

Keisuke Hibino

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Undoped Layered Perovskite Oxynitride $\text{Li}_{2}\text{LaTa}_{2}\text{O}_{6}\text{N}$ for Photocatalytic CO_{2} Reduction with Visible Light. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 8154-8158.	13.8	66
2	Structural Origin of the Anisotropic and Isotropic Thermal Expansion of $\text{K}_{2}\text{NiF}_{4}$ -Type LaSrAlO_{4} and $\text{Sr}_{2}\text{TiO}_{4}$. <i>Inorganic Chemistry</i> , 2015, 54, 3896-3904.	4.0	42
3	Two-Dimensional Perovskite Oxynitride $\text{K}_{2}\text{LaTa}_{2}\text{O}_{6}\text{N}$ with an $\text{H}^{+}/\text{K}^{+}$ Exchangeability in Aqueous Solution Forming a Stable Photocatalyst for Visible-Light H_{2} Evolution. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 9736-9743.	13.8	33
4	High oxide-ion conductivity in Si-deficient $\text{La}_{9.565}(\text{Si}_{5.826}\text{O}_{26})_{1-x}\text{O}_{26}$ apatite without interstitial oxygens due to the overbonded channel oxygens. <i>Journal of Materials Chemistry A</i> , 2018, 6, 10835-10846.	10.3	32
5	Synthesis of a Layered Niobium Oxynitride, $\text{Rb}_{2}\text{NdNb}_{2}\text{O}_{6}\text{N}$, Showing Visible-Light Photocatalytic Activity for H_{2} Evolution. <i>Inorganic Chemistry</i> , 2019, 58, 6161-6166.	4.0	23
6	Experimental Visualization of Interstitialcy Diffusion of Li Ion in $\text{Li}_{2}\text{TiO}_{3}$. <i>ACS Applied Energy Materials</i> , 2019, 2, 5481-5489.	5.1	19
7	Undoped Layered Perovskite Oxynitride $\text{Li}_{2}\text{LaTa}_{2}\text{O}_{6}\text{N}$ for Photocatalytic CO_{2} Reduction with Visible Light. <i>Angewandte Chemie</i> , 2018, 130, 8286-8290.	2.0	17
8	Structures, electron density and characterization of novel photocatalysts, $(\text{BaTaO}_{2}\text{N})_{1-x}(\text{SrWO}_{2}\text{N})_{x}$ solid solutions. <i>Dalton Transactions</i> , 2017, 46, 14947-14956.	3.3	16
9	New Precursor Route Using a Compositionally Flexible Layered Oxide and Nanosheets for Improved Nitrogen Doping and Photocatalytic Activity. <i>ACS Applied Energy Materials</i> , 2018, 1, 1734-1741.	5.1	10
10	Ionic conduction mechanism in Ca-doped lanthanum oxychloride. <i>Dalton Transactions</i> , 2021, 50, 151-156.	3.3	7
11	Experimental Visualization of the Interstitialcy Diffusion of Anions in the LaOF-Based Oxyfluoride $\text{La}_{0.9}\text{Sr}_{0.1}\text{O}_{0.45}\text{F}_{2}$. <i>ACS Applied Energy Materials</i> , 2021, 4, 8891-8900.	5.1	7
12	Two-Dimensional Perovskite Oxynitride $\text{K}_{2}\text{LaTa}_{2}\text{O}_{6}\text{N}$ with an $\text{H}^{+}/\text{K}^{+}$ Exchangeability in Aqueous Solution Forming a Stable Photocatalyst for Visible-Light H_{2} Evolution. <i>Angewandte Chemie</i> , 2020, 132, 9823-9830.	2.0	4