Articole ISI

2021

1. A.-M. Dobos, E.-L. Ursu , L.-M. Gradinaru, **M. Dobromir** and A. Filimon,

Matching the Cellulose/Silica Films Surface Properties for Design of Biomaterials That Modulate Extracellular Matrix

Membranes, 2021, 11, 840. https://doi.org/10.3390/membranes11110840

(60 puncte x AIS+25)/nr. autori =

2. N. Fifere, A. Airinei, **M. Dobromir**, L. Sacarescu and S. I. Dunca

Revealing the Effect of Synthesis Conditions on the Structural, Optical, and Antibacterial Properties of Cerium Oxide Nanoparticles

Nanomaterials, Volume11, Issue10, Article Number: 2596, DOI10.3390/nano11102596, October 2021

(60 puncte x AIS+25)/nr. autori = (60*0.7+25)/5=13.4

3. C.T. Konrad-Soare, F. Enescu, D.G. Dimitriu, M. Dobromir, E.G. Teodorescu-Soare, F. Mazzanti, S.A. Irimiciuc, .C Ionita, R. Schrittwieser

Concentric double hollow grid cathode discharges. Spectral investigations and phenomenological approach

Plasma Sources Science & Technology, Volume30, Issue8, Article Number: 085006, DOI10.1088/1361-6595/ac0fc8, August 2021

(60 puncte x AIS+25)/nr. autori = (60*0.9+25)/9=8.777

2020

1. L. Hrostea, L. Leontie, **M. Dobromir**, C. Doroftei, M. Girtan

On the Electrical and Optical Properties Stability of P3HT Thin Films Sensitized with Nitromethane Ferric Chloride Solutions

Coatings, 10, 1074; doi:10.3390/coatings10111074, November 2020

(60 puncte x AIS+25)/nr. autori =

2. **M. Dobromir**, C. T. Konrad-Soare, G. Stoian, A. Semchenko, D. Kovalenko, D. Luca

Surface Wettability of ZnO-Loaded TiO2 Nanotube Array Layers

Nanomaterials, 10, 1901; doi:10.3390/nano10101901, Octomber 2020

(60 puncte x AIS+25) = 60*0.7+25=67

2019

1. C T Teodorescu-Soare, **M Dobromir**, A Ciobanu, M Luca, G Stoian, D Luca

Synthesis and optimization of photocatalytic performance of WO3-loaded TiO2 nanotube array layers

Semiconductor Science and Technology, Vol. 34, 075027, 2019

(60 puncte x AIS+25)/nr. autori = (60*0.7+25)/6=11.166

2018

1. B. Hodoroaba, I.C. Gerber, D. Ciubotaru, I. Mihaila, **M. Dobromir**, V. Pohoata, I. Topala

Carbon 'fluffy' aggregates produced by helium-hydrocarbon high-pressure plasmas as analogues to interstellar dust

Monthly Notices of the Royal Astronomical Society, Vol. 481, Issue: 2, pp. 2841-2850, December 2018

(60 puncte x AIS+25)/nr. autori = (60*1.6+25)/7=17.285

2. M. Crisan, D. Mardare, A. Ianculescu, N. Dragan, I. Nitoi, D. Crisan, M. Voicescu, L. Todan, P. Oancea, C. Adomnitei, **M. Dobromir**, M. Gabrovska, B. Vasile

Iron doped TiO_2 films and their photoactivity in nitrobenzene removal from water

Applied Surface Science, Vol. 455, pp. 201-215, October 2018

(60 puncte x AIS+25)/nr. autori = (60*0.6+25)/13=4.692

3. C.T. Teodorescu-Soare, C. Catrinescu, **M. Dobromir**, G. Stoian, A. Arvinte, D. Luca

Growth and characterization of TiO_2 nanotube arrays under dynamic anodization. Photocatalytic activity

Journal of Electroanalytical Chemistry, Vol. 823, pp. 388-396, August 2018

(60 puncte x AIS+25)/nr. autori = (60*0.5+25)/6=9.166

4. D. Macovei, V. Tiron, C. Adomnitei, D. Luca, **M. Dobromir**, S. Antohe, D. Mardare

On the hydrophilicity of Ni-doped TiO2 thin films. A study by X-ray absorption spectroscopy

Thin Solid Films, Vol. 657, pp. 42-49, July 2018

(60 puncte x AIS+25)/nr. autori = (60*0.4+25)/7=7

5. R. Jijie, A. Barras, T. Teslaru, I. Topala, V. Pohoata, **M. Dobromir**, T. Dumych, J. Bouckaert, S. Szunerits, N. Dumitrascu, R. Boukherroub

Aqueous medium-induced micropore formation in plasma polymerized polystyrene: an effective route to inhibit bacteria adhesion

Journal of Materials Chemistry B, Vol. 6, Issue: 22, pp. 3674-3683, June 2018

(60 puncte x AIS+25)/nr. autori = (60*1+25)/11=7.727

2017

1. F. Gheorghiu, M. Simenas, C.E. Ciomaga, M. Airimioaei, V. Kalendra , J. Banys , **M. Dobromir**, S. Tascu , L. Mitoseriu

Preparation and structural characterization of Fe-doped $BaTiO_3$ diluted magnetic ceramics

Ceramics International, Vol. 43, 9998–10005, May 2017

(60 puncte x AIS+25)/nr. autori = (60*0.5+25)/9=6.111

TOTAL= 152.324 puncte