARTICLE	IF	CITATIONS
199	Automatic temporal lobe atrophy assessment in prodromal AD: Data from the DESCRIPA study. <i>Alzheimer's and Dementia</i> , 2014, 10, 456-467.	0.4	16
200	Neuroimaging Findings in Mild Cognitive Impairment. , 2014, , 271-307.		2
201	Search for gravitational waves from binary black hole inspiral, merger, and ringdown in LIGO-Virgo data from 2009â€“2010. <i>Physical Review D</i> , 2013, 87, .	1.6	92
202	Search for long-lived gravitational-wave transients coincident with long gamma-ray bursts. <i>Physical Review D</i> , 2013, 88, .	1.6	31
203	Optical properties of uniform, porous, amorphous Ta <sub>2</sub> O <sub>5</sub> coatings on silica: temperature effects. <i>Journal Physics D: Applied Physics</i> , 2013, 46, 455301.	1.3	21
204	A first search for coincident gravitational waves and high energy neutrinos using LIGO, Virgo and ANTARES data from 2007. <i>Journal of Cosmology and Astroparticle Physics</i> , 2013, 2013, 008-008.	1.9	32
205	Central heating radius of curvature correction (CHRoCC) for use in large scale gravitational wave interferometers. <i>Classical and Quantum Gravity</i> , 2013, 30, 055017.	1.5	11
206	Einstein@Home all-sky search for periodic gravitational waves in LIGO S5 data. <i>Physical Review D</i> , 2013, 87, .	1.6	91
207	Parameter estimation for compact binary coalescence signals with the first generation gravitational-wave detector network. <i>Physical Review D</i> , 2013, 88, .	1.6	132
208	Directed search for continuous gravitational waves from the Galactic center. <i>Physical Review D</i> , 2013, 88, .	1.6	65
209	Random Forest Classification for Hippocampal Segmentation in 3D MR Images. , 2013, , .		9
210	Characterization of the Virgo seismic environment. <i>Classical and Quantum Gravity</i> , 2012, 29, 025005.	1.5	5
211	SWIFT FOLLOW-UP OBSERVATIONS OF CANDIDATE GRAVITATIONAL-WAVE TRANSIENT EVENTS. <i>Astrophysical Journal, Supplement Series</i> , 2012, 203, 28.	3.0	62
212	The characterization of Virgo data and its impact on gravitational-wave searches. <i>Classical and Quantum Gravity</i> , 2012, 29, 155002.	1.5	73
213	Status of the commissioning of the Virgo interferometer. , 2012, , .		1
214	Publisherâ€™s Note: All-sky search for gravitational-wave bursts in the first joint LIGO-GEO-Virgo run [Phys. Rev. D >81</b>, 102001 (2010)]. <i>Physical Review D</i> , 2012, 85, .	1.6	3
215	Noise monitor tools and their application to Virgo data. <i>Journal of Physics: Conference Series</i> , 2012, 363, 012024.	0.3	2
216	First low-latency LIGO+Virgo search for binary inspirals and their electromagnetic counterparts. <i>Astronomy and Astrophysics</i> , 2012, 541, A155.	2.1	75

#	ARTICLE	IF	CITATIONS
217	SEARCH FOR GRAVITATIONAL WAVES ASSOCIATED WITH GAMMA-RAY BURSTS DURING LIGO SCIENCE RUN 6 AND VIRGO SCIENCE RUNS 2 AND 3. <i>Astrophysical Journal</i> , 2012, 760, 12.	1.6	104
218	The NoEMi (Noise Frequency Event Miner) framework. <i>Journal of Physics: Conference Series</i> , 2012, 363, 012037.	0.3	12
219	All-sky search for gravitational-wave bursts in the second joint LIGO-Virgo run. <i>Physical Review D</i> , 2012, 85, .	1.6	107
220	Search for gravitational waves from intermediate mass binary black holes. <i>Physical Review D</i> , 2012, 85, .	1.6	48
221	Upper limits on a stochastic gravitational-wave background using LIGO and Virgo interferometers at 600–1000 Hz. <i>Physical Review D</i> , 2012, 85, .	1.6	43
222	Search for gravitational waves from low mass compact binary coalescence in LIGO's sixth science run and Virgo's science runs 2 and 3. <i>Physical Review D</i> , 2012, 85, .	1.6	185
223	Fully automated hippocampus segmentation with virtual ant colonies. , 2012, , .		5
224	All-sky search for periodic gravitational waves in the full S5 LIGO data. <i>Physical Review D</i> , 2012, 85, .	1.6	66
225	Publisher's Note: Search for gravitational waves from binary black hole inspiral, merger, and ringdown [Phys. Rev. D83, 122005 (2011)]. <i>Physical Review D</i> , 2012, 85, .	1.6	0
226	Publisher's Note: Search for gravitational waves from compact binary coalescence in LIGO and Virgo data from S5 and VSR1 [Phys. Rev. D82, 102001 (2010)]. <i>Physical Review D</i> , 2012, 85, .	1.6	2
227	Alzheimer's disease markers from structural MRI and FDG-PET brain images. <i>European Physical Journal Plus</i> , 2012, 127, 1.	1.2	15
228	Virgo: a laser interferometer to detect gravitational waves. <i>Journal of Instrumentation</i> , 2012, 7, P03012-P03012.	0.5	257
229	Scientific objectives of Einstein Telescope. <i>Classical and Quantum Gravity</i> , 2012, 29, 124013.	1.5	355
230	Implementation and testing of the first prompt search for gravitational wave transients with electromagnetic counterparts. <i>Astronomy and Astrophysics</i> , 2012, 539, A124.	2.1	84
231	A THERMAL COMPENSATION SYSTEM FOR THE GRAVITATIONAL WAVE DETECTOR VIRGO. , 2012, , .		2
232	proAD: A web tool for the automatic assessment of prodromal Alzheimer's disease. , 2011, , .		1
233	Structural and functional brain imaging in the assessment of prodromal Alzheimer's disease. , 2011, , .		0
234	MRI and PET combined analysis of the medial temporal lobe. , 2011, , .		0

#	ARTICLE	IF	CITATIONS
235	Search for gravitational waves from binary black hole inspiral, merger, and ringdown. <i>Physical Review D</i> , 2011, 83, .	1.6	85
236	Local MRI analysis approach in the diagnosis of early and prodromal Alzheimer's disease. <i>NeuroImage</i> , 2011, 58, 469-480.	2.1	161
237	THE VIRGO INTERFEROMETER FOR GRAVITATIONAL WAVE DETECTION. <i>International Journal of Modern Physics D</i> , 2011, 20, 2075-2079.	0.9	4
238	The Seismic Superattenuators of the Virgo Gravitational Waves Interferometer. <i>Journal of Low Frequency Noise Vibration and Active Control</i> , 2011, 30, 63-79.	1.3	28
239	SEARCH FOR GRAVITATIONAL WAVE BURSTS FROM SIX MAGNETARS. <i>Astrophysical Journal Letters</i> , 2011, 734, L35.	3.0	55
240	BEATING THE SPIN-DOWN LIMIT ON GRAVITATIONAL WAVE EMISSION FROM THE VELA PULSAR. <i>Astrophysical Journal</i> , 2011, 737, 93.	1.6	89
241	Automatic Alignment system during the second science run of the Virgo interferometer. <i>Astroparticle Physics</i> , 2011, 34, 327-332.	1.9	6
242	Performance of the Virgo interferometer longitudinal control system during the second science run. <i>Astroparticle Physics</i> , 2011, 34, 521-527.	1.9	13
243	Gravitational waves detector mirrors: Spectroscopic ellipsometry study of Ta2O5 films on SiO2 substrates. <i>Thin Solid Films</i> , 2011, 519, 2877-2880.	0.8	13
244	Sensitivity studies for third-generation gravitational wave observatories. <i>Classical and Quantum Gravity</i> , 2011, 28, 094013.	1.5	644
245	Calibration and sensitivity of the Virgo detector during its second science run. <i>Classical and Quantum Gravity</i> , 2011, 28, 025005.	1.5	85
246	A state observer for the Virgo inverted pendulum. <i>Review of Scientific Instruments</i> , 2011, 82, 094502.	0.6	8
247	Directional Limits on Persistent Gravitational Waves Using LIGO S5 Science Data. <i>Physical Review Letters</i> , 2011, 107, 271102.	2.9	94
248	Status of the Virgo project. <i>Classical and Quantum Gravity</i> , 2011, 28, 114002.	1.5	171
249	A Novel Template-Based Approach to the Segmentation of the Hippocampal Region. <i>Computational Methods in Applied Sciences (Springer)</i> , 2011, , 229-246.	0.1	0
250	Tools for noise characterization in Virgo. <i>Journal of Physics: Conference Series</i> , 2010, 243, 012004.	0.3	0
251	Virgo calibration and reconstruction of the gravitational wave strain during VSRI. <i>Journal of Physics: Conference Series</i> , 2010, 228, 012015.	0.3	8
252	Status and perspectives of the Virgo gravitational wave detector. <i>Journal of Physics: Conference Series</i> , 2010, 203, 012074.	0.3	29

#	ARTICLE	IF	CITATIONS
253	SEARCH FOR GRAVITATIONAL-WAVE BURSTS ASSOCIATED WITH GAMMA-RAY BURSTS USING DATA FROM LIGO SCIENCE RUN 5 AND VIRGO SCIENCE RUN 1. <i>Astrophysical Journal</i> , 2010, 715, 1438-1452.	1.6	60
254	Performances of the Virgo interferometer longitudinal control system. <i>Astroparticle Physics</i> , 2010, 33, 75-80.	1.9	10
255	Measurements of Superattenuator seismic isolation by Virgo interferometer. <i>Astroparticle Physics</i> , 2010, 33, 182-189.	1.9	62
256	Novel polymer nanocomposites based on polystyrene and Ti functionalized polyhedral silsesquioxanes. <i>Polymers for Advanced Technologies</i> , 2010, 21, 848-853.	1.6	12
257	The third generation of gravitational wave observatories and their science reach. <i>Classical and Quantum Gravity</i> , 2010, 27, 084007.	1.5	287
258	SEARCHES FOR GRAVITATIONAL WAVES FROM KNOWN PULSARS WITH SCIENCE RUN 5 LIGO DATA. <i>Astrophysical Journal</i> , 2010, 713, 671-685.	1.6	155
259	Multitechnique investigation of Ta <sub>2</sub> O <sub>5</sub> films on SiO <sub>2</sub> substrates: Comparison of optical, chemical and morphological properties. <i>Journal of Physics: Conference Series</i> , 2010, 228, 012020.	0.3	4
260	The Einstein Telescope: a third-generation gravitational wave observatory. <i>Classical and Quantum Gravity</i> , 2010, 27, 194002.	1.5	1,211
261	Noise from scattered light in Virgo's second science run data. <i>Classical and Quantum Gravity</i> , 2010, 27, 194011.	1.5	59
262	Mechanical characterization of uncoated™ and Ta <sub>2</sub> O <sub>5</sub> -single-layer-coated™ SiO <sub>2</sub> substrates: results from GeNS suspension, and the CoaCh project. <i>Classical and Quantum Gravity</i> , 2010, 27, 084031.	1.5	8
263	Search for gravitational waves from compact binary coalescence in LIGO and Virgo data from S5 and VSR1. <i>Physical Review D</i> , 2010, 82, .	1.6	111
264	In-vacuum Faraday isolation remote tuning. <i>Applied Optics</i> , 2010, 49, 4780.	2.1	8
265	All-sky search for gravitational-wave bursts in the first joint LIGO-GEO-Virgo run. <i>Physical Review D</i> , 2010, 81, .	1.6	107
266	Predictions for the rates of compact binary coalescences observable by ground-based gravitational-wave detectors. <i>Classical and Quantum Gravity</i> , 2010, 27, 173001.	1.5	956
267	SEARCH FOR GRAVITATIONAL-WAVE INSPIRAL SIGNALS ASSOCIATED WITH SHORT GAMMA-RAY BURSTS DURING LIGO'S FIFTH AND VIRGO'S FIRST SCIENCE RUN. <i>Astrophysical Journal</i> , 2010, 715, 1453-1461.	1.6	90
268	Control of the laser frequency of the Virgo gravitational wave interferometer with an in-loop relative frequency stability of $1.0 \times 10^{-21}$ on a 100 ms time scale. , 2009, , .		4
269	Cleaning the Virgo sampled data for the search of periodic sources of gravitational waves. <i>Classical and Quantum Gravity</i> , 2009, 26, 204002.	1.5	10
270	On the preparation and application of novel PVDF POSS systems. <i>Journal of Materials Science</i> , 2009, 44, 1764-1771.	1.7	14



#	ARTICLE	IF	CITATIONS
271	Optical Properties of Disulfide-Functionalized Diacetylene Self-Assembled Monolayers on Gold: a Spectroscopic Ellipsometry Study. <i>Journal of Physical Chemistry C</i> , 2009, 113, 20683-20688.	1.5	36
272	Automatic analysis of medial temporal lobe atrophy from structural MRIs for the early assessment of Alzheimer disease. <i>Medical Physics</i> , 2009, 36, 3737-3747.	1.6	39
273	Optically addressable single molecule magnet behaviour of vacuum-sprayed ultrathin films. <i>Journal of Materials Chemistry</i> , 2008, 18, 109-115.	6.7	26
274	All-sky incoherent search for periodic signals with Explorer 2005 data. <i>Classical and Quantum Gravity</i> , 2008, 25, 114028.	1.5	4
275	EXPLORER and NAUTILUS gravitational wave detectors: a status report. <i>Classical and Quantum Gravity</i> , 2008, 25, 114048.	1.5	6
276	First joint gravitational wave search by the AURIGA-EXPLORER-NAUTILUS-Virgo Collaboration. <i>Classical and Quantum Gravity</i> , 2008, 25, 205007.	1.5	13
277	All-sky search of NAUTILUS data. <i>Classical and Quantum Gravity</i> , 2008, 25, 184012.	1.5	10
278	Automatic Localization of the Hippocampal Region in MR Images to Asses Early Diagnosis of Alzheimer's Disease in MCI Patients. , 2008, . .		1
279	New parametric transducer for resonant detectors: advances and room temperature test. <i>Journal of Physics: Conference Series</i> , 2008, 122, 012031.	0.3	6
280	Thermal stability and corrosion resistance of the magnetic anisotropy in ultrathin nanopatterned films. <i>Journal of Applied Physics</i> , 2008, 104, 033905.	1.1	2
281	Results of the IGEC-2 search for gravitational wave bursts during 2005. <i>Physical Review D</i> , 2007, 76, .	1.6	50
282	Atomic force microscopy and X-ray photoelectron spectroscopy characterization of low-energy ion sputtered mica. <i>Surface Science</i> , 2007, 601, 2735-2739.	0.8	18
283	Gain and noise analysis of HEMT amplifiers from room temperature to superfluid He. <i>Classical and Quantum Gravity</i> , 2006, 23, S293-S298.	1.5	2
284	Superconducting cavity transducer for resonant gravitational radiation antennas. <i>Journal of Physics: Conference Series</i> , 2006, 32, 339-345.	0.3	3
285	Study of the $\hat{\Gamma}$ -Al/Ag superconducting alloy for TES applications. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2006, 559, 465-467.	0.7	1
286	Status report on the EXPLORER and NAUTILUS detectors and the present science run. <i>Classical and Quantum Gravity</i> , 2006, 23, S57-S62.	1.5	24
287	The 2003 run of the EXPLORER-NAUTILUS gravitational wave experiment. <i>Classical and Quantum Gravity</i> , 2006, 23, S169-S178.	1.5	10
288	Self-assembled monolayers of a novel diacetylene on gold. <i>Applied Surface Science</i> , 2005, 246, 403-408.	3.1	7

#	ARTICLE	IF	CITATIONS
289	Electromagnetic characterization of superconducting radio-frequency cavities for gw detection. Classical and Quantum Gravity, 2004, 21, S1241-S1246.	1.5	14
290	SrTiO3 Based Side Gate Field Effect Transistor Realized by Submicron Scale AFM Induced Local Chemical Reactions. Journal of Electroceramics, 2004, 13, 331-337.	0.8	2
291	Palladium Nanoparticles Supported on Hyperbranched Aramids:Â Synthesis, Characterization, and Some Applications in the Hydrogenation of Unsaturated Substrates. Macromolecules, 2003, 36, 4294-4301.	2.2	73
292	Pipe cooling perspectives for superconducting accelerating cavities. Physical Review Special Topics: Accelerators and Beams, 2003, 6, .	1.8	2
293	A detector of high frequency gravitational waves based on coupled microwave cavities. Classical and Quantum Gravity, 2003, 20, 3505-3522.	1.5	34
294	As-grown magnesium diboride superconducting thin films deposited by pulsed laser deposition. Superconductor Science and Technology, 2001, 14, 762-764.	1.8	45
295	Headway in cavity design through genetic algorithms. IEEE Transactions on Magnetics, 1995, 31, 1566-1569.	1.2	5