

FIȘA DE VERIFICARE

a îndeplinirii standardelor minimale pentru participarea la concursul de ocupare a postului didactic de

PROFESOR UNIVERSITAR în cadrul U.M.F. "Carol Davila" din București

Facultatea de Medicină

I. Date despre candidat

Nume: GHERGHICEANU

Prenume: Mihaela

II. Date numerice privind îndeplinirea standardelor minimale necesare și obligatorii prevăzute în Ordinul Ministrului Educației Naționale și Cercetării Științifice nr. 6129/20.12.2016

1. Articole publicate în reviste cotate ISI Web of Science Clarivate, în calitate de autor principal

Criteriul	Standard minim	Realizat
Număr articole ISI <i>in extenso</i> în reviste cotate ISI Web of Science Clarivate, în calitate de autor principal	10	25

Lista articolelor ISI publicate în calitate de autor principal: autori, titlu articol, revistă, an, volum, pagini, factor de impact, pentru realizarea standardelor minime.

Nr. Crt.	Autori	Tip autor prim, contribuție egală, ultim, corespondent și link către revistă sau către documentul scanat în care este menționată explicit contribuția egală sau statutul de autor corespondent	Titlu articol	Revista	An	Volum	Pagini	Factor de impact
AP-1	Manole CG, Gherghiceanu M, Ceafalan LC, Hinescu ME	Autor corespondent 10.3390/cells11233903	Dermal telocytes: a different viewpoint of skin repairing and regeneration	Cells	2022	11	3903	7,666
AP-2	Fertig TE, Chitoiu L, Marta DS, Ionescu VS, Cismasiu VB, Radu E, Angheluta G, Dobre M, Serbanescu A, Hinescu ME, Gherghiceanu M	Ultim autor 10.3390/biomedicines10071538	Vaccine mRNA can be detected in blood at 15 days post-vaccination	Biomedicines	2022	10	1538	4,757
AP-3	Terinte-Balcan G, Stefan G, Stancu S, Wang SX, Gherghiceanu M	Ultim autor 10.1007/s40620-022-01362-5	Crystal-induced collapsing podocytopeny and light chain proximal tubulopathy in monoclonal gammopathy of renal significance	Journal of Nephrology	2022	35	2127-2130	4,393
AP-4	Fertig TE, Chitoiu L, Terinte-Balcan G, Petcu VE, Marta D, Gherghiceanu M	Ultimul autor (R) 10.1111/jcmm.17103	The atomic portrait of SARS-CoV-2 as captured by cryo-electron microscopy	Journal of Cellular And Molecular Medicine	2022	26	25-34	5,310
AP-5	Ceafalan LC, Fertig TE, Gheorghie TC, Hinescu ME, Popescu BO, Pahnke J, Gherghiceanu M	Ultimul autor 10.1111/jcmm.13980	Age-related ultrastructural changes of the basement membrane in the mouse blood-brain barrier	Journal of Cellular And Molecular Medicine	2019	23	819-827	4,658
AP-6	Ceafalan LC, Fertig TE, Popescu AC, Popescu BO, Hinescu ME, Gherghiceanu M	Ultimul autor 10.1080/19336918.2017.1346774	Skeletal muscle regeneration involves macrophage-myoblast bonding	Cell Adhesion & Migration	2018	12	228-235	3,296

Nr. Crt.	Autori	Tip autor prim, contribuție egală, ultim, corespondent și link către revistă sau către documentul scanat în care este menționată explicit contribuția egală sau statutul de autor corespondent	Titlu articol	Revista	An	Volum	Pagini	Factor de impact
AP-7	Faussone-Pellegrini MS, Gherghiceanu M	Ultimul autor (R) 10.1016/j.semcdb.2016.01.036	Telocyte's contacts	Seminars in Cell & Developmental Biology	2016	55	3-8	6,265
AP-8	Popescu LM, Fertig ET, Gherghiceanu M	Ultimul autor 10.1111/jcmm.12719	Reaching out: junctions between cardiac telocytes and cardiac stem cells in culture	Journal of Cellular and Molecular Medicine	2016	20	370- 380	4,938
AP-9	Popescu LM, Curici A, Wang ES, Zhang H, Hu SS, Gherghiceanu M	Ultimul autor 10.1111/jcmm.12509	Telocytes and putative stem cells in ageing human heart	Journal of Cellular and Molecular Medicine	2015	19	31-45	4,938
AP-10	Gherghiceanu M, Popescu L	Primul autor 10.1007/s00441-012-1333-8	Cardiac telocytes - their junctions and functional implications	Cell and Tissue Research	2012	348	265- 279	3,677
AP-11	Barile L, Gherghiceanu M, Popescu LM, Moccetti T, Vassalli G	Contribuție egală cu primul autor (R) 10.1155/2012/354605	Ultrastructural evidence of exosome secretion by progenitor cells in adult mouse myocardium and adult human cardiospheres	Journal of Biomedicine and Biotechnology	2012		354605	2,880
AP-12	Gherghiceanu M, Barad L, Novak A, Reiter I, Itskovitz- Eldor J, Binah O, Popescu LM	Primul autor 10.1111/j.1582-4934.2011.01417.x	Cardiomyocytes derived from human embryonic and induced pluripotent stem cells: comparative ultrastructure	Journal of Cellular and Molecular Medicine	2011	15	2539- 2551	4,125
AP-13	Gherghiceanu M, Popescu LM	Primul autor 10.1111/j.1582-4934.2011.01299.x	Heterocellular communication in the heart: electron tomography of telocyte-myocyte junctions	Journal of Cellular and Molecular Medicine	2011	15	1005- 1011	4,125

Nr. Crt.	Autori	Tip autor prim, contribuție egala, ultim, corespondent si link către revistă sau către documentul scanat in care este menționată explicit contribuția egală sau statutul de autor corespondent	Titlu articol	Revista	An	Volum	Pagini	Factor de impact
AP-14	Gherghiceanu M, Manole CG, Popescu LM	Primul autor 10.1111/j.1582-4934.2010.01133.x	Telocytes in endocardium: electron microscope evidence	Journal of Cellular and Molecular Medicine	2010	14	2330-2334	4,608
AP-15	Gherghiceanu M, Popescu LM	Primul autor 10.1111/j.1582-4934.2010.01060.x	Cardiomyocyte precursors and telocytes in epicardial stem cell niche: electron microscope images	Journal of Cellular and Molecular Medicine	2010	14	871-877	4,608
AP-16	Gherghiceanu M, Popescu LM	Primul autor 10.1111/j.1582-4934.2009.00869.x	Human epicardium: ultrastructural ancestry of mesothelium and mesenchymal cells	Journal of Cellular and Molecular Medicine	2009	13	2949-2951	5,228
AP-17	Gherghiceanu M, Hinescu ME, Popescu LM	Primul autor 10.1111/j.1582-4934.2008.00615.x	Myocardial interstitial Cajal-like cells (ICLC) in caveolin-1 KO mice	Journal of Cellular and Molecular Medicine	2009	13	202-206	5,228
AP-18	Gherghiceanu M, Hinescu ME, Andrei F, Mandache E, Macarie CE, Faussone-Pellegrini MS, Popescu LM	Primul autor 10.1111/j.1582-4934.2008.00444.x	Interstitial Cajal-like cells (ICLC) in myocardial sleeves of human pulmonary veins	Journal of Cellular and Molecular Medicine	2008	12	1777-1781	5,114
AP-19	Gherghiceanu M, Popescu LM	Primul autor 10.1111/j.1582-4934.2007.00166.x	Electron microscope tomography: further demonstration of nanocontacts between caveolae and smooth muscle sarcoplasmic reticulum	Journal of Cellular and Molecular Medicine	2007	11	1416-1418	6,807
AP-20	Mandache E, Popescu LM, Gherghiceanu M	Ultimul autor 10.1111/j.1582-4934.2007.00117.x	Myocardial interstitial Cajal-like cells (ICLC) and their nanostructural relationships	Journal of Cellular and Molecular Medicine	2007	11	1175-1184	6,807

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			with intercalated discs: shed vesicles as intermediates					
AP-21	Suciu L, Popescu LM, Gherghiceanu M	Ultimul autor 10.1111/j.1582-4934.2007.00058.x	Human placenta: de visu demonstration of interstitial Cajal-like cells	Journal of Cellular and Molecular Medicine	2007	11	590-597	6,807
AP-22	Gherghiceanu M, Popescu LM	Primul autor 10.1111/j.1582-4934.2006.tb00417.x	Caveolar nanospaces in smooth muscle cells	Journal of Cellular and Molecular Medicine	2006	10	519-528	6,555
AP-23	Gherghiceanu M, Popescu LM	Primul autor 10.1111/j.1582-4934.2005.tb00387.x	Interstitial Cajal-like cells (ICLC) in human resting mammary gland stroma. Transmission electron microscope (TEM) identification	Journal of Cellular and Molecular Medicine	2005	9	893-910	3,606
AP-24	Gherghiceanu M, Penescu M, Mandache E	Primul autor 10.1111/j.1582-4934.2005.tb00344.x	The predictive value of peritubular capillaries C3d deposition in IgA glomerulonephritis	Journal of Cellular and Molecular Medicine	2005	9	143-152	3,606
AP-25	Mandache E, Gherghiceanu M	Ultimul autor 10.1080/01913120490445016	Ultrastructural defects of the glomerular basement membranes associated with primary glomerular nephropathies	Ultrastructural Pathology	2004	28	103-108	2,153

Criteriu îndeplinit:

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2. Articole publicate în reviste cotate ISI Web of Science Clarivate, în calitate de coautor

Criteriaul	Standard minim	Realizat
Număr articole publicate în reviste cotate ISI Web of Science Clarivate, în calitate de coautor	5	87

Lista articolelor ISI publicate în calitate de coautor: autori, titlu articol, revistă, an, volum, pagini, factor de impact, pentru realizarea standardelor minime.

Nr. Crt.	Autori	Titlu articol	Revista	An	Volum	Pagini	Factor de impact
CA-1	Balta C, Herman H, Ciceu A, Mladin B, Rosu M, Sasu A, Peteu VE, Voicu SN, Balas M, Gherghiceanu M, Dinischiotu A, Olah NK, Hermenean A.	Phytochemical Profiling and Anti-Fibrotic Activities of the Gemmotherapy Bud Extract of <i>Corylus avellana</i> in a Model of Liver Fibrosis on Diabetic Mice.	Biomedicines	2023	11	1771	4,7
CA-2	Gharbia S, Nazarie SR, Dinescu S, Balta C, Herman H, Peteu VE, Gherghiceanu M, Hermenean A, Costache M	Adipose-Derived Stem Cells (ADSCs) Supplemented with Hepatocyte Growth Factor (HGF) Attenuate Hepatic Stellate Cell Activation and Liver Fibrosis by Inhibiting the TGF-beta/Smad signaling pathway in chemical-induced liver fibrosis associated with diabetes	Cells	2022	11	3338	7,666
CA-3	Constantin A, Comarita IK, Alexandru N, Filippi A, Bojin F, Gherghiceanu M, Vilcu A, Nemezc M, Niculescu LS, Paunescu V, Georgescu A	Stem cell-derived extracellular vesicles reduce the expression of molecules involved in cardiac hypertrophy-In a model of human-induced pluripotent stem cell-derived cardiomyocytes	Frontiers in Pharmacology	2022	13	1003684	5,988
CA-4	Rusu EE, Zilisteanu DS, Ciobotaru LM, Gherghiceanu M, Procop A, Jurcut RO, Dulamea AO, Sorohan BM	The impact of kidney biopsy for fabry nephropathy evaluation on patients' management and long-term outcomes: experience of a single center	Biomedicines	2022	10	1520	4,757

Nr. Crt.	Autori	Titlu articol	Revista	An	Volum	Pagini	Factor de impact
CA-5	Obrisca B, Vornicu A, Procop A, Herlea V, Terinte-Balcan G, Gherghiceanu M, Ismail G	A histology-guided approach to the management of patients with lupus nephritis: are we there yet?	Biomedicines	2022	10	1409	4,757
CA-6	Wilhelm I, Krizbai IA, Gherghiceanu M, Szoke E, Helyes Z	Editorial: Targeting Neuro-Immuno-Vascular Interactions in the Brain and the Periphery	Frontiers in Pharmacology	2022	13	893384	5,988
CA-7	Comarita IK, Vilcu A, Constantin A, Procopciuc A, Safciuc F, Alexandru N, Dragan E, Nemezc M, Filippi A, Chitoiu L, Gherghiceanu M, Georgescu A	Therapeutic Potential of Stem Cell-Derived Extracellular Vesicles on Atherosclerosis-Induced Vascular Dysfunction and Its Key Molecular Players	Frontiers in Cell and Developmental Biology	2022	10	817180	6,684
CA-8	Pinte L, Sorohan BM, Prohaszka Z, Gherghiceanu M, Baicus C	COVID-19: a trigger for severe thrombotic microangiopathy in a patient with complement gene variant	Romanian Journal of Internal Medicine	2022	60	138-142	1,9
CA-9	Stanescu C, Andronesi AG, Jurcut C, Gherghiceanu M, Vornicu A, Burcea FA, Andronesi TD, Lupusoru GE, Iliuta L, Sorohan BM, Obrisca B, Ismail G	Successful Treatment of Catastrophic Antiphospholipid Syndrome Using Rituximab: Case Report and Review of the Literature	Medicina-Lithuania	2021	57	912	2,430
CA-10	Cecoltan S, Ciortan L, Macarie RD, Vadana M, Mihaila AC, Tucureanu M, Vlad ML, Droc I, Gherghiceanu M, Simionescu A, Simionescu DT, Butoi E, Manduteanu I	High Glucose Induced Changes in Human VEC Phenotype in a 3D Hydrogel Derived From Cell-Free Native Aortic Root	Frontiers in Cardiovascular Medicine	2021	8	714573	6,050
CA-11	Shemer Y, Mekies LN, Ben Jehuda R, Baskin P, Shulman R, Eisen B, Regev D, Arbustini E, Gerull B, Gherghiceanu M, Gottlieb E, Arad M, Binah O	Investigating LMNA-Related Dilated Cardiomyopathy Using Human Induced Pluripotent Stem Cell-Derived Cardiomyocytes	International Journal of Molecular Sciences	2021	22	7874	5,923
CA-12	Dumitrescu L, Marta D, Danau A, Lefter A, Tulb D, Cozma L, Manole E, Gherghiceanu M, Ceafalan LC, Popescu BO	Serum and Fecal Markers of Intestinal Inflammation and Intestinal Barrier Permeability Are Elevated in Parkinson's Disease	Frontiers in Neuroscience	2021	15	689723	4,677
CA-13	Trotta MC, Gharbia S, Herman H, Mladin B, Hermenean A, Balta C, Cotoraci C, Peteu VE, Gesualdo C, Petrillo F, Galdiero M, Alfano R, Gherghiceanu M, D'Amico M, Rossi S, Hermenean A	Sex and Age-Related Differences in Neuroinflammation and Apoptosis in Balb/c Mice Retina Involve Resolvin D1	International Journal of Molecular Sciences	2021	22	6280	5,923

Nr. Crt.	Autori	Titlu articol	Revista	An	Volum	Pagini	Factor de impact
CA-14	Stefan G, Terinte-Balcan G, Stancu S, Zugravu A, Gherghiceanu M, Mircescu G	IgA nephropathy with serum ANCA positivity: case series and literature review	Rheumatology international	2021	41	1347-1355	1,984
CA-15	Ioghen O, Chitoiu L, Gherghiceanu M, Ceafalan LC, Hinescu ME	CD36-A novel molecular target in the neurovascular unit	European Journal of Neuroscience	2021	53	2500-2510	3,115
CA-16	Iacob R, Herlea V, Savu L, Florea IR, Ilie VM, Terinte-Balcan G, Gherghiceanu M, Uta M, Popa C, Iacob S, Matei IV, Jordan C, Lixandru D, Dima S, Meivar-Levy I, Ferber S, Popescu I	Phenotypic assessment of liver-derived cell cultures during in vitro expansion	Regenerative Medicine	2021	16	33-46	2,598
CA-17	Stefan G, Zugravu A, Stancu S, Gherghiceanu M, Terinte-Balcan G	Atheroembolic kidney disease: The under-recognized silent killer	Clinical Case Reports	2021	9	1824-1825	0,390
CA-18	Hermenean A, Trotta MC, Gharbia S, Hermenean AG, Peteu VE, Balta C, Cotoraci C, Gesualdo C, Rossi S, Gherghiceanu M, D'Amico M	Changes in Retinal Structure and Ultrastructure in the Aged Mice Correlate With Differences in the Expression of Selected Retinal miRNAs	Frontiers in Pharmacology	2021	11	593514	5,811
CA-19	Balbi C, Milano G, Fertig TE, Lazzarini E, Bolis S, Taniyama Y, Sanada F, Di Silvestre D, Mauri P, Gherghiceanu M, Luscher TF, Barile L, Vassalli G	An exosomal-carried short periostin isoform induces cardiomyocyte proliferation	Theranostics	2021	11	5634-5649	11,556
CA-20	Chitoiu L, Dobranici A, Gherghiceanu M, Dinescu S, Costache M	Multi-Omics Data Integration in Extracellular Vesicle Biology-Utopia or Future Reality?	international Journal of Molecular Sciences	2020	21	8550	4,556
CA-21	Dudau M, Codrici E, Tanase C, Gherghiceanu M, Enciu AM, Hinescu ME	Caveolae as Potential Hijackable Gates in Cell Communication	Frontiers in Cell and Developmental Biology	2020	8	581732	5,186
CA-22	Ceafalan LC, Dobre M, Milanese E, Niculae AM, Manole E, Gherghiceanu M, Hinescu ME	Gene expression profile of adhesion and extracellular matrix molecules during early stages of skeletal muscle regeneration	Journal of Cellular and Molecular Medicine	2020	24	10140-10150	4,486

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CA-23	Obrisca B, Stefan G, Gherghiceanu M, Mandache E, Ismail G, Stancu S, Boitan B, Ion O, Mircescu G	Associated or Secondary IgA nephropathy? An outcome analysis	Plos One	2019	14	e0221014	2,776
CA-24	Eisen B, Ben Jehuda R, Cuttitta AJ, Mekies LN, Shemer Y, Baskin P, Reiter I, Willi L, Freimark D, Gherghiceanu M, Monserrat L, Scherr M, Hilfiker-Kleiner D, Arad M, Michele DE, Binah O	Electrophysiological abnormalities in induced pluripotent stem cell-derived cardiomyocytes generated from Duchenne muscular dystrophy patients	Journal of Cellular and Molecular Medicine	2019	23	2125-2135	4,658
CA-25	Ciullo A, Biemmi V, Milano G, Bolis S, Cervio E, Fertig ET, Gherghiceanu M, Moccetti T, Camici GG, Vassalli G, Barile L	Exosomal Expression of CXCR4 Targets Cardioprotective Vesicles to Myocardial Infarction and Improves Outcome after Systemic Administration	International Journal of Molecular Sciences	2019	20	468	4,183
CA-26	Constantin C, Lupu AR, Fertig TE, Gherghiceanu M, Pop S, Ion RM, Neagu M	Unveiling Ga(III) phthalocyanine-a different photosensitizer in neuroblastoma cellular model	Journal of Cellular and Molecular Medicine	2019	23	1086-1094	4,658
CA-27	Andronesi AG, Ismail G, Gherghiceanu M, Mitroi G, Harza MC	Familial Mediterranean fever-associated renal amyloidosis: case report and review of the literature	Romanian Journal of Morphology and Embryology	2019	60	1299-1303	1,411
CA-28	Batalu D, Nastase F, Militaru M, Gherghiceanu M, Badica P	NiTi coated with oxide and polymer films in the in vivo healing processes	Journal of Materials Research and Technology- Jmr&T	2019	8	914-922	3,327
CA-29	Schick R, Mekies LN, Shemer Y, Eisen B, Hallas T, Ben Jehuda R, Ben-Ari M, Szantai A, Willi L, Shulman R, Gramlich M, Pane LS, My I, Freimark D, Murgia M, Santamaria G, Gherghiceanu M, Arad M, Moretti A, Binah O	Functional abnormalities in induced Pluripotent Stem Cell-derived cardiomyocytes generated from titin-mutated patients with dilated cardiomyopathy	Plos One	2018	13	e0205719	2,766
CA-30	Ceafalan LC, Enciu AM, Fertig TE, Popescu BO, Gherghiceanu M, Hinescu ME, Radu E	Heterocellular molecular contacts in the mammalian stem cell niche	European Journal of Cell Biology	2018	97	442-461	3,024

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CA-31	Obrisca B, Jurubita R, Andronesi A, Sorohan B, Achim C, Bobeica R, Gherghiceanu M, Mandache E, Ismail G	Histological predictors of renal outcome in lupus nephritis: the importance of tubulointerstitial lesions and scoring of glomerular lesions	Lupus	2018	27	1455-1463	2,924
CA-32	Ben Jehuda R, Eisen B, Shemer Y, Mekies LN, Szantai A, Reiter I, Cui HH, Guan K, Haron-Khun S, Freimark D, Sperling SR, Gherghiceanu M, Arad M, Binah O	CRISPR correction of the PRKAG2 gene mutation in the patient's induced pluripotent stem cell-derived cardiomyocytes eliminates electrophysiological and structural abnormalities	Heart Rhythm	2018	15	267-276	5,225
CA-33	Hallas T, Eisen B, Shemer Y, Ben Jehuda R, Mekies LN, Naor S, Schick R, Eliyahu S, Reiter I, Vlodaysky E, Katz Y, Ounap K, Lorber A, Rodenburg R, Mandel H, Gherghiceanu M, Binah O	Investigating the cardiac pathology of SCO2-mediated hypertrophic cardiomyopathy using patients induced pluripotent stem cell-derived cardiomyocytes	Journal of Cellular and Molecular Medicine	2018	22	913-925	4,499
CA-34	Dumitrescu L, Popescu-Olaru I, Cozma L, Tulba D, Hinescu ME, Ceafalan LC, Gherghiceanu M, Popescu BO	Oxidative Stress and the Microbiota-Gut-Brain Axis	Oxidative Medicine and Cellular Longevity	2018	2018	2406594	4,868
CA-35	Obrisca B, Jurubita AR, Andronesi AG, Gherghiceanu M, Ismail G, Mitroi G, Harza MC	Nephrotic syndrome after autologous hematopoietic stem cell transplantation: a case report	Romanian Journal of Morphology and Embryology	2017	58	1099-1102	0,912
CA-36	Pacurar D, Lesanu G, Dijmarescu I, Tincu IF, Gherghiceanu M, Oraseanu D	Genetic disorder in carbohydrates metabolism: hereditary fructose intolerance associated with celiac disease	Romanian Journal of Morphology and Embryology	2017	58	1109-1113	0,912
CA-37	Andronesi AG, Ismail G, Fetecau AC, Gherghiceanu M, Mitroi G, Harza MC	Smoking-associated nodular glomerulosclerosis, a rare renal pathology resembling diabetic nephropathy: case report	Romanian Journal of Morphology and Embryology	2016	57	1125-1129	0,670
CA-38	Cima LN, Fica SV, Albu AI, Lambrescu IM, Lacau IS, Popescu BO, Gherghiceanu M, Badiu CV, Barbu CG	Cerebral arteriopathy with subcortical infarcts and leukoencephalopathy in acromegalic patient with severe headache	Romanian Journal of Morphology and Embryology	2016	57	1149-1153	0,670

Nr. Crt.	Autori	Titlu articol	Revista	An	Volum	Pagini	Factor de impact
CA-39	Novak A, Barad L, Lorber A, Gherghiceanu M, Reiter I, Eisen B, Eldor L, Itskovitz-Eldor J, Eldar M, Arad M, Binah O	Functional abnormalities in iPSC-derived cardiomyocytes generated from CPVT1 and CPVT2 patients carrying ryanodine or calsequestrin mutations	Journal of Cellular and Molecular Medicine	2015	19	2006-2018	4,938
CA-40	Manole C, Gherghiceanu M, Simionescu O	Telocyte dynamics in psoriasis	Journal of Cellular and Molecular Medicine	2015	19	1504-1519	4,938
CA-41	Cretoiu D, Gherghiceanu M, Hummel E, Zimmermann H, Simionescu O, Popescu LM	FIB-SEM tomography of human skin telocytes and their extracellular vesicles	Journal of Cellular and Molecular Medicine	2015	19	714-722	4,938
CA-42	Caravia L, Dudau M, Gherghiceanu M, Tanase C, Enciu AM	Could caveolae be acting as warnings of mitochondrial ageing?	Mechanisms of Ageing and Development	2015	146	81-87	3,397
CA-43	Craiu D, Dragostin O, Dica A, Hoffman-Zacharska D, Gos M, Bastian AE, Gherghiceanu M, Rolfs A, Nahavandi N, Craiu M, Iliescu C	Rett-like onset in late-infantile neuronal ceroid lipofuscinosis (CLN7) caused by compound heterozygous mutation in the MFSD8 gene and review of the literature data on clinical onset signs	European Journal of Paediatric Neurology	2015	19	78-86	1,934
CA-44	Niculite CM, Regalia TM, Gherghiceanu M, Huica R, Surcel M, Ursaciuc C, Leabu M, Popescu LM	Dynamics of telopodes (telocyte prolongations) in cell culture depends on extracellular matrix protein	Molecular and Cellular Biochemistry	2015	398	157-164	2,388
CA-45	Cretoiu D, Hummel E, Zimmermann H, Gherghiceanu M, Popescu LM	Human cardiac telocytes: 3D imaging by FIB-SEM tomography	Journal of Cellular and Molecular Medicine	2014	18	2157-2164	4,014
CA-46	Fertig ET, Gherghiceanu M, Popescu LM	Extracellular vesicles release by cardiac telocytes: electron microscopy and electron tomography	Journal of Cellular and Molecular Medicine	2014	18	1938-1943	4,014

Nr. Crt.	Autori	Titlu articol	Revista	An	Volum	Pagini	Factor de impact
CA-47	Barile L, Lionetti V, Cervio E, Matteucci M, Gherghiceanu M, Popescu LM, Torre T, Siclari F, Moccetti T, Vassalli G	Extracellular vesicles from human cardiac progenitor cells inhibit cardiomyocyte apoptosis and improve cardiac function after myocardial infarction	Cardiovascular Research	2014	103	530-541	5,808
CA-48	Galiger C, Kostin S, Golec A, Ahlbrecht K, Becker S, Gherghiceanu M, Popescu LM, Morty RE, Seeger W, Voswinckel R	Phenotypical and ultrastructural features of Oct4-positive cells in the adult mouse lung	Journal of Cellular and Molecular Medicine	2014	18	1321-1333	4,014
CA-49	Harza M, Tacu D, Mitroi G, Bucsa C, Gherghiceanu M, Preda A, Ismail G, Sinescu I	Polyomavirus BK-associated nephropathy after kidney transplantation: a single-center retrospective analysis	Romanian Journal of Morphology and Embryology	2014	55	123-128	0,659
CA-50	Harza M, Ismail G, Mitroi G, Gherghiceanu M, Preda A, Sinescu I	Inflammatory pseudotumors of the kidney due to IgG4-related tubulointerstitial nephritis	Romanian Journal of Morphology and Embryology	2014	55	419-423	0,659
CA-51	Marcu A, Pop S, Dumitrache F, Mocanu M, Niculite CM, Gherghiceanu M, Lungu CP, Fleaca C, Ianchis R, Barbut A, Grigoriu C, Morjan I	Magnetic iron oxide nanoparticles as drug delivery system in breast cancer	Applied Surface Science	2013	281	60-65	2,710
CA-52	Luesma MJ, Gherghiceanu M, Popescu LM	Telocytes and stem cells in limbus and uvea of mouse eye	Journal of Cellular and Molecular Medicine	2013	17	1016-1024	3,698
CA-53	Barile L, Gherghiceanu M, Popescu LM, Moccetti T, Vassalli G	Human Cardiospheres as a Source of Multipotent Stem and Progenitor Cells	Stem Cells international	2013	2013	916837	2,806
CA-54	Enciu AM, Gherghiceanu M, Popescu BO	Triggers and Effectors of Oxidative Stress at Blood-Brain Barrier Level: Relevance for Brain Ageing and Neurodegeneration	Oxidative Medicine and Cellular Longevity	2013	2013	297512	3,363
CA-55	Harza M, Ismail G, Mitroi G, Gherghiceanu M, Preda A, Mircescu G, Sinescu I	Histological diagnosis and risk of renal vein thrombosis, and other thrombotic complications in primitive nephrotic syndrome	Romanian Journal of Morphology and Embryology	2013	54	555-560	0,723

Nr. Crt.	Autori	Titlu articol	Revista	An	Volum	Pagini	Factor de impact
CA-56	Ceafalan L, Gherghiceanu M, Popescu LM, Simionescu O	Telocytes in human skin - are they involved in skin regeneration?	Journal of Cellular and Molecular Medicine	2012	16	1405-1420	4,753
CA-57	Simionescu O, Popescu BO, Costache M, Manole E, Spulber S, Gherghiceanu M, Blum A	Apoptosis in seborrheic keratoses: an open door to a new dermoscopic score	Journal of Cellular and Molecular Medicine	2012	16	1223-1231	4,753
CA-58	Popescu BO, Gherghiceanu M, Kostin S, Ceafalan L, Popescu LM	Telocytes in meninges and choroid plexus	Neuroscience Letters	2012	516	265-269	2,026
CA-59	Cipriani G, Serboiu CS, Gherghiceanu M, Faussone-Pellegrini MS, Vannucchi MG	NK receptors, Substance P, Ano1 expression and ultrastructural features of the muscle coat in Cav-1-/- mouse ileum	Journal of Cellular and Molecular Medicine	2011	15	2411-2420	4,125
CA-60	Manole CG, Cismasiu V, Gherghiceanu M, Popescu LM	Experimental acute myocardial infarction: telocytes involvement in neo-angiogenesis	Journal of Cellular and Molecular Medicine	2011	15	2284-2296	4,125
CA-61	Popescu LM, Gherghiceanu M, Suciu LC, Manole CG, Hinescu ME	Telocytes and putative stem cells in the lungs: electron microscopy, electron tomography and laser scanning microscopy	Cell and Tissue Research	2011	345	391-403	3,114
CA-62	Popescu LM, Manole E, Serboiu CS, Manole CG, Suciu LC, Gherghiceanu M, Popescu BO	Identification of telocytes in skeletal muscle interstitium: implication for muscle regeneration	Journal of Cellular and Molecular Medicine	2011	15	1379-1392	4,125
CA-63	Paunescu V, Bojin FM, Tatu CA, Gavriluc OI, Rosca A, Gruia AT, Tanasie G, Bunu C, Crisnic D, Gherghiceanu M, Tatu FR, Tatu CS, Vermesan S	Tumour-associated fibroblasts and mesenchymal stem cells: more similarities than differences	Journal of Cellular and Molecular Medicine	2011	15	635-646	4,125
CA-64	Hinescu ME, Gherghiceanu M, Suciu L, Popescu LM	Telocytes in pleura: two- and three-dimensional imaging by transmission electron microscopy	Cell and Tissue Research	2011	343	389-397	3,114

Nr. Crt.	Autori	Titlu articol	Revista	An	Volum	Pagini	Factor de impact
CA-65	Mandache E, Gherghiceanu M, Serafinceanu C, Penescu M, Mircescu G	Myofibroblast involvement in tubular basement membrane remodeling in type II diabetic nephropathy	Romanian Journal of Morphology and Embryology	2011	52	75-79	0,523
CA-66	Pop OT, Cotoi CG, Plesea IE, Gherghiceanu M, Enache SD, Mandache E, Hortopan G, Plesea RM	Histological and ultrastructural analysis of the seminiferous tubule wall in ageing testis	Romanian Journal of Morphology and Embryology	2011	52	241-248	0,523
CA-67	Mandache E, Gherghiceanu M, Macarie C, Kostin S, Popescu LM	Telocytes in human isolated atrial amyloidosis: ultrastructural remodelling	Journal of Cellular and Molecular Medicine	2010	14	2739-2747	4,608
CA-68	Bani D, Formigli L, Gherghiceanu M, Faussonne-Pellegrini MS	Telocytes as supporting cells for myocardial tissue organization in developing and adult heart	Journal of Cellular and Molecular Medicine	2010	14	2531-2538	4,608
CA-69	Lekli I, Ray D, Mukherjee S, Gurusamy N, Ahsan MK, Juhasz B, Bak I, Tosaki A, Gherghiceanu M, Popescu LM, Das DK	Co-ordinated autophagy with resveratrol and gamma-tocotrienol confers synergetic cardioprotection	Journal of Cellular and Molecular Medicine	2010	14	2506-2518	4,608
CA-70	Popescu LM, Manole CG, Gherghiceanu M, Ardelean A, Nicolescu MI, Hinescu ME, Kostin S	Telocytes in human epicardium	Journal of Cellular and Molecular Medicine	2010	14	2085-2093	4,608
CA-71	Gurusamy N, Lekli I, Mukherjee S, Ray D, Ahsan MK, Gherghiceanu M, Popescu LM, Das DK	Cardioprotection by resveratrol: a novel mechanism via autophagy involving the mTORC2 pathway	Cardiovascular Research	2010	86	103-112	6,051
CA-72	Constantin C, Neagu M, Ion RM, Gherghiceanu M, Stavaru C	Fullerene-porphyrin nanostructures in photodynamic therapy	Nanomedicine	2010	5	307-317	6,202
CA-73	Suciu L, Popescu LM, Gherghiceanu M, Regalia T, Nicolescu MI, Hinescu ME, Faussonne-Pellegrini MS	Telocytes in Human Term Placenta: Morphology and Phenotype	Cells Tissues Organs	2010	192	325-339	1,243

Nr. Crt.	Autori	Titlu articol	Revista	An	Volum	Pagini	Factor de impact
CA-74	Popescu LM, Gherghiceanu M, Manole CG, Faussonne-Pellegrini MS	Cardiac renewing: interstitial Cajal-like cells nurse cardiomyocyte progenitors in epicardial stem cell niches	Journal of Cellular and Molecular Medicine	2009	13	866-886	5,228
CA-75	Gurusamy N, Lekli I, Gorbunov NV, Gherghiceanu M, Popescu LM, Das DK	Cardioprotection by adaptation to ischaemia augments autophagy in association with BAG-1 protein	Journal of Cellular and Molecular Medicine	2009	13	373-387	5,228
CA-76	Gurusamy N, Lekli I, Gherghiceanu M, Popescu LM, Das DK	BAG-1 induces autophagy for cardiac cell survival	Autophagy	2009	5	120-121	6,829
CA-77	Das M, Gherghiceanu M, Lekli I, Mukherjee S, Popescu LM, Das DK	Essential role of lipid raft in ischemic preconditioning	Cellular Physiology and Biochemistry	2008	21	325-334	3,246
CA-78	Hinescu ME, Popescu LM, Gherghiceanu M, Faussonne-Pellegrini MS	Interstitial Cajal-like cells in rat mesentery: an ultrastructural and immunohistochemical approach	Journal of Cellular and Molecular Medicine	2008	12	260-270	5,114
CA-79	Arsene D, Gherghiceanu M, Ardeleanu C, Danaila L	Highly cystic brain tumor: Rare histological features in an ependymoma	Neuropathology	2007	27	378-382	1,432
CA-80	Hinescu ME, Ardeleanu C, Gherghiceanu M, Popescu LM	Interstitial Cajal-like cells in human gallbladder	Journal of Molecular Histology	2007	38	275-284	1,396
CA-81	Popescu LM, Gherghiceanu M, Mandache E, Cretoiu D	Caveolae in smooth muscles: nanocontacts	Journal of Cellular and Molecular Medicine	2006	10	960-990	6,555
CA-82	Popescu LM, Gherghiceanu M, Hinescu ME, Cretoiu D, Ceafalan L, Regalia T, Popescu AC, Ardeleanu C, Mandache E	Insights into the interstitium of ventricular myocardium: interstitial Cajal-like cells (ICLC)	Journal of Cellular and Molecular Medicine	2006	10	429-458	6,555
CA-83	Hinescu ME, Gherghiceanu M, Mandache E, Ciontea SM, Popescu LM	Interstitial Cajal-like cells (ICLC) in atrial myocardium: ultrastructural and immunohistochemical characterization	Journal of Cellular and Molecular Medicine	2006	10	243-257	6,555

Nr. Crt.	Autori	Titlu articol	Revista	An	Volum	Pagini	Factor de impact
CA-84	Popescu LM, Gherghiceanu M, Cretoiu D, Radu E	The connective connection: interstitial cells of Cajal (ICC) and ICC-like cells establish synapses with immunoreactive cells. Electron microscope study in situ.	Journal of Cellular and Molecular Medicine	2005	9	714-730	3,606
CA-85	Ciontea SM, Radu E, Regalia T, Ceafalan L, Cretoiu D, Gherghiceanu M, Braga RI, Matincenco M, Zagrean L, Hinescu ME, Popescu LM	C-kit immunopositive interstitial cells (Cajal-type) in human myometrium	Journal of Cellular and Molecular Medicine	2005	9	407-420	3,606
CA-86	Popescu LM, Ciontea SM, Cretoiu D, Hinescu ME, Radu E, Ionescu N, Ceausu M, Gherghiceanu M, Braga RI, Vasilescu F, Zagrean L, Ardeleanu C	Novel type of interstitial cell (Cajal-like) in human fallopian tube	Journal of Cellular and Molecular Medicine	2005	9	479-523	3,606
CA_87	Mandache E, Vidulescu C, Gherghiceanu M, Dragomir P, Popescu LM	Neoductular progenitor cells regenerate hepatocytes in severely damaged liver: a comparative ultrastructural study	Journal of Cellular and Molecular Medicine	2002	6	59-73	na

Criteriu îndeplinit:

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3. Factorul cumulat de impact pentru articolele publicate ca autor principal în reviste cotate ISI (FCIAP)

Criteriul	Standard minim	Realizat (<i>suma factorilor de impact ai articolelor publicate de autor în calitate de autor principal în reviste cotate ISI Web of Science Clarivate</i>)
(ISI) Factor cumulat de impact autor principal	10	122,155

Lucrările care sunt luate în considerare pentru calculul sumei factorului cumulat de impact pentru articolele publicate ca autor principal in reviste cotate ISI

Nr. Crt.	Autori	Titlu articol	Revista	An	Volum	Pagini	Factor de impact
L.1	Manole CG, Gherghiceanu M, Ceafalan LC, Hinescu ME	Dermal telocytes: a different viewpoint of skin repairing and regeneration	Cells	2022	11	3903	7,666
L.2	Fertig TE, Chitoiu L, Marta DS, Ionescu VS, Cismasiu VB, Radu E, Angheluta G, Dobre M, Serbanescu A, Hinescu ME, Gherghiceanu M	Vaccine mRNA can be detected in blood at 15 days post-vaccination	Biomedicines	2022	10	1538	4,757
L.3	Terinte-Balcan G, Stefan G, Stancu S, Wang SX, Gherghiceanu M	Crystal-induced collapsing podocytopathy and light chain proximal tubulopathy in monoclonal gammopathy of renal significance	Journal of Nephrology	2022	35	2127-2130	4,393
L.4	Fertig TE, Chitoiu L, Terinte-Balcan G, Peteu VE, Marta D, Gherghiceanu M	The atomic portrait of SARS-CoV-2 as captured by cryo-electron microscopy	Journal of Cellular and Molecular Medicine	2022	26	25-34	5,310
L.5	Ceafalan LC, Fertig TE, Gheorghe TC, Hinescu ME, Popescu BO, Pahnke J, Gherghiceanu M	Age-related ultrastructural changes of the basement membrane in the mouse blood-brain barrier	Journal of Cellular and Molecular Medicine	2019	23	819-827	4,658
L.6	Ceafalan LC, Fertig TE, Popescu AC, Popescu BO, Hinescu ME, Gherghiceanu M	Skeletal muscle regeneration involves macrophage-myoblast bonding	Cell Adhesion & Migration	2018	12	228-235	3,296
L.7	Faussone-Pellegrini MS, Gherghiceanu M	Telocyte's contacts	Seminars in Cell & Developmental Biology	2016	55	3-8	6,265
L.8	Popescu LM, Fertig ET, Gherghiceanu M	Reaching out: junctions between cardiac telocytes and cardiac stem cells in culture	Journal of Cellular and Molecular Medicine	2016	20	370-380	4,938
L.9	Popescu LM, Curici A, Wang ES, Zhang H, Hu SS, Gherghiceanu M	Telocytes and putative stem cells in ageing human heart	Journal of Cellular and Molecular Medicine	2015	19	31-45	4,938
L.10	Gherghiceanu M, Popescu L	Cardiac telocytes - their junctions and functional implications	Cell And Tissue Research	2012	348	265-279	3,677

Nr. Crt.	Autori	Titlu articol	Revista	An	Volum	Pagini	Factor de impact
L.11	Barile L, Gherghiceanu M, Popescu LM, Moccetti T, Vassalli G	Ultrastructural evidence of exosome secretion by progenitor cells in adult mouse myocardium and adult human cardiospheres	Journal of Biomedicine and Biotechnology	2012		354605	2,880
L.12	Gherghiceanu M, Barad L, Novak A, Reiter I, Itskovitz-Eldor J, Binah O, Popescu LM	Cardiomyocytes derived from human embryonic and induced pluripotent stem cells: comparative ultrastructure	Journal of Cellular and Molecular Medicine	2011	15	2539-2551	4,125
L.13	Gherghiceanu M, Popescu LM	Heterocellular communication in the heart: electron tomography of telocyte-myocyte junctions	Journal of Cellular and Molecular Medicine	2011	15	1005-1011	4,125
L.14	Gherghiceanu M, Manole CG, Popescu LM	Telocytes in endocardium: electron microscope evidence	Journal of Cellular and Molecular Medicine	2010	14	2330-2334	4,608
L.15	Gherghiceanu M, Popescu LM	Cardiomyocyte precursors and telocytes in epicardial stem cell niche: electron microscope images	Journal of Cellular and Molecular Medicine	2010	14	871-877	4,608
L.16	Gherghiceanu M, Popescu LM	Human epicardium: ultrastructural ancestry of mesothelium and mesenchymal cells	Journal of Cellular and Molecular Medicine	2009	13	2949-2951	5,228
L.17	Gherghiceanu M, Hinescu ME, Popescu LM	Myocardial interstitial Cajal-like cells (ICLC) in caveolin-1 KO mice	Journal of Cellular and Molecular Medicine	2009	13	202-206	5,228
L.18	Gherghiceanu M, Hinescu ME, Andrei F, Mandache E, Macarie CE, Faussone-Pellegrini MS, Popescu LM	Interstitial Cajal-like cells (ICLC) in myocardial sleeves of human pulmonary veins	Journal of Cellular and Molecular Medicine	2008	12	1777-1781	5,114
L.19	Gherghiceanu M, Popescu LM	Electron microscope tomography: further demonstration of nanocontacts between caveolae and smooth muscle sarcoplasmic reticulum	Journal of Cellular and Molecular Medicine	2007	11	1416-1418	6,807
L.20	Mandache E, Popescu LM, Gherghiceanu M	Myocardial interstitial Cajal-like cells (ICLC) and their nanostructural relationships with intercalated discs: shed vesicles as intermediates	Journal of Cellular and Molecular Medicine	2007	11	1175-1184	6,807
L.21	Suciu L, Popescu LM, Gherghiceanu M	Human placenta: de visu demonstration of interstitial Cajal-like cells	Journal of Cellular and Molecular Medicine	2007	11	590-597	6,807

Nr. Crt.	Autori	Titlu articol	Revista	An	Volum	Pagini	Factor de impact
L.22	Gherghiceanu M, Popescu LM	Caveolar nanospaces in smooth muscle cells	Journal of Cellular and Molecular Medicine	2006	10	519-528	6,555
L.23	Gherghiceanu M, Popescu LM	Interstitial Cajal-like cells (ICLC) in human resting mammary gland stroma. Transmission electron microscope (TEM) identification	Journal of Cellular and Molecular Medicine	2005	9	893-910	3,606
L.24	Gherghiceanu M, Penescu M, Mandache E	The predictive value of peritubular capillaries C3d deposition in IgA glomerulonephritis	Journal of Cellular and Molecular Medicine	2005	9	143-152	3,606
L.25	Mandache E, Gherghiceanu M	Ultrastructural defects of the glomerular basement membranes associated with primary glomerular nephropathies	Ultrastructural Pathology	2004	28	103-108	2,153

Criteriu îndeplinit:

DA NU

4. Indexul Hirsch

Criteriul	Standard minim	Realizat
Index Hirsch	6	46

Lucrările care sunt luate în considerare pentru calculul indexului Hirsch (conform Web of Science – Core Collection):

Nr. Crt.	Autori	Titlu articol	Revista	An	Volum	Pagini	Numărul de citări
L1	Barile L, Lionetti V, Cervio E, Matteucci M, Gherghiceanu M, Popescu LM, Torre T, Siclari F, Moccetti T, Vassalli G	Extracellular vesicles from human cardiac progenitor cells inhibit cardiomyocyte apoptosis and improve cardiac function after myocardial infarction	Cardiovascular Research	2014	103	530-541	507
L2	Gurusamy N, Lekli I, Mukherjee S, Ray D, Ahsan MK, Gherghiceanu M, Popescu LM, Das DK	Cardioprotection by resveratrol: a novel mechanism via autophagy involving the mTORC2 pathway	Cardiovascular Research	2010	86	103-112	220
L3	Gherghiceanu M, Popescu L	Cardiac telocytes - their junctions and functional implications	Cell and Tissue Research	2012	348	265-279	211
L4	Manole CG, Cismasiu V, Gherghiceanu M, Popescu LM	Experimental acute myocardial infarction: telocytes involvement in neo-angiogenesis	Journal of Cellular and Molecular Medicine	2011	15	2284-2296	177
L5	Popescu LM, Gherghiceanu M, Suciuc LC, Manole CG, Hinescu ME	Telocytes and putative stem cells in the lungs: electron microscopy, electron tomography and laser scanning microscopy	Cell and Tissue Research	2011	345	391-403	177
L6	Gherghiceanu M, Popescu LM	Cardiomyocyte precursors and telocytes in epicardial stem cell niche: electron microscope images	Journal of Cellular and Molecular Medicine	2010	14	871-877	169
L7	Suciuc L, Popescu LM, Gherghiceanu M, Regalia T, Nicolescu MI, Hinescu ME, Faussone-Pellegrini MS	Telocytes in Human Term Placenta: Morphology and Phenotype	Cells Tissues Organs	2010	192	325-339	167
L8	Popescu LM, Manole E, Serboiu CS, Manole CG, Suciuc LC, Gherghiceanu M, Popescu BO	Identification of telocytes in skeletal muscle interstitium: implication for muscle regeneration	Journal of Cellular and Molecular Medicine	2011	15	1379-1392	161
L9	Gurusamy N, Lekli I, Gorbunov NV, Gherghiceanu M, Popescu LM, Das DK	Cardioprotection by adaptation to ischaemia augments autophagy in association with BAG-1 protein	Journal of Cellular and Molecular Medicine	2009	13	373-387	152
L10	Ceafalan L, Gherghiceanu M, Popescu LM, Simionescu O	Telocytes in human skin - are they involved in skin regeneration?	Journal of Cellular and Molecular Medicine	2012	16	1405-1420	148
L11	Popescu LM, Gherghiceanu M, Cretoiu D, Radu E	The connective connection: interstitial cells of Cajal (ICC) and ICC-like cells establish synapses with immunoreactive cells. Electron microscope study in situ.	Journal of Cellular and Molecular Medicine	2005	9	714-730	137

Nr. Crt.	Autori	Titlu articol	Revista	An	Volum	Pagini	Numărul de citări
L12	Popescu LM, Ciontea SM, Cretoiu D, Hinescu ME, Radu E, Ionescu N, Ceausu M, Gherghiceanu M, Braga RI, Vasilescu F, Zagrean L, Ardeleanu C	Novel type of interstitial cell (Cajal-like) in human fallopian tube	Journal of Cellular and Molecular Medicine	2005	9	479-523	137
L13	Ciontea SM, Radu E, Regalia T, Ceafalan L, Cretoiu D, Gherghiceanu M, Braga RI, Matincenco M, Zagrean L, Hinescu ME, Popescu LM	C-kit immunopositive interstitial cells (Cajal-type) in human myometrium	Journal of Cellular and Molecular Medicine	2005	9	407-420	135
L14	Popescu LM, Manole CG, Gherghiceanu M, Ardelean A, Nicolescu MI, Hinescu ME, Kostin S	Telocytes in human epicardium	Journal of Cellular and Molecular Medicine	2010	14	2085-2093	131
L15	Popescu LM, Gherghiceanu M, Manole CG, Faussone-Pellegrini MS	Cardiac renewing: interstitial Cajal-like cells nurse cardiomyocyte progenitors in epicardial stem cell niches	Journal of Cellular and Molecular Medicine	2009	13	866-886	129
L16	Bani D, Formigli L, Gherghiceanu M, Faussone-Pellegrini MS	Telocytes as supporting cells for myocardial tissue organization in developing and adult heart	Journal of Cellular and Molecular Medicine	2010	14	2531-2538	128
L17	Fertig ET, Gherghiceanu M, Popescu LM	Extracellular vesicles release by cardiac telocytes: electron microscopy and electron tomography	Journal of Cellular and Molecular Medicine	2014	18	1938-1943	126
L18	Gherghiceanu M, Barad L, Novak A, Reiter I, Itskovitz-Eldor J, Binah O, Popescu LM	Cardiomyocytes derived from human embryonic and induced pluripotent stem cells: comparative ultrastructure	Journal of Cellular and Molecular Medicine	2011	15	2539-2551	121
L19	Gherghiceanu M, Manole CG, Popescu LM	TELOCYTES IN ENDOCARDIUM: Electron Microscope Evidence	Journal of Cellular and Molecular Medicine	2010	14	2330-2334	120
L20	Paunescu V, Bojin FM, Tatu CA, Gavriiliuc OI, Rosca A, Gruia AT, Tanasie G, Bunu C, Crisnic D, Gherghiceanu M, Tatu FR, Tatu CS, Vermesan S	Tumour-associated fibroblasts and mesenchymal stem cells: more similarities than differences	Journal of Cellular and Molecular Medicine	2011	15	635-646	118
L21	Luesma MJ, Gherghiceanu M, Popescu LM	Telocytes and stem cells in limbus and uvea of mouse eye	Journal of Cellular and Molecular Medicine	2013	17	1016-1024	113

Nr. Crt.	Autori	Titlu articol	Revista	An	Volum	Pagini	Numărul de citări
L22	Gherghiceanu M, Popescu LM	Interstitial Cajal-like cells (ICLC) in human resting mammary gland stroma. Transmission electron microscope (TEM) identification	Journal of Cellular and Molecular Medicine	2005	9	893-910	107
L23	Hinescu ME, Gherghiceanu M, Mandache E, Ciontea SM, Popescu LM	Interstitial Cajal-like cells (ICLC) in atrial myocardium: ultrastructural and immunohistochemical characterization	Journal of Cellular and Molecular Medicine	2006	10	243-257	106
L24	Enciu AM, Gherghiceanu M, Popescu BO	Triggers and Effectors of Oxidative Stress at Blood-Brain Barrier Level: Relevance for Brain Ageing and Neurodegeneration	Oxidative Medicine and Cellular Longevity	2013	2013	29751-2	104
L25	Popescu LM, Gherghiceanu M, Hinescu ME, Cretoiu D, Ceafalan L, Regalia T, Popescu AC, Ardeleanu C, Mandache E	Insights into the interstitium of ventricular myocardium: interstitial Cajal-like cells (ICLC)	Journal of Cellular and Molecular Medicine	2006	10	429-458	99
L26	Hinescu ME, Ardeleanu C, Gherghiceanu M, Popescu LM	Interstitial Cajal-like cells in human gallbladder	Journal of Molecular Histology	2007	38	275-284	98
L27	Gherghiceanu M, Hinescu ME, Andrei F, Mandache E, Macarie CE, Faussone-Pellegrini MS, Popescu LM	Interstitial Cajal-like cells (ICLC) in myocardial sleeves of human pulmonary veins	Journal of Cellular and Molecular Medicine	2008	12	1777-1781	97
L28	Hinescu ME, Gherghiceanu M, Suciu L, Popescu LM	Telocytes in pleura: two- and three-dimensional imaging by transmission electron microscopy	Cell and Tissue Research	2011	343	389-397	94
L29	Dumitrescu L, Popescu-Olaru I, Cozma L, Tulba D, Hinescu ME, Ceafalan LC, Gherghiceanu M, Popescu BO	Oxidative Stress and the Microbiota-Gut-Brain Axis	Oxidative Medicine and Cellular Longevity	2018	2018	24065-94	91
L30	Gherghiceanu M, Popescu LM	Heterocellular communication in the heart: electron tomography of telocyte-myocyte junctions	Journal of Cellular and Molecular Medicine	2011	15	1005-1011	91
L31	Popescu BO, Gherghiceanu M, Kostin S, Ceafalan L, Popescu LM	Telocytes in meninges and choroid plexus	Neuroscience Letters	2012	516	265-269	87
L32	Cretoiu D, Hummel E, Zimmermann H, Gherghiceanu M, Popescu LM	Human cardiac telocytes: 3D imaging by FIB-SEM tomography	Journal of Cellular and Molecular Medicine	2014	18	2157-2164	78

Nr. Crt.	Autori	Titlu articol	Revista	An	Volum	Pagini	Numărul de citări
L33	Popescu LM, Curici A, Wang ES, Zhang H, Hu SS, Gherghiceanu M	Telocytes and putative stem cells in ageing human heart	Journal of Cellular and Molecular Medicine	2015	19	31-45	73
L34	Mandache E, Popescu LM, Gherghiceanu M	Myocardial interstitial Cajal-like cells (ICLC) and their nanostructural relationships with intercalated discs: shed vesicles as intermediates	Journal of Cellular and Molecular Medicine	2007	11	1175-1184	70
L35	Hinescu ME, Popescu LM, Gherghiceanu M, Faussone-Pellegrini MS	Interstitial Cajal-like cells in rat mesentery: an ultrastructural and immunohistochemical approach	Journal of Cellular and Molecular Medicine	2008	12	260-270	69
L36	Marcu A, Pop S, Dumitrache F, Mocanu M, Niculite CM, Gherghiceanu M, Lungu CP, Fleaca C, Ianchis R, Barbut A, Grigoriu C, Morjan I	Magnetic iron oxide nanoparticles as drug delivery system in breast cancer	Applied Surface Science	2013	281	60-65	65
L37	Cretoiu D, Gherghiceanu M, Hummel E, Zimmermann H, Simionescu O, Popescu LM	FIB-SEM tomography of human skin telocytes and their extracellular vesicles	Journal of Cellular and Molecular Medicine	2015	19	714-722	59
L38	Barile L, Gherghiceanu M, Popescu LM, Moccetti T, Vassalli G	Ultrastructural Evidence of Exosome Secretion by Progenitor Cells in Adult Mouse Myocardium and Adult Human Cardiospheres	Journal of Biomedicine and Biotechnology	2012		35460-5	58
L39	Constantin C, Neagu M, Ion RM, Gherghiceanu M, Stavaru C	Fullerene-porphyrin nanostructures in photodynamic therapy	Nanomedicine	2010	5	307-317	55
L40	Ciullo A, Biemmi V, Milano G, Bolis S, Cervio E, Fertig ET, Gherghiceanu M, Moccetti T, Camici GG, Vassalli G, Barile L	Exosomal Expression of CXCR4 Targets Cardioprotective Vesicles to Myocardial Infarction and Improves Outcome after Systemic Administration	International Journal of Molecular Sciences	2019	20	468	54
L41	Mandache E, Gherghiceanu M, Macarie C, Kostin S, Popescu LM	Telocytes in human isolated atrial amyloidosis: ultrastructural remodelling	Journal of Cellular and Molecular Medicine	2010	14	2739-2747	54
L42	Lekli I, Ray D, Mukherjee S, Gurusamy N, Ahsan MK, Juhasz B, Bak I, Tosaki A, Gherghiceanu M, Popescu LM, Das DK	Co-ordinated autophagy with resveratrol and gamma-tocotrienol confers synergetic cardioprotection	Journal of Cellular and Molecular Medicine	2010	14	2506-2518	52

Nr. Crt.	Autori	Titlu articol	Revista	An	Volum	Pagini	Numărul de citări
L43	Novak A, Barad L, Lorber A, Gherghiceanu M, Reiter I, Eisen B, Eldor L, Itskovitz-Eldor J, Eldar M, Arad M, Binah O	Functional abnormalities in iPSC-derived cardiomyocytes generated from CPVT1 and CPVT2 patients carrying ryanodine or calsequestrin mutations	Journal of Cellular and Molecular Medicine	2015	19	2006-2018	51
L44	Manole C, Gherghiceanu M, Simionescu O	Telocyte dynamics in psoriasis	Journal of Cellular and Molecular Medicine	2015	19	1504-1519	49
L45	Faussone-Pellegrini MS, Gherghiceanu M	Telocyte's contacts	Seminars In Cell & Developmental Biology	2016	55	3-8	47
L46	Gurusamy N, Lekli I, Gherghiceanu M, Popescu LM, Das DK	BAG-1 induces autophagy for cardiac cell survival	Autophagy	2009	5	120-121	46

Criteriu îndeplinit:

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Confirm prin prezenta că datele menționate mai sus sunt reale și se referă la propria mea activitate profesională și științifică

Data
21.08.2023

Mihaela Gherghiceanu

Note asupra metodei de calcul:

1. va fi luat în considerare Indexul Hirsch calculat utilizând ISI Web of Science Clarivate, Core Collection, Thomson Reuters, pentru întreaga carieră a candidatului („all years”);
2. o revistă cotate ISI este o revistă pentru care Thomson Reuters calculează și publică factorul de impact în „Journal Citation Reports”;
3. autorul/autorii principali ai unei publicații se consideră a fi oricare dintre următorii:
 - a. primul autor;
 - b. autorul corespondent;
 - c. alți autori, a căror contribuție este indicată explicit în cadrul publicației a fi egală cu contribuția primului autor sau a autorului corespondent;
 - d. ultimul autor.
4. factorul cumulat de impact va fi calculat pentru articolele la care candidatul este autor principal (FCIAP). FCIAP = suma factorilor de impact ai articolelor publicate de autor în calitate de autor principal în reviste cotate ISI;
5. vor fi incluse articole originale și reviews; în cazul publicațiilor în reviste cu factor de impact mai mare decât 3, pot fi luate în considerare și alte tipuri de publicații în extenso (nu rezumate).