

Satoshi Hinokuma

List of Publications by Year in descending order

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16
papers

511
citations

933447

10
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996975

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g-index

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docs citations

16
times ranked

638
citing authors

#	ARTICLE	IF	CITATIONS
1	Mixed protonâ€“electronâ€“oxide ion triple conducting manganite as an efficient cobalt-free cathode for protonic ceramic fuel cells. <i>Journal of Materials Chemistry A</i> , 2020, 8, 11043-11055.	10.3	64
2	Photocatalytic hydrogen peroxide splitting on metal-free powders assisted by phosphoric acid as a stabilizer. <i>Nature Communications</i> , 2020, 11, 3386.	12.8	65
3	Thermostable Rh Metal Nanoparticles Formed on Al ₂ O ₃ by High-Temperature H ₂ Reduction and Its Impact on Three-Way Catalysis. <i>Journal of Physical Chemistry C</i> , 2019, 123, 24584-24591.	3.1	24
4	Incorporation of Bulk Proton Carriers in Cubic Perovskite Manganite Driven by Interplays of Oxygen and Manganese Redox. <i>Chemistry of Materials</i> , 2019, 31, 8383-8393.	6.7	26
5	Boosting electrochemical water splitting <i>via</i> ternary NiMoCo hybrid nanowire arrays. <i>Journal of Materials Chemistry A</i> , 2019, 7, 2156-2164.	10.3	163
6	High-valence-state manganate($\text{Ba}_3\text{Mn}_2\text{O}_8$) as an efficient anode of a proton-conducting solid oxide steam electrolyzer. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 1587-1597.	6.0	8
7	Effect of Thermal Aging on Local Structure and Three-Way Catalysis of Cu/Al ₂ O ₃ . <i>Journal of Physical Chemistry C</i> , 2019, 123, 10469-10476.	3.1	19
8	Versatile IR Spectroscopy Combined with Synchrotron XASâ€“XRD: Chemical, Electronic, and Structural Insights during Thermal Treatment of MOF Materials. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 1847-1853.	2.0	17
9	Effects of support materials and silver loading on catalytic ammonia combustion properties. <i>Catalysis Today</i> , 2018, 303, 2-7.	4.4	6
10	Supported and unsupported manganese oxides for catalytic ammonia combustion. <i>Catalysis Communications</i> , 2018, 105, 48-51.	3.3	10
11	Dynamic Behavior of Rh Species in Rh/Al ₂ O ₃ Model Catalyst during Three-Way Catalytic Reaction: An <i>Operando</i> X-ray Absorption Spectroscopy Study. <i>Journal of the American Chemical Society</i> , 2018, 140, 176-184.	13.7	55
12	Supported binary CuO _x â€“Pt catalysts with high activity and thermal stability for the combustion of NH ₃ as a carbon-free energy source. <i>RSC Advances</i> , 2018, 8, 41491-41498.	3.6	7
13	Local Structures and Catalytic Ammonia Combustion Properties of Copper Oxides and Silver Supported on Aluminum Oxides. <i>Journal of Physical Chemistry C</i> , 2017, 121, 4188-4196.	3.1	19
14	Low-Temperature Oxygen Storage of Cr ^{IV} â€“Cr ^V Mixed-Valence YCr ₁ â€“ <i>x</i> /sub>P<i>x/sub>O<sub>4â€“ <i>z</i> /sub> Driven by Local Condensation around Oxygen-Deficient Orthochromite. <i>Journal of the American Chemical Society</i> , 2017, 139, 11197-11206.	13.7	8
15	Subnano-particle Ce catalyst prepared by pulsed arc-plasma process. <i>Catalysis Communications</i> , 2014, 54, 81-85.	3.3	18
16	Metalâ€“Support Interactions in Rhodium Catalysts Supported on Tetravalent Metal Pyrophosphates (MP ₂ O ₇ ; M = Si, Ti, and Zr). <i>Journal of Physical Chemistry C</i> , 0, , .	3.1	2