

Synthesis and Characterization of Nanoscale CeO₂

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Characterization challenges for nanomaterials. <i>Surface and Interface Analysis</i> , 2008, 40, 529-537.	0.8	121
2	Single step synthesis of nanosized CeO ₂ •MxOy mixed oxides (MxOy=SiO ₂ , TiO ₂ , ZrO ₂ , and Al ₂ O ₃) by microwave induced solution combustion synthesis: characterization and CO oxidation. <i>Journal of Materials Science</i> , 2009, 44, 2743-2751.	1.7	45
3	A novel catalyst of silicon cerium complex oxides for selective catalytic reduction of NO by NH ₃ . <i>Journal of Rare Earths</i> , 2010, 28, 721-726.	2.5	20
4	An Update on Nanomaterials-Based Textiles for Protection and Decontamination. <i>Journal of the American Ceramic Society</i> , 2010, 93, 3955-3975.	1.9	111
5	Estimating Production Data for Five Engineered Nanomaterials As a Basis for Exposure Assessment. <i>Environmental Science & Technology</i> , 2011, 45, 2562-2569.	4.6	350
6	Promotional effect of zirconium additives on Ti _{0.8} Ce _{0.2} O ₂ for selective catalytic reduction of NO. <i>Catalysis Science and Technology</i> , 2012, 2, 589-599.	2.1	57
7	Synergetic catalysis of ceria and titania for selective reduction of NO. <i>Journal of Rare Earths</i> , 2012, 30, 431-436.	2.5	24
8	CeO ₂ •Nb ₂ O ₅ mixed oxide catalysts: Preparation, characterization and catalytic activity in fructose dehydration reaction. <i>Catalysis Today</i> , 2012, 192, 160-168.	2.2	74
9	Physicochemical characterization of Au/CeO ₂ solid. Part 1: The deposition-precipitation preparation method. <i>Materials Chemistry and Physics</i> , 2012, 137, 34-41.	2.0	9
10	Harmful Gas Recognition Exploiting a CTL Sensor Array. <i>Sensors</i> , 2013, 13, 13509-13520.	2.1	7
12	Development of highly sensitive sensor system for methane utilizing cataluminescence. <i>Luminescence</i> , 2016, 31, 183-189.	1.5	10
13	Fundamental Understanding of the Interaction of Acid Gases with CeO ₂ : From Surface Science to Practical Catalysis. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 3909-3919.	1.8	26
14	A portable embedded explosion gas detection and identification device based on intelligent electronic nose system. <i>Sensor Review</i> , 2016, 36, 57-63.	1.0	12
15	Characteristics Analysis for Volatile Organic Compounds Emission of Wood Furniture. <i>Open Materials Science Journal</i> , 2015, 9, 189-193.	0.2	0