

# Masatoshi Hiraishi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6104494/publications.pdf>

Version: 2024-02-01

11  
papers

184  
citations

1684188

5  
h-index

1372567

10  
g-index

11  
all docs

11  
docs citations

11  
times ranked

344  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bipartite magnetic parent phases in the iron oxypnictide superconductor. Nature Physics, 2014, 10, 300-303.	16.7	115
2	Electronic correlation in the quasi-two-dimensional electride $Y_2C$ . Physical Review B, 2018, 98, .	3.2	21
3	Electronic structure of interstitial hydrogen in In-Ga-Zn-O semiconductor simulated by muon. Applied Physics Letters, 2019, 115, 122104.	3.3	17
4	Local electronic structure of interstitial hydrogen in iron disulfide. Physical Review B, 2018, 98, .	3.2	9
5	Cage electron-hydroxyl complex state as electron donor in mayenite. Physical Review B, 2016, 93, .	3.2	6
6	Magnetism driven by strong electronic correlations in the heavily carrier-doped iron oxypnictide $La_{0.49}FeAsO_{1-x}H_x$ . Physical Review B, 2020, 101, .	3.2	5
7	Anomalous diamagnetism of electride electrons in transition metal silicides. Physical Review B, 2021, 103, .	3.2	4
8	Muonium in Stishovite: Implications for the Possible Existence of Neutral Atomic Hydrogen in the Earth's Deep Mantle. Scientific Reports, 2015, 5, 8437.	3.3	3
9	Quantum dynamics of hydrogen in the iron-based superconductor $La_{0.1}FeAsO_{1-x}D_x$ measured with inelastic neutron spectroscopy. Physical Review B, 2019, 99, .	3.2	3
10	Local electronic structure of dilute hydrogen in $Y_2C$ . Physical Review B, 2021, 103, .	3.2	1
11	Study of the Electronic State of Hydrogen by a Combination of the Muon as Pseudo Hydrogen and First-Principles Calculation. Journal of Computer Chemistry Japan, 2020, 19, 106-114.	0.1	0