

Masaoki Iwasaki

List of Publications by Year in descending order

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16
papers

783
citations

933447

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888059

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docs citations

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times ranked

922
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of calcination temperature on cation arrangement and oxygen storage/release capacity in cation-ordered Ce oxides. <i>Journal of Solid State Chemistry</i> , 2021, 299, 122192.	2.9	2
2	Effect of Al Substitution on Structural Stability and Topotactic Oxygen Release Rate of $\text{LaNi}_{1-x}\text{Al}_x\text{O}_{3-y}$ with Perovskite Structure. <i>ACS Applied Energy Materials</i> , 2019, 2, 3179-3184.	5.1	4
3	Mechanistic insights into a NO _x storage-reduction (NSR) catalyst by spatiotemporal operando X-ray absorption spectroscopy. <i>Catalysis Science and Technology</i> , 2019, 9, 1103-1107.	4.1	8
4	Experimental assessment of the bifunctional NH ₃ -SCR pathway and the structural and acid-base properties of WO ₃ dispersed on CeO ₂ catalysts. <i>Journal of Catalysis</i> , 2018, 359, 55-67.	6.2	59
5	Enhanced oxygen storage capacity of cation-ordered cerium-zirconium oxide induced by titanium substitution. <i>Chemical Communications</i> , 2018, 54, 3528-3531.	4.1	6
6	Mechanistic assessments of NO oxidation turnover rates and active site densities on WO ₃ -promoted CeO ₂ catalysts. <i>Journal of Catalysis</i> , 2016, 342, 84-97.	6.2	35
7	NO _x reduction performance of fresh and aged Fe-zeolites prepared by CVD: Effects of zeolite structure and Si/Al ₂ ratio. <i>Applied Catalysis B: Environmental</i> , 2011, 102, 302-309.	20.2	44
8	Hydrothermal stability enhancement by sequential ion-exchange of rare earth metals on Fe/BEA zeolites used as NO reduction catalysts. <i>Chemical Communications</i> , 2011, 47, 3966.	4.1	41
9	NO evolution reaction with NO ₂ adsorption over Fe/ZSM-5: In situ FT-IR observation and relationships with Fe sites. <i>Journal of Catalysis</i> , 2010, 273, 29-38.	6.2	56
10	A comparative study of "standard", "fast" and "NO ₂ "-SCR reactions over Fe/zeolite catalyst. <i>Applied Catalysis A: General</i> , 2010, 390, 71-77.	4.3	167
11	Analysis of the adsorption state and desorption kinetics of NO ₂ over Fe-zeolite catalyst by FT-IR and temperature-programmed desorption. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 2365.	2.8	28
12	Transient reaction analysis and steady-state kinetic study of selective catalytic reduction of NO and NO+NO ₂ by NH ₃ over Fe/ZSM-5. <i>Applied Catalysis A: General</i> , 2009, 366, 84-92.	4.3	53
13	Characterization of Fe/ZSM-5 DeNO catalysts prepared by different methods: Relationships between active Fe sites and NH ₃ -SCR performance. <i>Journal of Catalysis</i> , 2008, 260, 205-216.	6.2	246
14	Structural Study of NO Adsorbed on the Reconstructed Pt(110)-(1 Å ⁻²) Surface with X-ray Photoelectron Diffraction and Near-Edge X-ray Absorption Fine Structure Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2006, 110, 20507-20512.	2.6	6
15	Structure Analyses of Methylthiolate Adsorbed on Au(111) by Photoelectron Diffraction. <i>Hyomen Kagaku</i> , 2003, 24, 448-454.	0.0	1
16	Energy Dispersive Near Edge X-Ray Absorption Fine Structure in the Soft X-Ray Region: A New Technique to Investigate Surface Reactions. <i>Japanese Journal of Applied Physics</i> , 2001, 40, L718-L720.	1.5	20