

Lista de lucrari stiintifice Lucian Mocan				
Nr. crt.	Title	Journal	Year	Factor De Impact
1	Host-related predictive factors for anastomotic leakage following large bowel resections for colorectal cancer. Iancu C, Mocan LC, Todea-Iancu D, Mocan T, Acalovschi I, Ionescu D, Zaharie FV, Osian G, Puia CI, Muntean V.	J Gastrointestin Liver Dis. 2008 vol. 17 nr. 3 Pag.299-303.	2008	0
2	Liver resection for benign hepatic lesion: mortality, morbidity and risk factors for postoperative complications. Tomuş C, Iancu C, Bălă O, Graur F, Furcea L, Zaharie F, Mocan L, Vlad L	Chirurgia, Vol. 104 Nr. 3 Pag. 275-280.	2009	0
3	Implementing Fast-Track Protocol for Colorectal Surgery; A Prospective Randomized Clinical Trial. Daniela Ionescu, Cornel Iancu, Daniela Ion, Nadim Al-Hajjar, Simona Margarit, Lucian Mocan, Teodora Mocan, Delia Deac, Raluca Bodea, Horatiu Vasian	World J Surg, Vol.33 Nr. 11 Pag. 2433-2438	2009	2.69
4	Applications of Nanomaterials in Cell Stem Therapies and the Onset of Nanomedicine. Cornel Iancu, Ioana R. Ilie, Carmen E. Georgescu, Răzvan Ilie, Alexandru R. Biriş, Teodora Mocan, Lucian C. Mocan, Florin Zaharie, Dana Todea-Iancu, sergiu Susman, Dan Rus Ciuca, Alexandru S. Biriş	Particulate Science and Technology, Vol.27, Nr. 6, Pag. 562-574	2009	0.52
5	Synergistic enhancement of cancer therapy using a combination of carbon nanotubes and antitumor drug. Mahmood M, Karmakar A, Fejleh A, Mocan Teodora, Iancu C, Mocan L, Iancu Dana, Xu Y, Dervishi E, Li Z, Biriş AR, Agarwal R, Ali N, Galanzha EI, Biriş AS, Zharov VP	Nanomedicine, Vol 4, Nr. 8, Pag. 883-893	2009	5.98
6	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
7	Cytotoxicity and biological effects of functional nanomaterials delivered to various cell lines. Meena Mahmood, Daniel A. Casciano, Teodora Mocan, Cornel Iancu, Yang Xu, Lucian Mocan, Dana Todea Iancu, Enkeleda Dervishi, Zhohgrui Li, Mustafa Abdalmuhsen, Alexandru R. Biriş, Nawab Ali, Paul Howard, Alexandru S. Biriş	J Appl Toxicol Vol.30 Nr.1 Pag.74-83	2010	2.32
8	The evaluation of enzymatic and biochemical changes in radiofrequency liver resections. Finta O, Mocan L, Vlad L.	Chirurgia Vol. 105 Nr. 4. Pag.493-499	2010	0.56

9	Laparoscopic treatment of a large trichobezoar in the stomach with gastric perforation and abdominal wall abscess. Zaharie F, Iancu C, Tanțau M, Mocan L, Bartoș A, Mihăileanu F, Iancu D, Tomuș C, Zaharie R, Vlad L.	Chirurgia Vol.105 Nr.5 Pag.713-716	2010	0.56
10	NAT2 polymorphisms and sporadic colorectal cancer survival. Osian G, Procopciuc L, Vlad L, Iancu C, Cristea PG, Mocan T, Mocan L.	J Gastrointestin Liver Dis. Vol.19 Nr.4 Pag.361-368	2010	1.43
11	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
12	The polycystic ovary syndrome (PCOS) status and cardiovascular risk in young women Ilie IR, Pepene CE, Marian I, Mocan T, Hazi G, Drăgoțiu G, Ilie R, Mocan L and Duncea I	Central European Journal of Medicine, Vol.6 Nr.1 Pag.64- 75	2011	0.31
13	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 Stiuțiu, 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
14	Jejunal ischemic ulcer with perforation: a case report. Iancu C, Bartoș A, Bartoș D, Mocan L, Bodea R.	Chirurgia (Bucur). Vol.106 Nr.2 Pag.255-257	2011	0.37
15	Selective ex-vivo photothermal ablation of human pancreatic cancer with albumin functionalized multiwalled carbon nanotubes L. Mocan, F.A. Tabaran, Teodora Mocan, C. Bele, Anamaria Orza, C. Lucan, R. Stiuțiu, Ioana Manaila, Iulia Ferencz, Dana Iancu, F. Zaharie, G. Osian, L. Vlad, C. Iancu	International Journal of Nanomedicine, Vol.6 Pag.915-928	2011	3.13
16	Non-ulcerous duodenal perforations: a clinical analysis of 23 cases. Osian G, Vlad L, Iancu C, Răchieru C, Puia C, Al Hajjar N, Mocan L, Cristea PG.	Chirurgia (Bucur). Vol.106 Nr.3 Pag.321-325	2011	0.37
17	Dynamic effects over plasma redox ballance following subcutaneous injection of single walled carbon nanotubes functionalized with single strand DNA, Mocan, T.; Clichici, S.; Biriș, A. R.; Simon, S.; Catoi, C.; Tabaran, F.; Filip, A.; Daicoviciu, D.; Decea, N.; Moldovan, R.; Mocan, L.; Muresan, A.	Digest Journal Of Nanomaterials And Biostructures Digest Journal Of Nanomaterials And Biostructures Vol. 6, Nr 3, Pag. 1207-1214	2011	2.075

18	Improvement in the quality of life for patients with adjustable gastric banding: initial results. Puia IC, Cristea PG, Puia VR, Mocan L, Mitre C, Zdrehus C, Ionescu D.	Chirurgia (Bucur). Vol.106 Nr.3 Pag.341-345	2011	0.37
19	Advances in cancer therapy through the use of carbon nanotube-mediated targeted hyperthermia. Iancu C, Mocan L.	Int J Nanomedicine. Vol.6 Pag.1675-1684	2011	3.13
20	Surgical management of malignant large bowel obstructions. Zaharie F, Mocan L, Mocan T, Tomus C, Hodor V, Al Hajjar N, Munteanu D, Puia I, Bala O, Zaharie R, Ilie O, Bartos D, Bartos A, Vlad L, Iancu C.	Chirurgia (Bucur). Vol.106 Nr.4 Pag.479-484	2011	0.37
21	Laparoscopic low anterior resection with total mesorectal excision for rectal cancer. Zaharie F, Mocan L, Tomus C, Zaharie R, Iancu C.	Hepatogastroenterology. Vol.59 Nr.14 Pag.405-408	2012	0.65
22	Thoracoscopic and Laparoscopic Esophagectomy with Cervical Manual Anastomosis for Esophageal Cancer. Zaharie F, Mocan L, Tomuş C, Iancu C.	Hepatogastroenterology. Vol.59 Nr.118 Pag.1835-1839	2012	0.65
23	Risk factors for anastomotic leakage following colorectal resection for cancer. Zaharie F, Mocan L, Tomuş C, Mocan T, Zaharie R, Bartoş D, Bartoş A, Vlad L, Iancu C.	Chirurgia (Bucur). Vol.107 Nr.1 Pag.27-32	2012	0.77
24	Influence of nanomaterials on stem cell differentiation: designing an appropriate nanobiointerface. Ilie I, Ilie R, Mocan T, Bartos D, Mocan L.	Int J Nanomedicine. Vol.7 Pag.2211-2225	2012	3.46
25	Evaluation of prognostic factors for colon cancer. Olariu A, Bartoş A, Bartoş D, Neciu C, Mocan L, Zaharie F, Bodea R, Iancu C.	Chirurgia (Bucur). Vol.107 Nr.2 Pag.174-179	2012	0.77
26	Ethinylestradiol30µg-drospirenone and metformin: could this combination improve endothelial dysfunction in polycystic ovary syndrome? Ilie IR, Marian I, Mocan T, Ilie R, Mocan L, Duncea I, Pepene CE.	BMC Endocr Disord. Vol.12 Nr.9 Pag.1-9	2012	2.65
27	Management of bile duct injuries secondary to laparoscopic and open cholecystectomy. The experience of a single surgical department. Mihăileanu F, Zaharie F, Mocan L, Iancu C, Vlad L.	Chirurgia (Bucur). Vol.107 Nr.4 Pag.454-460	2012	0.77
28	Perforated appendix with periappendicular abscess in a inguinal hernia sac--Amyand's hernia. Zaharie F, Tomuş C, Mocan L, Bartoş A, Bartoş D, Zaharie R, Iancu C.	Chirurgia (Bucur). Vol.107 Nr.4 Pag.521-523	2012	0.77
29	Intestinal obstruction secondary to appendiceal mucocele. Zaharie F, Tomuş C, Mocan L, Spârchez Z, Zaharie R, Iancu C.	Chirurgia (Bucur). Vol.107 Nr.6 Pag.802-804	2012	0.77

30	Minimal invasive treatment of abdominal multiorgan echinococcosis. Tomuş C, Zaharie F, Mocan L, Bartos D, Zaharie R, Iancu C, Nadim AH.	Int Surg. Vol.98 Nr.1 Pag.61-64	2013	0.24
31	Open or laparoscopic treatment for hydatid disease of the liver? A 10-year single-institution experience. Zaharie F, Bartos D, Mocan L, Zaharie R, Iancu C, Tomus C	Surg Endosc. Vol.27 Nr.6 Pag.2110-2116	2013	3.3
32	Long term outcome following surgical treatment for distal gastric cancer. Mocan L, Tomus C, Bartos D, Zaharie F, Ioana I, Bartos A, Puia C, Necula A, Mocan T, Iancu C.	J Gastrointestin Liver Dis. Vol.22 Nr.1 Pag.53-58	2013	1.84
33	Nicotinamide-functionalized multiwalled carbon nanotubes increase insulin production in pancreatic beta cells via MIF pathway. Ilie I, Ilie R, Mocan T, Tabaran F, Iancu C, Mocan L.	International Journal of Nanomedicine Vol.8 Pag.3345-3353	2013	4.19
34	Surface plasmon resonance-induced photoactivation of gold nanoparticles as mitochondria-targeted therapeutic agents for pancreatic cancer. Mocan L, Ilie I, Tabaran FA, Dana B, Zaharie F, Zdrehus C, Puia C, Mocan T, Muntean V, Teodora P, Ofelia M, Marcel T, Iancu C.	Expert Opin Ther Targets. Vol.17 Nr.12 Pag.1383-1393	2013	4.9
35	Surgical outcome of inflammatory bowel disease - experience of a tertiary center. Zaharie R, Zaharie F, Mocan L, Andreica V, Tantau M, Zdrehus C, Iancu C, Tomus C.	Chirurgia (Bucur). Vol.108 Nr.6 Pag.812-815	2013	0
36	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
37	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
38	Malignant familial adenomatous polyposis treated by laparoscopic colectomy and ileal pouch anal anastomosis: a case report. Zaharie F, Ciorogar G, Zaharie R, Tantau M, Iancu C, Mocan L.	J Gastrointestin Liver Dis. Vol.23 Nr.4 Pag.445-448	2014	2.2
39	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.	J Cancer. Vol.6 Nr.6 Pag.583-592	2015	3.27

40	Rational design of gold nanocarrier for the delivery of JAG-1 peptide. Matea CT, Mocan T, Tabaran F, Iancu C, Mocan LC.	J Nanobiotechnology. Vol.13 Nr.41 Pag.1-10	2015	4.11
41	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.	Int J Nanomedicine. 2015 Vol.10 Pag.5435-5445	2015	4.38
42	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
43	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.	Journal of Biomedical Nanotechnology Vol.12 2016	2016	5.33
44	Laser thermal ablation of multidrug resistant bacteria using functionalized gold nanoparticles. Lucian Mocan ^{1, 2} , Flaviu A. Tabaran ³ , Teodora Mocan ^{2, 4} , Teodora Pop ⁵ , Ofelia Mosteanu ⁵ , Lucia Agoston-Coldea ⁶ , Cristian Matea ² , Diana Gonciar ² , Claudiu Zdrehus ^{1, 2} , Cornel Iancu ¹	Nature scientific Reports in press	2016	5.4
45	Ex vivo ablation of solid liver tumors mediated by albumin conjugated gold nanoparticles. Lucian Mocan ^{1,2§} , Cristian Matea ^{1§} , Flaviu A. Tabaran ^{3§} , Ofelia Mosteanu ^{1, 4§} , Teodora Pop ^{1, 4§} , Cosmin Puia ^{1,2§} , Lucia Agoston-Coldea ⁶ , Gabriela Zaharie ⁶ , Teodora Mocan ^{1,5§} , Cornel Iancu	Biomaterials in press accepted 9.12.2016		8.3

Semnatura,