Yasuhiro Harada

List of Publications by Year
in descending order

20	749	840119 11	839053 18
papers	citations	h-index	g-index

20	20	20	1118
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Titanium Niobium Oxide: From Discovery to Application in Fast-Charging Lithium-Ion Batteries. Chemistry of Materials, 2021, 33, 4-18.	3.2	104
2	Large lithium storage in highly crystalline TiNb2O7 nanoparticles synthesized by a hydrothermal method as anodes for lithium-ion batteries. Solid State Ionics, 2018, 320, 7-15.	1.3	65
3	High-energy, fast-charging, long-life lithium-ion batteries using TiNb2O7 anodes for automotive applications. Journal of Power Sources, 2018, 396, 429-436.	4.0	83
4	12 V-Class Bipolar Lithium-Ion Batteries Using Li₄Ti₅O₁₂Anode for Low-Voltage System Applications. Journal of the Electrochemical Society, 2017, 164, A6254-A6259.	1.3	18
5	Thin hybrid electrolyte based on garnet-type lithium-ion conductor Li7La3Zr2O12 for 12ÂV-class bipolar batteries. Journal of Power Sources, 2016, 302, 283-290.	4.0	68
6	Influence of Initial Charge Condition on Structural Stability and Electrochemical Properties of Li1.2Ni0.2Mn0.6O2 Cathode Materials. Electrochimica Acta, 2015, 174, 406-410.	2.6	6
7	Micro-size spherical TiO2(B) secondary particles as anode materials for high-power and long-life lithium-ion batteries. Journal of Power Sources, 2015, 273, 923-930.	4.0	24
8	Characterization of Lithium Storage in TiO₂(B) by⁶Li-NMR and X-Ray Diffraction Analysis. Journal of the Electrochemical Society, 2014, 161, A348-A354.	1.3	16
9	Influence of synthesis conditions on crystal formation and electrochemical properties of TiO2(B) particles as anode materials for lithium-ion batteries. Electrochimica Acta, 2013, 112, 310-317.	2.6	18
10	Electrochemical Kinetics and Safety of 2-Volt Class Li-Ion Battery System Using Lithium Titanium Oxide Anode. Journal of the Electrochemical Society, 2009, 156, A128.	1.3	95
11	Electrochemical Kinetics and Perforamcne of 2-Volt Class Li-Ion Battery System with Safety, Quick-Charging, and High-Power. ECS Transactions, 2008, 13, 97-107.	0.3	0
12	Molecular Dynamics Simulation of Lithium Ion Conduction in the Li-ADPESS La_{0.56}Li_{0.33}TiO₃. Key Engineering Materials, 2002, 228-229, 281-284.	0.4	1
13	Lithium Ion Conductivity in the Li-ADPESS (Ca_XSr_{1-X})_{0.56}Li_{0.33}Ta_{0.775}M(III)_{0.225}O₃. Key Engineering Materials, 2001, 214-215, 227-234.	0.4	0
14	Lithium Ion Conductivity in New Li-ADPESSs La_{0.56-x}M(I)_xLi_{0.33}Ta_{2x}Ti_{1-2x}O₃. Key Engineering Materials, 2001, 216, 127-130.	0.4	2
15	An Investigation on the Perovskite Frameworks of ADPESSs and the Lithium Ion Conductivity with the DV-XÎ± Calculation. Key Engineering Materials, 2000, 181-182, 175-178.	0.4	3
16	Effects of the Framework of Li-ADPESSs on Lithium Ion Conductivity. Key Engineering Materials, 2000, 181-182, 171-174.	0.4	1
17	Lithium NMR Study on Li-Ion Conducting A-Site Deficient Perovskites. Key Engineering Materials, 2000, 181-182, 179-182.	0.4	5
18	Lithium Ion Conduction in the Ordered ans Disordered Phases of A-site Deficient Perovskite La_{0.56}Li_{0.33}TiO₃. Key Engineering Materials, 1999, 169-170, 209-212.	0.4	9

#	Article	IF	Citations
19	Lithium ion conductivity of A-site deficient perovskite solid solutions. Journal of Power Sources, 1999, 81-82, 777-781.	4.0	29
20	Lithium ion conductivity of polycrystalline perovskite La0.67Ã¢Âˆ Â'xLi3xTiO3 with ordered and disordered arrangements of the A-site ions. Solid State Ionics, 1998, 108, 407-413.	1.3	202