

代表性的学术论文

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序号	论文名称	第一作者	发表年份	期刊名称
1	Bifunctional Ag@Pd-Ag nanocubes for highly sensitive monitoring of catalytic reactions by surface-enhanced Raman spectroscopy	李菊梅	2015	Journal of the American Chemical Society
2	Optimization of energy storage density and efficiency in Ba _x Sr _{1-x} TiO ₃ (x≤0.4) paraelectric ceramics	汪羽, 沈宗洋	2015	Ceramics International
3	Preparation and chromatic properties of C@ZrSiO ₄ inclusion pigment via non-hydrolytic sol-gel method	江伟辉	2015	Dyes and Pigments
4	Correlation between Multiple Growth Stages and Photocatalysis of SrTiO ₃ Nanocrystals	展红全	2015	The Journal of Physical Chemistry C
5	Enhanced piezoelectric properties of Nb and Mn co-doped CaBi ₄ Ti ₄ O ₁₅ high temperature piezoceramics	沈宗洋	2015	Materials Research Bulletin
6	Preparation of Micro-/Meso porous SiOC Bulk Ceramics	李家科	2015	Journal of the American Ceramic Society
7	A simple solvothermal process to synthesize CaTiO ₃ microspheres and its photocatalytic properties	董伟霞	2015	applied surface science
8	High piezoelectric response in KNNS-xBNKZ lead-free ceramics	李月明	2015	Journal of Materials Science: Materials in Electronics
9	Application of BaO-CaO-Al ₂ O ₃ -B ₂ O ₃ -SiO ₂ glass-ceramic seals in large size planar IT-SOFC	罗凌虹	2015	Ceramics international
10	Enhanced piezoelectric activity and temperature stability of [111]-oriented orthorhombic 0.68Pb(Mg _{1/3} Nb _{2/3})O ₃ -0.32PbTiO ₃ single crystals by domain size engineering	沈宗洋	2014	Scripta Materialia
11	454 Pyrosequencing Analysis on Microbial Diversity of an Expanded Granular Sludge Bed Reactor Treating High NaCl and Nitrate Concentration Wastewater	廖润华	2014	Biotechnology and Bioprocess Engineering
12	Encapsulated carbon black prepared by sol-gel-spraying: A new blackceramic	常启兵	2014	Journal of the European

	pigment			Ceramic Society
13	Hydrothermal steam induced crystallization synthesis of anatase TiO ₂ nanoparticles with high photovoltaic response	曾 涛	2014	Materials letters
14	Preparation of microfiltration membrane supports using coarse aluminagrains coated by nano TiO ₂ as raw materials	常启兵	2014	Journal of the European Ceramic Society
15	Electrochemical synthesis of transparent nanocrystalline Cu ₂ O films using a reverse potential waveform	胡 飞	2014	Thin Solid Films
16	立方相Na _{1/2} Bi _{1/2} TiO ₃ 和K _{1/2} Bi _{1/2} TiO ₃ 的电子结构和结构不稳定性的第一性原理比较研究	周树兰	2014	物理学报
17	Exploring the Energy Storage Mechanism of High Performance MnO ₂ Electrochemical Capacitor Electrodes:An In Situ Atomic Force Microscopy Study in Aqueous Electrolyte	周树兰	2013	Advanced Functional Materials
18	Structure and Dielectric Properties of Re _{0.02} Sr _{0.97} TiO ₃ (Re = La, Sm, Gd, Er) Ceramics for High-Voltage Capacitor Applications	沈宗洋	2013	Journal of the American Ceramic Society
19	Controllable synthesis of CaTi ₂ O ₄ (OH) ₂ nanoflakes by a facile template-free process and its propertise	董伟霞	2013	Cermics International
20	Effect of BBS-Based Frit on the Low Temperature Sintering and Electrical Properties of KNN Lead-Free Piezoceramics	李月明	2013	International Journal of Applied Ceramic Technology

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下一条: 近3年已完成科研项目

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