

Yuki SHibazaki

List of Publications by Year in descending order

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6
papers

235
citations

1478505

6
h-index

1872680

6
g-index

6
all docs

6
docs citations

6
times ranked

253
citing authors

#	ARTICLE	IF	CITATIONS
1	Sound velocity measurements in dhcp-FeH up to 70 GPa with inelastic X-ray scattering: Implications for the composition of the Earth's core. <i>Earth and Planetary Science Letters</i> , 2012, 313-314, 79-85.	4.4	71
2	Stability of Fe-Ni hydride after the reaction between Fe-Ni alloy and hydrous phase (γ -AlOOH) up to 1.2Mbar: Possibility of H contribution to the core density deficit. <i>Physics of the Earth and Planetary Interiors</i> , 2012, 194-195, 18-24.	1.9	50
3	Hydrogen partitioning between iron and ringwoodite: Implications for water transport into the Martian core. <i>Earth and Planetary Science Letters</i> , 2009, 287, 463-470.	4.4	44
4	Effect of hydrogen on the melting temperature of FeS at high pressure: Implications for the core of Ganymede. <i>Earth and Planetary Science Letters</i> , 2011, 301, 153-158.	4.4	32
5	High-pressure and high-temperature phase diagram for Fe _{0.9} Ni _{0.1} -H alloy. <i>Physics of the Earth and Planetary Interiors</i> , 2014, 228, 192-201.	1.9	23
6	Hydrogenation of FeSi under high pressure. <i>American Mineralogist</i> , 2011, 96, 93-99.	1.9	15