Satoko Takase

List of Publications by Year
in descending order

18 papers	100 citations	1683354 5 h-index	1372195 10 g-index
18 all docs	18 docs citations	18 times ranked	126 citing authors

#	Article	IF	Citations
1	Effects of Oxygen Vacancies and Reaction Conditions on Oxygen Reduction Reaction on Pyrochlore-Type Lead-Ruthenium Oxide. Journal of the Electrochemical Society, 2015, 162, F129-F135.	1.3	36
2	Effects of Crystallographic Structures of Metal-Phthalocyanine on Electrocatalytic Properties of Oxygen Reduction in Acidic Condition. Electrocatalysis, 2019, 10, 653-662.	1.5	13
3	Solâ€“gel processing of Li1.5Al0.5Ti1.5(PO4)3 solid electrolyte thin films via polymeric complex precursor. Journal of Sol-Gel Science and Technology, 2016, 79, 564-572.	1.1	11
4	Improvement of Sensing Performance of Impedancemetric C2H2 Sensor Using SmFeO3 Thin-Films Prepared by a Polymer Precursor Method. Sensors, 2019, 19, 773.	2.1	8
5	Preparation of Amperometric Hydrogen-Phosphate Ion Sensor Based on Perovskite-Type Oxide Thick-Film by EPD Process. Electrochemistry, 2010, 78, 150-152.	0.6	6
6	Wet-Chemical Preparation and Oxygen Reduction Properties of Nickel-Based Sulfide Electrocatalysts for Polymer Electrolyte Fuel Cell. Electrochemistry, 2011, 79, 364-366.	0.6	5
7	Preparation of layered perovskite-type cuprate thick-film electrode by electrophoretic deposition method and its nitrite-ion sensing properties. Journal of the Ceramic Society of Japan, 2019, 127, 703-707.	0.5	5
8	Carbonate powder mixing calcination method for low-temperature synthesis of perovskite-type SmFeO₃ fine powder. Journal of the Ceramic Society of Japan, 2013, 121, 246-249.	0.5	4
9	Pyrochlore-type Bi₂Sn₂O₇ oxide as an electrocatalyst for carbon dioxide reduction. Journal of the Ceramic Society of Japan, 2018, 126, 843-846.	0.5	3
10	A Cobalt-Nickel Metal-Alloy Thin-Film Sensor for Hydrogen-Phosphate Ion. Analytical Sciences, 2021, 37, 337-340.	0.8	3
11	Investigation of the Effect of Hydrophilicity on Oxygen Reduction Reaction Property with Measurement of Water Vapor Specific Surface Area. Electrochemistry, 2021, 89, 597-601.	0.6	2
12	Effect of Metal-Nitrate Receptor on Solid-Electrolyte Impedancemetric NO_x Sensor Performance. IEEJ Transactions on Sensors and Micromachines, 2022, 142, 13-14.	0.0	2
13	Impedancemetric Sensor Using Eu₂CuO₄ Thick Film for Detection of CO. IEEJ Transactions on Sensors and Micromachines, 2021, 141, 37-38.	0.0	1
14	Amperometric Hydrogen Peroxide Sensor Using Carbon Electrode Loaded with Perovskite-type Oxide. Electrochemistry, 2001, 69, 272-275.	0.6	1
15	Synthesis of Nano-Cobalt Metal Doped Carbon for Hydrogen-Phosphate Ion Sensor. IEEJ Transactions on Sensors and Micromachines, 2021, 141, 310-311.	0.0	0
16	Solid-State HCl Gas Sensor Using Na₅DySi₄O₁₂ and RuO₂ Electrode. IEEJ Transactions on Sensors and Micromachines, 2021, 141, 386-387.	0.0	0
17	An Impedancemetric Micro NO₂ Sensor Using Oxide and Solid-Electrolyte Thin-Films. IEEJ Transactions on Sensors and Micromachines, 2020, 140, 305-308.	0.0	0
18	Bi-functional Oxygen Electrocatalysts Using Mixed-Metal Tungsten-Nitrides in Alkaline Media. Electrochemistry, 2022, , .	0.6	0