Metal Oxide Nanocomposites: A Perspective from Strai

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Citation Report

#	Article	IF	Citations
1	Controllable conduction and hidden phase transitions revealed via vertical strain. Applied Physics Letters, 2019, 114, 252901.	3.3	5
2	Competing Interface and Bulk Effectâ€“Driven Magnetoelectric Coupling in Vertically Aligned Nanocomposites. Advanced Science, 2019, 6, 1901000.	11.2	22
3	Atomicâ€Scale Study of Metalâ€“Oxide Interfaces and Magnetoelastic Coupling in Selfâ€Assembled Epitaxial Vertically Aligned Magnetic Nanocomposites. Advanced Materials Interfaces, 2019, 6, 1900549.	3.7	7
4	Semicoherent oxide heterointerfaces: Structure, properties, and implications. APL Materials, 2019, 7, .	5.1	19
5	Strain-driven nanodumbbell structure and enhanced physical properties in hybrid vertically aligned nanocomposite thin films. Applied Materials Today, 2019, 16, 204-212.	4.3	30
6	An anion exchange reaction: an effective approach to prepare alloyed Coâ€“Fe bimetallic disulfide for improving the electrocatalytic activity. Chemical Communications, 2019, 55, 7615-7618.	4.1	3
7	Nanostructured Materials and Interfaces for Advanced Ionic Electronic Conducting Oxides. Advanced Materials Interfaces, 2019, 6, 1900462.	3.7	39
8	Enhanced magnetism in lightly doped manganite heterostructures: strain or stoichiometry?. Nanoscale, 2019, 11, 7364-7370.	5.6	13
9	One-Pot Synthesis of High-Quality Bimagnetic Core/Shell Nanocrystals with Diverse Exchange Coupling. Journal of the American Chemical Society, 2019, 141, 3366-3370.	13.7	26
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17	Defects in complex oxide thin films for electronics and energy applications: challenges and opportunities. Materials Horizons, 2020, 7, 2832-2859.	12.2	83
18	Order-disorder behavior at thin film oxide interfaces. Current Opinion in Solid State and Materials Science, 2020, 24, 100870.	11.5	5

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20	Metal-Free Oxide-Nitride Heterostructure as a Tunable Hyperbolic Metamaterial Platform. Nano Letters, 2020, 20, 6614-6622.	9.1	38
21	Regulation of intrinsic physicochemical properties of metal oxide nanomaterials for energy conversion and environmental detection applications. Journal of Materials Chemistry A, 2020, 8, 17326-17359.	10.3	33
22	Anisotropic domains and antiferrodistortive-transition controlled magnetization in epitaxial manganite films on vicinal SrTiO3 substrates. Applied Physics Letters, 2020, 117, .	3.3	11
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