

Lucrări științifice ISI în calitate de autor principal

Nr. crt.	Titlu și autori	Revista, volum, nr. pagini	Anul	IF
1	Studies on antioxidant effects of the red grapes seed extract from Vitis vinifera, Burgund Mare, Recaș in pregnant rats. Mureșan A, Alb C, Suci S, Clichici S, Filip A, Login C, Decea N, Mocan T.	Acta Physiologica Hungarica Vol.97 Nr. 2 Pag. 240-246.	2010	1.22 Q4(2017)
2	Implication of oxidative stress mechanisms in toxicity of nanoparticles Mocan T , Clichici S, Agoșton-Coldea L, Mocan L, Șimon Ș, Ilie IR, Iancu C, Biriș AR, Mureșan A,	Acta Physiol Hung. Vol.97 Nr.3 Pag.247-255	2010	1.22 Q4(2017)
3	Enhanced laser thermal ablation for the in vitro treatment of liver cancer by specific delivery of multiwalled carbon nanotubes functionalized with human serum albumin Cornel Iancu, Lucian Mocan, Constantin Bele, Anamaria Ioana Orza, Flaviu Tabaran, Cornel Catoi, Rares Stiufiuc, Ariana Stir, Cristian Matea, Dana Iancu, Lucia Agoston-Coldea, Florin Zaharie, Teodora Mocan	International Journal of Nanomedicine, Vol. 6 Pag. 129-141	2011	3.13 Q1(2017)
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5	Left atrium systolic and diastolic function assessment in hypertensive patients with preserved ejection fraction. Agoston-Coldea L, Lupu S, Hicea S, Mocan T	Acta Physiologica Hungarica Vol.100 Nr. 2 Pag. 140-152.	2013	0.74 Q4(2017)
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7	Serum levels of the soluble IL-1 receptor family member ST2 and right ventricular dysfunction. Agoston-Coldea L, Lupu S, Hicea S, Paradis A, Mocan T. PREMIU CNCSIS Premiarea Rezultatelor Cercetarii-Articole PN-II-RU-PRECISI- 2014-8-6186	Biomarkers In Medicine Vol.8 Nr. 1 Pag. 95-106	2014	2.85 Q3(2017) Premiat Q2(2014)

8	Surface plasmons photoactivated gold nanoparticles as bactericidal agents against Methicilin resistant Staphylococcus Aureus. Lucian Mocan, Ioana Ilie, Flaviu Tabaran, Cristian Matea, Cornel Iancu, Teodora Mocan.	International Journal of Nanomedicine 2014, Vol.9 Pag.1453-1461	2014	4.38 Q1(2017)
9	Photothermal Treatment of Human Pancreatic Cancer Using PEGylated Multi-Walled Carbon Nanotubes Induces Apoptosis by Triggering Mitochondrial Membrane Depolarization Mechanism. Mocan T , Matea CT, Cojocaru I, Ilie I, Tabaran FA, Zaharie F, Iancu C, Bartos D, Mocan L.	J Cancer. Vol.5 Nr.8 Pag.679-688	2014	3.27 Q3(2017)
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11.	Photothermal treatment of liver cancer with albumin-conjugated gold nanoparticles initiates Golgi Apparatus-ER dysfunction and caspase-3 apoptotic pathway activation by selective targeting of Gp60 receptor. Mocan L, Matea C, Tabaran FA, Mosteanu O, Pop T, Mocan T , Iancu C. PREMIU CNCISIS Premiara Rezultatelor Cercetarii-Articole PN-II-RU-PRECISI- 2015-9-7958	Int J Nanomedicine. Vol.10 Pag.5435-5445	2015	4.38 Q1(2017) Premiat Q1(2015)
12	In Vitro Administration of Gold Nanoparticles Functionalized with MUC-1 Protein Fragment Generates Anticancer Vaccine Response via Macrophage Activation and Polarization Mechanism. Mocan T , Matea C, Tabaran F, Iancu C, Orasan R, Mocan L. PREMIU CNCISIS Premiara Rezultatelor Cercetarii-Articole PN-II-RU-PRECISI- 2015-9-7949.	J Cancer. Vol.6 Nr.6 Pag.583-592	2015	3.27 Q3(2017) Premiat Q2(2015)
13	Selective laser ablation of Methicillin-resistant Staphylococcus aureus with IgG functionalized multi-walled carbon nanotubes. Journal of Biomedical Nanotechnology in press Lucian Mocan, Ioana Ilie, Flaviu A. Tabaran, Cornel Iancu, Matea Cristian, Ofelia Mosteanu, Teodora Pop, Claudiu Zdrehus, Teodora Mocan. PREMIU CNCISIS Premiara Rezultatelor Cercetarii-Articole PN-III-P1-1.1- PRECISI-2016- 13010	Journal of Biomedical Nanotechnology Vol.12 Pag.1-8-in press	2016	5.33 Q1(2017) Premiat Q3(2016)

14	Laser thermal ablation of multidrug-resistant bacteria using functionalized gold nanoparticles. Mocan L, Tabaran FA, Mocan T , Pop T, Mosteanu O, Agoston-Coldea L, Matea CT, Gonciar D, Zdrehus C, Iancu C.	Int J Nanomedicine. Vol 23 Nr 12 Pag 2255-2263.	2017	4.32 Q1(2017)
15	Development of nanoparticle-based optical sensors for pathogenic bacterial detection. Mocan T , Matea CT, Pop T, Mosteanu O, Buzoianu AD, Puia C, Iancu C, Mocan L.	J Nanobiotechnology. 2017 Mar 31;15(1):25.	2017	4.23 Q1(2017)
16	Selective ex vivo photothermal nano-therapy of solid liver tumors mediated by albumin conjugated gold nanoparticles. Mocan L, Matea C, Tabaran FA, Mosteanu O, Pop T, Puia C, Agoston-Coldea L, Zaharie G, Mocan T , Buzoianu AD, Iancu C.	Biomaterials. Vol 119 Pag.33-42.	2017	8.40 Q1(2017)
17.	Carbon nanotubes as antibacterial agents Mocan T , Matea TC, Pop Teodora, Mosteanu O, Buzoianu AD, Suci S, Puia C, Zdrehus C, Iancu C, Mocan L.	Cell.Mol.Life Sci DOI 10.1007/s00018-017-2532-y	2017	5.78 Q1(2017)
18.	Development of nanoparticle-based optical sensors for pathogenic bacterial detection Mocan T , Matea TC, Pop T, Mosteanu O, Buzoianu AD, Puia C, Iancu C, Mocan L.	J Nanobiotechnol Vol 15 Nr 25 Pag 1-14	2017	4.94 Q1(2017)
19	Selective in vitro photothermal nano-therapy of MRSA infections mediated by IgG conjugated gold nanoparticles. Mocan L, Matea C, Tabaran F, Mosteanu O, Pop T, Puia C, Agoston-Coldea L, Gonciar D, Kalman E, Zaharie G, Iancu C, Mocan T.	Scientific Reports Vol 6 Pag 39466 DOI 10.1038/srep39466	2017	5.52 Q1(2017)

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Nr. crt.	Titlu și autori	Revista, volum, nr. pagini	Anul	IF
1	The correlation between metabolic syndrome parameters and heart failure severity in patients with prior myocardial infarction. Agoston-Coldea L, Mocan T , Gatfosse M, Pais R, Dumitrascu DL.	Acta Endocrinologica 4(3):251-261.	2008	0
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4	The correlation between plasma apolipoprotein B and A-I, lipoprotein (a) concentrations and coronary heart disease. Agoston-Coldea L, Mocan T , Gatfosse M, Dumitrascu DL.	Cent Eur J Med. 3(4):422-429.	2008	0
5	C677T and A1298C mutations in the MTHFR gene and survival in colorectal cancer. Osian G, Procopciuc L, Vlad L, Iancu C, Mocan T , Mocan L.	J Gastrointestin Liver Dis, Vol. 18 Nr. 4 Pag.:455-460.	2009	1.26
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9.	Implementing Fast-Track Protocol for Colorectal Surgery; A Prospective Randomized Clinical Trial.	World J Surg, Vol.33 Nr. 11 Pag. 2433-	2009	2.69

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10	Applications of Nanomaterials in Cell Stem Therapies and the Onset of Nanomedicine. Cornel Iancu, Ioana R. Ilie, Carmen E. Georgescu, Răzvan Ilie, Alexandru R. Biriș, Teodora Mocan , Lucian C. Mocan, Florin Zaharie, Dana Todea-Iancu, sergiu Susman, Dan Rus Ciuca, Alexandru S. Biriș	Particulate Science and Technology, Vol.27, Nr. 6, Pag. 562-574	2009	0.52
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23.	Blood oxidative stress generation after intraperitoneal administration of functionalized single-walled carbon nanotubes in rats. Clichici S, Mocan T , Filip A, Biris A, Simon S, Daicoviciu D, Decea N, Parvu A, Moldovan R, Muresan A.	Acta Physiologica Hungarica Vol.98 Nr. 2 Pag. 231-241.	2011	0.82
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34.	A novel immunoglobulin G monolayer silver bio-nanocomposite. Matea CT, Mocan T , Zaharie F, Iancu C, Mocan L.	Chem Cent J. Vol.9 Nr.55 Pag.1-7	2015	2.18

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4.	A New Prediction Score for Myocardial Infarction: MINF SCORE. Mocan T , Agoston-Coldea L, Gatfosse M, Rosenstingl S, Mocan LC, Dumitrascu DL.	Rom. J. Intern. Med., 46(2):145-151.	2008
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5.	The plasma homocysteine concentrations and prior myocardial infarction. Agoston-Coldea L, Mocan T , Seicean A, Gatfosse M, Rosenstingl S.	Rom. J. Intern. Med. 48(1):67-72.	2010
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