# John J Oh

List of Publications by Year
in descending order



| 24 | 1,774 | 623188<br>14 | 580395<br>25 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 25 | 25 | 25 | 2937 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | First joint observation by the underground gravitational-wave detector KAGRA with GEO 600. Progress of Theoretical and Experimental Physics, 2022, 2022, . | 1.8 | 20 |
| 2 | Overview of KAGRA: Detector design and construction history. Progress of Theoretical and Experimental Physics, 2021, 2021, . | 1.8 | 198 |
| 3 | Neutron star structure in HoÅ™ava-Lifshitz gravity. Physical Review D, 2021, 103, . | 1.6 | 4 |
| 4 | Overview of KAGRA: Calibration, detector characterization, physical environmental monitors, and the geophysics interferometer. Progress of Theoretical and Experimental Physics, 2021, 2021, . | 1.8 | 66 |
| 5 | Time series anomaly detection for gravitational-wave detectors based on the Hilbertâ€“Huang transform. Journal of the Korean Physical Society, 2021, 78, 878-885. | 0.3 | 5 |
| 6 | Vibration isolation systems for the beam splitter and signal recycling mirrors of the KAGRA gravitational wave detector. Classical and Quantum Gravity, 2021, 38, 065011. | 1.5 | 7 |
| 7 | Application of independent component analysis to the iKAGRA data. Progress of Theoretical and Experimental Physics, 2020, 2020, . | 1.8 | 7 |
| 8 | An arm length stabilization system for KAGRA and future gravitational-wave detectors. Classical and Quantum Gravity, 2020, 37, 035004. | 1.5 | 10 |
| 9 | First cryogenic test operation of underground km-scale gravitational-wave observatory KAGRA. Classical and Quantum Gravity, 2019, 36, 165008. | 1.5 | 45 |
| 10 | Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. Living Reviews in Relativity, 2018, 21, 3. | 8.2 | 808 |
| 11 | Sensing and Vetoing Loud Transient Noises for the Gravitational-wave Detection. Journal of the Korean Physical Society, 2018, 73, 1197-1210. | 0.3 | 2 |
| 12 | Construction of KAGRA: an underground gravitational-wave observatory. Progress of Theoretical and Experimental Physics, 2018, 2018, . | 1.8 | 73 |
| 13 | Characterization of transient noise in Advanced LIGO relevant to gravitational wave signal GW150914. Classical and Quantum Gravity, 2016, 33, 134001. | 1.5 | 225 |
| 14 | Application of artificial neural network to search for gravitational-wave signals associated with short gamma-ray bursts. Classical and Quantum Gravity, 2015, 32, 245002. | 1.5 | 13 |
| 15 | Application of machine learning algorithms to the study of noise artifacts in gravitational-wave data. Physical Review D, 2013, 88, . | 1.6 | 89 |
| 16 | Yang-Mills instantons from gravitational instantons. Journal of High Energy Physics, 2011, 2011, 1. | 1.6 | 22 |
| 17 | An efficient representation of Euclidean gravity I. Journal of High Energy Physics, 2011, 2011, 1. | 1.6 | 8 |
| 18 | Absorption cross section in the topologically massive gravity atÂtheÂcritical point. European Physical Journal C, 2010, 65, 275. | 1.4 | 6 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Gravitational collapse of the shells with the smeared gravitational source in noncommutative geometry. Journal of High Energy Physics, 2010, 2010, 1. | 1.6 | 12 |
| 20 | Role of angular momentum and cosmic censorship in(2+1)-dimensional rotating shell collapse. Physical Review D, 2009, 79, . | 1.6 | 29 |
| 21 | Absorption cross section in warped AdS3black hole. Journal of High Energy Physics, 2009, 2009, 067-067. | 1.6 | 26 |
| 22 | Gravitationally collapsing shells in(2+1)dimensions. Physical Review D, 2006, 74, . | 1.6 | 33 |
| 23 | Decay rate and low-energy near-horizon dynamics of acoustic black holes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 608, 10-16. | 1.5 | 28 |
| 24 | Dilaton driven Hawking radiation in AdS2 black hole. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 461, 189-195. | 1.5 | 32 |