

# Masakuni Yamaguchi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9676461/publications.pdf>

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10  
papers

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1478505

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1474206

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g-index

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all docs

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docs citations

10  
times ranked

70  
citing authors

#	ARTICLE	IF	CITATIONS
1	Regeneration Process of Ammonia-Absorbed Zirconium Phosphate to Zirconium Phosphate. ACS Omega, 2022, 7, 20881-20885.	3.5	0
2	Investigation on standard entropy change of metal hydrides and work function of metals. International Journal of Hydrogen Energy, 2021, 46, 2306-2311.	7.1	9
3	Entropy differences between hydrides and other elements. Chemical Communications, 2021, 57, 3461-3463.	4.1	2
4	Thermodynamic and Spectroscopic Analyses of Zirconium Phosphate-Absorbed Ammonia. Journal of Physical Chemistry C, 2021, 125, 3758-3763.	3.1	10
5	Thermodynamic analysis of ammonia storage materials. International Journal of Hydrogen Energy, 2021, 46, 11756-11760.	7.1	6
6	Proton-based solid acids for ammonia absorption in ammonia water. International Journal of Hydrogen Energy, 2020, 45, 22189-22194.	7.1	13
7	Concentration-composition-isotherm for the ammonia absorption process of zirconium phosphate. RSC Advances, 2020, 10, 20882-20885.	3.6	8
8	Ammonia storage materials for nitrogen recycling hydrogen and energy carriers. International Journal of Hydrogen Energy, 2020, 45, 10233-10246.	7.1	34
9	Investigation on hydrogen dissociation pressure, heat of formation and strain energy of metal hydrides. Journal of Alloys and Compounds, 2020, 840, 155686.	5.5	9
10	Power Characteristics Improvement Technology for Nickel Metal Hydride Batteries. Materia Japan, 2020, 59, 47-49.	0.1	2