

# Yoichi Nakajima

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

8

papers

107

citations

4

h-index

10

g-index

10

ext. papers

159

ext. citations

3.6

avg, IF

1.85

L-index

#	Paper	IF	Citations
8	Silicon-Depleted Present-Day Earth's Outer Core Revealed by Sound Velocity Measurements of Liquid Fe-Si Alloy. <i>Journal of Geophysical Research: Solid Earth</i> , <b>2020</b> , 125, e2020JB019399	3.6	5
7	Sound Velocity of Liquid Fe at High Pressure. <i>Physica Status Solidi (B): Basic Research</i> , <b>2020</b> , 257, 20001713	1.3	0
6	New pressure-induced phase transition to Co <sub>2</sub> Si-type Fe <sub>2</sub> P. <i>American Mineralogist</i> , <b>2020</b> , 105, 1752-1755.	2.9	0
5	Sound Speed in Glassy As <sub>x</sub> Se <sub>1-x</sub> (x = 0.4, 0.5, and 0.6) by Inelastic X-Ray Scattering. <i>Physica Status Solidi (B): Basic Research</i> , <b>2020</b> , 257, 2000134	1.3	0
4	Equation of State of Liquid Iron under Extreme Conditions. <i>Physical Review Letters</i> , <b>2020</b> , 124, 165701	7.4	23
3	Effect of Fe <sup>3+</sup> on Phase Relations in the Lower Mantle: Implications for Redox Melting in Stagnant Slabs. <i>Journal of Geophysical Research: Solid Earth</i> , <b>2019</b> , 124, 12484-12497	3.6	3
2	Fe-FeO and Fe-Fe <sub>3</sub> C melting relations at Earth's core-mantle boundary conditions: Implications for a volatile-rich or oxygen-rich core. <i>Earth and Planetary Science Letters</i> , <b>2017</b> , 473, 94-103	5.3	56
1	Structure and Density of Fe-C Liquid Alloys Under High Pressure. <i>Journal of Geophysical Research: Solid Earth</i> , <b>2017</b> , 122, 7813-7823	3.6	20