Satoshi Hinokuma

List of Publications by Year
in descending order

16	511	933447 10	996975 15
papers	citations	h-index	g-index

16	16	16	638
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Boosting electrochemical water splitting via ternary NiMoCo hybrid nanowire arrays. Journal of Materials Chemistry A, 2019, 7, 2156-2164.	10.3	163
2	Photocatalytic hydrogen peroxide splitting on metal-free powders assisted by phosphoric acid as a stabilizer. Nature Communications, 2020, 11, 3386.	12.8	65
3	Mixed protonâ€“electronâ€“oxide ion triple conducting manganite as an efficient cobalt-free cathode for protonic ceramic fuel cells. Journal of Materials Chemistry A, 2020, 8, 11043-11055.	10.3	64
4	Dynamic Behavior of Rh Species in Rh/Al₂O₃ Model Catalyst during Three-Way Catalytic Reaction: An Operando X-ray Absorption Spectroscopy Study. Journal of the American Chemical Society, 2018, 140, 176-184.	13.7	55
5	Incorporation of Bulk Proton Carriers in Cubic Perovskite Manganite Driven by Interplays of Oxygen and Manganese Redox. Chemistry of Materials, 2019, 31, 8383-8393.	6.7	26
6	Thermostable Rh Metal Nanoparticles Formed on Al₂O₃ by High-Temperature H₂ Reduction and Its Impact on Three-Way Catalysis. Journal of Physical Chemistry C, 2019, 123, 24584-24591.	3.1	24
7	Local Structures and Catalytic Ammonia Combustion Properties of Copper Oxides and Silver Supported on Aluminum Oxides. Journal of Physical Chemistry C, 2017, 121, 4188-4196.	3.1	19
8	Effect of Thermal Aging on Local Structure and Three-Way Catalysis of Cu/Al₂O₃. Journal of Physical Chemistry C, 2019, 123, 10469-10476.	3.1	19
9	Subnano-particle Ce catalyst prepared by pulsed arc-plasma process. Catalysis Communications, 2014, 54, 81-85.	3.3	18
10	Versatile IR Spectroscopy Combined with Synchrotron XASâ€“XRD: Chemical, Electronic, and Structural Insights during Thermal Treatment of MOF Materials. European Journal of Inorganic Chemistry, 2018, 2018, 1847-1853.	2.0	17
11	Supported and unsupported manganese oxides for catalytic ammonia combustion. Catalysis Communications, 2018, 105, 48-51.	3.3	10
12	Low-Temperature Oxygen Storage of Cr^{IV}â€“Cr^V Mixed-Valence YCr_{1â€“x}P_xO_{4â^'Î´} Driven by Local Condensation around Oxygen-Deficient Orthochromite. Journal of the American Chemical Society, 2017, 139, 11197-11206.	13.7	8
13	High-valence-state manganate(<scp>v</scp>) Ba₃Mn₂O₈ as an efficient anode of a proton-conducting solid oxide steam electrolyzer. Inorganic Chemistry Frontiers, 2019, 6, 1587-1597.	6.0	8
14	Supported binary CuO_xâ€“Pt catalysts with high activity and thermal stability for the combustion of NH₃ as a carbon-free energy source. RSC Advances, 2018, 8, 41491-41498.	3.6	7
15	Effects of support materials and silver loading on catalytic ammonia combustion properties. Catalysis Today, 2018, 303, 2-7.	4.4	6
16	Metalâ€“Support Interactions in Rhodium Catalysts Supported on Tetravalent Metal Pyrophosphates (MP2O7; M = Si, Ti, and Zr). Journal of Physical Chemistry C, 0, , .	3.1	2