

**Utrecht University**

**Lista publicațiilor - 9 articole. [Descărcări](#) - 4. [Vizualizări](#) - 6618.**

**Articole în reviste din RM - 2. [Publicații la conferințe din RM](#) - 1. [Publicații peste hotare](#) - 6.**

**Al<sub>2</sub>O<sub>3</sub>/ZnO composite-based sensors for battery safety applications: An experimental and theoretical investigation**

*Santos-Carballal David, Lupan Oleg, Magariu Nicolae, Ababii Nicolai, Kruger Helge, Bodduluri Mani Teja, De Leeuw Nora H., Hansen Sandra, Adelung Rainer*

**Nano Energy**

Vol. 109, / 2023 / ISSN 2211-2855

Disponibil online 9 June, 2023. Descărcări-0. Vizualizări-286

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**Eight years of mental health reform in Moldova**

*Shields-Zeeman Laura S., Chihai Jana*

**All together for mental health: trauma and its prices for humanity**

Nr. 6(63) / 2015 / ISSN 1729-8687 / ISSN<sub>e</sub> 2587-3873

Disponibil online 1 February, 2024. Descărcări-0. Vizualizări-130

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**Nanosensors Based on a Single ZnO:Eu Nanowire for Hydrogen Gas Sensing**

*Lupan Cristian, Mishra Abhishek Kumar, Mishra Abhishek Kumar, Drewes Jonas, Kruger Helge, Kruger Helge, Lupan Oleg, Pauporte Thierry, Pauporte Thierry, Kienle Lorenz, Adelung Rainer, De Leeuw Nora H., Hansen Sandra*

**ACS Applied Materials and Interfaces**

Vol. 14, / 2022 / ISSN - / ISSN<sub>e</sub> 1944-8244

Disponibil online 12 July, 2023. Descărcări-0. Vizualizări-211

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**Heterostructure-based devices with enhanced humidity stability for H<sub>2</sub> gas sensing applications in breath tests and portable batteries**

*Lupan Oleg, Ababii Nicolai, Mishra Abhishek Kumar, Bodduluri Mani Teja, Magariu Nicolae, Vahl Alexander, Kruger Helge, Wagner Bernhard, Faupel Franz, Adelung Rainer, De Leeuw Nora H., Hansen Sandra*

**Sensors and Actuators, A: Physical**

Nr. 329 / 2021 / ISSN 0924-4247

Disponibil online 8 June, 2021. Descărcări-0. Vizualizări-694

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**Surface functionalization of ZnO:Ag columnar thin films with AgAu and AgPt bimetallic alloy nanoparticles as an efficient pathway for highly sensitive gas discrimination and early hazard detection in batteries**

*Vahl Alexander, Lupan Oleg, Santos-Carballal David, Postica Vasile, Hansen Sandra, Cavers Heather, Wolff Niklas, Terasa Maik-Ivo, Hoppe Mathias, Cadi-Essadek Abdelaziz, Dankwort Torben, Kienle Lorenz, De Leeuw Nora H., Adelung Rainer, Faupel Franz*

**Journal of Materials Chemistry A**

Vol. 8, / 2020 / ISSN 2050-7488 / ISSN<sub>e</sub> 2050-7496

Disponibil online 4 September, 2020. Descărcări-0. Vizualizări-757

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**Tuning ZnO Sensors Reactivity toward Volatile Organic Compounds via Ag Doping and Nanoparticle Functionalization**

*Postica Vasile, Vahl Alexander, Santos-Carballal David, Dankwort Torben, Kienle Lorenz, Hoppe Mathias, Cadi-Essadek Abdelaziz, De Leeuw Nora H., Terasa Maik-Ivo, Adelung Rainer, Faupel Franz, Lupan Oleg*

**ACS Applied Materials and Interfaces**

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

Disponibil online 3 October, 2019. Descarcări-0. Vizualizări-979

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**Tuning doping and surface functionalization of columnar oxide films for volatile organic compound sensing: experiments and theory**

*Postica Vasile, Vahl Alexander, Strobel Julian, Santos-Carballal David, Lupan Oleg, Cadi-Essadek Abdelaziz, De Leeuw Nora H., Schutt Fabian, Polonskyi Oleksandr, Strunskus Thomas, Baum Martina J., Kienle Lorenz, Adelung Rainer, Faupel Franz*

**Journal of Materials Chemistry A**

Vol. 6, / 2018 / ISSN 2050-7488 / ISSNe 2050-7496

Disponibil online 10 December, 2018. Descarcări-0. Vizualizări-1031

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**The case-based training and experimental economic practices in handling complex problems**

*DeTombe Dorien, Tolordava Jeanne*

**Relații internaționale. Plus**

Nr. 3 / 2014 / ISSN 1857-4440 / ISSNe 2587-3393

Disponibil online 9 February, 2015. Descarcări-1. Vizualizări-928

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**Using the seven-layer communication model of the analysis of complex societal policy problems**

*DeTombe Dorien*

**Relații internaționale. Plus**

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Disponibil online 9 February, 2015. Descarcări-3. Vizualizări-1602

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