

Yuta Yasui

List of Publications by Year in descending order

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124
citing authors

#	ARTICLE	IF	CITATIONS
1	High oxide-ion conductivity through the interstitial oxygen site in Ba ₇ Nb ₄ MoO ₂₀ -based hexagonal perovskite related oxides. Nature Communications, 2021, 12, 556.	12.8	83
2	Discovery of a Rare-Earth-Free Oxide-Ion Conductor Ca ₃ Ga ₄ O ₉ by Screening through Bond Valence-Based Energy Calculations, Synthesis, and Characterization of Structural and Transport Properties. Inorganic Chemistry, 2019, 58, 9460-9468.	4.0	34
3	High Oxide-Ion Conductivity in a Hexagonal Perovskite-Related Oxide Ba ₇ Ta _{3.7} Mo _{1.3} O _{20.15} with Cation Site Preference and Interstitial Oxide Ions. Small, 2022, 18, e2106785.	10.0	21
4	Oxide-Ion Occupational Disorder, Diffusion Path, and Conductivity in Hexagonal Perovskite Derivatives Ba ₃ WNbO _{8.5} and Ba ₃ MoNbO _{8.5} . Journal of Physical Chemistry C, 2022, 126, 2383-2393.	3.1	10
5	Simultaneous Reduction of Proton Conductivity and Enhancement of Oxide-Ion Conductivity by Aliovalent Doping in Ba ₇ Nb ₄ MoO ₂₀ . Inorganic Chemistry, 2022, 61, 7537-7545.	4.0	9