

1. Record Nr.	UNISA996391327803316
Autore	Casaubon Meric <1599-1671.>
Titolo	Merici Casauboni ... De quatuor linguis commentationis pars prior [[electronic resource]] : quae, de lingua Hebraica, et de lingua Saxonica
Pubbl/distr/stampa	Londini, : Typis J. Flesher, sumptibus Ric. Mynne ..., 1650
Descrizione fisica	[7], 418, [2], 72, [12] p
Altri autori (Persone)	SomnerWilliam <1598-1669.> LipsiusJustus <1547-1606.>
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Note generali	"Guilielmi Somneri ... ad verba vetera germanica, aì v. Cl. Justo Lipsio, epist. cent. III. ad Belgas, epist. XLIV, collecta, notae": 72 p. at end. First ed. Cf. NUC pre-1956. Second pt., which was to havde dealt with Greek and Latin, never published. Cf. NUC pre-1956. Errata: p. [7] at beginning. Reproduction of original in Huntington Library. Includes index. Imperfect: upper half of t.p. missing, information supplied from NUC pre-1956.
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2. Record Nr.	UNINA9910896192903321
Autore	Vladymyrskiy Igor
Titolo	Functional Magnetic and Spintronic Nanomaterials / / edited by Igor Vladymyrskiy, Burkard Hillebrands, Alexander Serha, Denys Makarov, Oleksandr Prokopenko
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Altri autori (Persone)	HillebrandsBurkard SerhaAlexander MakarovDenys ProkopenkoOleksandr
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Livello bibliografico	Monografia
Nota di contenuto	1. Influence of strong electron–electron correlations on the electrical conduction and magnetic properties of substitutional alloys as advanced functional spintronic material (V.V. Lizunov, I.M. Melnyk, T.M. Radchenko, S.P. Repetsky, V.A. Tatarenko – G.V. Kurdyumov Institute for Metal Physics of the N.A.S. of Ukraine, Kyiv, Ukraine) -- 2. Engineered nanocolumnar magnetic films (María Garrido-Segovia, Lidia Martínez, Yves Huttel, Sašo Gyergyek, Ana Espinosa, Elena Navarro and José Miguel García-Martín – Departamento de Física de Materiales, Universidad Complutense de Madrid, Madrid, Spain; Instituto de Micro y Nanotecnología, Madrid, Spain; Instituto de Magnetismo Aplicado, Madrid, Spain; Instituto de Ciencia de Materiales de Madrid, Madrid, Spain; Department for Materials Synthesis, Jožef Stefan Institute, Ljubljana, Slovenia) -- 3. Mn-based perpendicular magnetic tunnel junctions (Andreas Kaidatzis – Institute of Nanoscience and

Nanotechnology, N.C.S.R. "Demokritos", Athens, Greece) -- 4. Longitudinal evolution of the magnetization in nanostructure (Ivan A. Yastremsky – Taras Shevchenko National University of Kyiv, Kyiv, Ukraine) -- 5. Controlling multimagnon interaction in magnetic nanodots and spintronic nanostructures (Roman Verba, Julia Kharlan, Vladyslav Borynskyi, Denys Slobodianiuk, Arezoo Etesamirad and Igor Barsukov – Institute of Magnetism, Kyiv, Ukraine; Institute of Spintronics and Quantum Information, Faculty of Physics, Adam Mickiewicz University, Pozna, Poland; Taras Shevchenko National University of Kyiv, Kyiv, Ukraine; Physics and Astronomy, University of California, Riverside, California, USA) -- 6. Domain wall automotion by cross section tailoring in ferromagnetic nanostripes (Dmytro Karakuts, Kostiantyn V. Yershov, Denis D. Sheka – Taras Shevchenko National University of Kyiv, Kyiv, Ukraine; Leibniz-Institut für Festkörper- und Werkstoffforschung, IFW Dresden, Dresden, Germany) -- 7. Supercritical propagation of nonlinear spin wave through an antiferromagnetic magnonic crystal (Oksana Yu. Gorobets, Volodymyr V. Kulish, Ihor A. Syzon, Daryna V. Provolovska – National Technical University of Ukraine «Igor Sikorsky Kyiv Polytechnic Institute», Kyiv, Ukraine) -- 8. Energy conversion and energy harvesting in spin diodes (Ivan Fantych, Volodymyr Prokopenko, Oleksandr Prokopenko – Taras Shevchenko National University of Kyiv, Kyiv, Ukraine) -- 9. Magnetic nanocomponents for frequency converting in quantum computing technologies (A.A. Girich, S.V. Nedukh, S.Yu. Polevoy, B. Rami, K.Yu. Sova, S.I. Tarapov, A.S. Vakula – O.Ya. Usikov Institute for Radiophysics and Electronics of the N.A.S. of Ukraine, Kharkiv, Ukraine; Gebze Technical University, Gebze, Turkey) -- 10. Hybrid quantum systems for quantum transduction based on magnonic materials (S. Kazan, N.G. Saribas, M. Maksutoglu, S.Ç. Yorulmaz, E. Avinca, F. Yildiz, S.I. Tarapov, B. Rami – O.Ya. Usikov Institute for Radiophysics and Electronics of the N.A.S. of Ukraine, Kharkiv, Ukraine; V.N. Karazin Kharkiv National University, Kharkiv, Ukraine; Gebze Technical University, Kocaeli, Türkiye).

Sommario/riassunto

Macroscopic objects made of magnetic materials have been known to mankind for several thousand years and are widely used in various fields of human activity. With the development and practical implementation of microelectronics, and more recently nanoelectronics, it has become possible to develop and manufacture magnetic nanomaterials, dramatically expanding the scope of magnetics in modern technologies. Today, magnetic nanomaterials and nanostructures are key components of advanced information technologies. They are widely used in eMobility, medicine, sensors, robotics, etc., and have significant potential for application in prospective smart wearables and human-machine interfaces. This volume outlines recent research in the field of functional magnetic and spintronic materials. Each of the 10 chapters in the volume is self-contained, allowing the topics to be explored independently of the material in other chapters. The book covers the entire "life cycle" of magnetic/spintronic nanomaterials: from theoretical and numerical studies of their properties (Ch. 1), fabrication and experimental study of film systems (Ch. 2), fabrication of nanostructures (Ch. 3), study of electromagnetic phenomena occurring in such nanostructures (Chs. 4-10), to the use of these nanostructures in new technologies, particularly in spintronic energy harvesting (Ch. 9) and quantum sensing (Ch. 10). Some of the contributions to this volume were presented as lectures and reports at the Advanced Research Workshop "Functional Spintronic Nanomaterials for Radiation Detection and Energy Harvesting" (25–27 September 2023, Kyiv, Ukraine), which was

