

Afisarea articolelor 1-17(17) pentru cuvîntul-cheie "perovskite"

Tailoring c-Axis Orientation in Epitaxial Ruddlesden-Popper Pr_{0.5}Ca_{1.5}MnO₄ Films

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Advanced Materials Interfaces

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Preparation of rare-earth manganite-oxide thin films by metalorganic aerosol deposition technique

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Applied Physics Letters

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Perovskite: A material of the future, used for the photovoltaic cells

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EEA - Electrotehnica, Electronica, Automatica

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Morphological and X-Ray diffraction analysis of CH₃NH₃PbI₃ perovskite semiconductor

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Fizică şi tehnică: procese, modele, experimente

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Current-voltage characteristics of ZnSe-based Perovskite solar cells with inverted planar architecture

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Journal of Optoelectronics and Advanced Materials

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Mechanisms of hopping conductivity in weakly doped La_{1-x}Ba_xMnO₃

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Spatially resolved studies of the phases and morphology of methylammonium and formamidinium lead tri-halide perovskites

Galkowski Krzysztof¹, Mitioglu Anatolie¹, Surrente Alessandro¹, Yang Zhuo¹, Maude Duncan Kennedy¹, Kossacki Piotr², Eperon Giles E.³, Wang Jacob Tse Wei³, Snaith Henry James³, Plochocka Paulina¹, Nicholas Robin John³

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Nanoscale

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Room-Temperature Hot-Polaron Photovoltaics in the Charge-Ordered State of a Layered Perovskite Oxide Heterojunction

Kressdorf Birte¹, Meyer Tobias¹, Belenciuc Alexandr¹², Şapoval Oleg¹², Ten Brink, M.¹, Melles S.¹, Hoffmann Joerg¹, Ross Ulrich¹, Moşneaga Vasile¹, Seibt Michael¹, Blochl Peter E.¹, Jooss Ch H.¹

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Effect of charge ordering on crossplane thermal conductivity in correlated perovskite oxide superlattices

Thiessen P¹², Roddatis Vladimir³, Rieger Felix², Belenciuc Alexandr⁴, Keuncke M.², Moşneaga Vasile³, Jooss Ch H.³

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Physical Review B

/ 2018 / ISSN 2469-9950 /ISSNe 2469-9969

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Intrinsic antiferromagnetic coupling underlies colossal magnetoresistance effect: Role of correlated polarons

Moşneaga Vasile¹, Belenciuc Alexandr², Huhn Sebastian¹, Kalkert Christin¹, Jungbauer Markus¹, Lebedev Oleg³, Merten Sebastian¹, Choi Kwang Yong⁴⁵, Lemmens Peter⁵, Damaschke Bernd¹, Samwer Konrad H.¹

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Electrical nonlinearity in colossal magnetoresistance manganite films: Relevance of correlated polarons

Moşneaga Vasile¹, Gehrke Kai¹, Lebedev Oleg², Sudheendra L³, Belenciuc Alexandr⁴, Raabe Stephanie⁵, Şapoval Oleg⁴, Verbeeck Johann², VanTendeloo G², Samwer Konrad H.³

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Structural phase transitions and stress accommodation in (formula presented) composite films

Lebedev Oleg¹, Verbeeck Johann¹, VanTendeloo G¹, Şapoval Oleg², Belenciuc Alexandr², Moşneaga Vasile³, Damaschke Bernd³, Samwer Konrad H.³

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Perovskite solar cells with ZnS as electron transport layer

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Proceedings of the Romanian Academy Series A - Mathematics Physics Technical Sciences Information Science

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Celule solare de perovskite cu înaltă putere de conversie

Popa Mihail¹, Tighineanu Ion²

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Applications of chalcogenides as electron transport layers and doping materials in perovskite solar cells

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Popa Mihail

Tradiție și inovare în cercetarea științifică

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Cercetări privind aplicarea unor straturi subțiri de compuși semiconductori AIIBVI în celulele solare pe bază de perovskite

Popa Mihail

Tradiție și inovare în cercetarea științifică

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