

## [Menendez Enric](#)

Publicații peste hotare - [3](#).

Publicații indexate în SCOPUS - [3](#). Teze/Rezumate în culegeri - [1](#).

### 2021 - 1

#### **Voltage-Induced ON Switching of Magnetism in Ordered Arrays of Non-Ferrimagnetic Nanoporous Iron Oxide Microdisks**

*Cialone Matteo<sup>1</sup>, Nicolenco Aliona<sup>1,2</sup>, Robbennolt Shauna<sup>1</sup>, Menendez E.<sup>1</sup>, Rius Gemma<sup>3</sup>, Sort Jordi Julia<sup>4,5</sup>*

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<sup>5</sup> Institució Catalana de Recerca i Estudis Avançats (ICREA)

#### **Advanced Materials Interfaces**

Nr. 1(8) / 2021 / ISSN 2196-7350

Disponibil online 9 April, 2021. Descarcări-0. Vizualizări-523

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### 2020 - 1

#### **Strain gradient mediated magnetoelectricity in Fe-Ga/P(VDF-TrFE) multiferroic bilayers integrated on silicon**

*Nicolenco Aliona<sup>1,2</sup>, Gomez Andres<sup>3</sup>, Chen Xiangzhong<sup>4</sup>, Menendez E.<sup>1</sup>, Fornell Jordina<sup>1</sup>, Pane Salvador<sup>4</sup>, Pellicer Eva<sup>1</sup>, Sort Jordi Julia<sup>1,5</sup>*

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#### **Applied Materials Today**

Nr. 19 / 2020 / ISSN 2352-9407

Disponibil online 17 February, 2020. Descarcări-0. Vizualizări-749

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### 2019 - 1

#### **Electric Field Control of Magnetism in Iron Oxide Nanoporous Thin Films**

*Robbennolt Shauna<sup>1</sup>, Nicolenco Aliona<sup>1,2</sup>, Mercier Fernandez Pau<sup>1</sup>, Auffret Stephane<sup>3</sup>, Baltz Vincent<sup>3</sup>, Pellicer Eva<sup>1</sup>, Menendez E.<sup>1</sup>, Sort Jordi Julia<sup>1</sup>*

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#### **ACS Applied Materials and Interfaces**

Vol. 11, / 2019 / ISSN - / ISSNe 1944-8244

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**2018 - 1**

**Magnetoelectric effects in nanoporous alloys as a means to enhance energy efficiency in magnetically actuated devices**

*Sort J.<sup>1,2</sup>, Navarro-Senent C.<sup>1</sup>, Quintana A.<sup>1</sup>, Menendez E.<sup>1</sup>, Fornell Jordina<sup>1</sup>, Zhang Jun<sup>1</sup>, Baro M.D.<sup>1</sup>, Nogues J.<sup>3,4</sup>, Pellicer Eva<sup>1</sup>*

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<sup>4</sup> Barcelona Institute of Science and Technology (BIST)

**Materials Science and Condensed Matter Physics**

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