

Yuta Yasui

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Oxide-Ion Occupational Disorder, Diffusion Path, and Conductivity in Hexagonal Perovskite Derivatives $\text{Ba}_3\text{WNbO}_{8.5}$ and $\text{Ba}_3\text{MoNbO}_{8.5}$. <i>Journal of Physical Chemistry C</i> , 2022, 126, 2383-2393.	3.1	10
2	High Oxide-Ion Conductivity in a Hexagonal Perovskite-Related Oxide $\text{Ba}_{3.7}\text{Ta}_{3.7}\text{Mo}_{1.3}\text{O}_{20.15}$ with Cation Site Preference and Interstitial Oxide Ions. <i>Small</i> , 2022, 18, e2106785.	10.0	21
3	Simultaneous Reduction of Proton Conductivity and Enhancement of Oxide-Ion Conductivity by Aliovalent Doping in $\text{Ba}_7\text{Nb}_4\text{MoO}_{20}$. <i>Inorganic Chemistry</i> , 2022, 61, 7537-7545.	4.0	9
4	High oxide-ion conductivity through the interstitial oxygen site in $\text{Ba}_7\text{Nb}_4\text{MoO}_{20}$ -based hexagonal perovskite related oxides. <i>Nature Communications</i> , 2021, 12, 556.	12.8	83
5	Discovery of a Rare-Earth-Free Oxide-Ion Conductor $\text{Ca}_3\text{Ga}_4\text{O}_9$ by Screening through Bond Valence-Based Energy Calculations, Synthesis, and Characterization of Structural and Transport Properties. <i>Inorganic Chemistry</i> , 2019, 58, 9460-9468.	4.0	34