1. Articole publicate *in extenso* în reviste indexate ISI – publicate în calitate de autor principal (12):

Nr. Crt.	Titlul și autori	Revista, vol, nr, pag	Anul	IF (Q)
1.	Respiratory sinus arrhythmia and serotonin transporter promoter gene polymorphisms: Taking a triallelic approach makes a difference. **Vulturar R,** Chiș A, Ungureanu L, Miu AC. **Primul autor**	Psychophysiology, 49:1412–1416.	2012	3,88 (Q1)
2.	Somatic markers mediate the effect of serotonin transporter gene polymorphisms on Iowa Gambling Task. Miu AC, Crișan LG, Chiș A, Ungureanu L, Drugă B, **Vulturar R.** **Ultimul autor**	Genes, Brain and Behavior, 11(4):398-403.	2012	3,661 (Q1)
3.	Attentional biases to threat and serotonin transporter gene promoter (5-HTTLPR) polymorphisms: Evidence from a probe discrimination task with endogenous cues. Miu AC, **Vulturar R**, Chiș A, Ungureanu L. **Autor cu contribuție egală cu primul autor**	Translational Neuroscience, 3(2):160-166.	2012	1,319
4.	Allelic distribution of BDNF Val66Met polymorphism in healthy Romanian volunteers. **Vulturar R**, Chiș A, Hambrich M, Kelemen B, Ungureanu L, Miu AC. **Primul autor**	Translational Neuroscience, 7(1):31-34.	2016	1,247
5.	A novel common large genomic deletion and two new missense mutations identified in the Romanian phenylketonuria population. Gemperle-Britschgi C, Iorgulescu D, Mager MA, Anton-Paduraru D, **Vulturar R,** Thony B. **Autor de corespondență**	Gene, 576:182-188.	2016	2,415 (Q2)
6.	Behavioral and cortisol responses to stress in newborn infants: Effects of mode of delivery. Chiș A, **Vulturar R,** Andreica S, Prodan A, Miu AC. **Autor cu contribuție egală cu primul autor**	Psychoneuroendocrinology, 86:203–208.	2017	4,731 (Q1)
7.	Novel Mutation in GALT Gene in Galactosemia Patient with Group B Streptococcus Meningitis and Acute Liver Failure. Grama A, Blaga L, Nicolescu A, Deleanu C, Militaru M, Căinap MS, Pop I, Tita G, Sîrbe C, Fufezan O, Vințan MA, **Vulturar R.,** Pop TL. **Autor de corespondență**	Medicina-Lithuania 55(91):1-6.	2019	1,429
8.	Severe Neonatal Argininosuccinic Aciduria Case Investigated by 1H NMR Spectroscopy. **Vulturar R,** Chiș A, Baizat M., Cozma A, Suharoschi R, Nicolescu A, Deleanu C. **Primul autor**	Revista de Chimie, 71, 3:210-218.	2020	1,755
9.	Iron Supplementation Influence on the Gut Microbiota and Probiotic Intake Effect in Iron Deficiency—A Literature-Based Review. Rusu IG, Suharoschi R, Vodnar DC, Pop CR, Socaci SA, **Vulturar R**, Istrati M, Moroșan I, Fărcaș AC, Kerezsi AD, Mureșan AI, Pop OL. **Autor de corespondență**	Nutrients, 12:1993.	2020	5,089 (Q1)

10.	Rheumatoid Arthritis and CLOVES Syndrome: A Tricky Diagnosis. Damian L, Lebovici A, Pamfil C, Belizna C, **Vulturar R**. **Ultimul autor**	Diagnostics, 10:467.	2020	3,11 (Q1)
11.	Interleukin-1A and interleukin-1B gene polymorphisms in gastroesophageal reflux disease. Picoș A, **Vulturar R**, Picoș A, Chiș A, Chiorean I, Piciu A, Petrachescu N, Dumitrașcu D. **Autor cu contribuție egală cu primul autor**	Experimental and Therap. Medicine, 20(4):3394-98.	2020	1,73 (Q2)
12.	Insights on health and food applications of *Equus asinus* (donkey) milk bioactive proteins and peptides – An overview. Derdak R., Sakoui S., Pop O.L., Muresan C.I., Vodnar D.C., Addoum B., **Vulturar R.**, Chiș A., Suharoschi R., Soukri A., El Khalfi B. **Autor de corespondență**	Foods, 9:1302.	2020	4,092 (Q1)

2. Articole publicate *in extenso* în reviste indexate ISI Thomson Reuters în calitate de co-autor (14):

Nr. Ctr.	Titlul și autori	Revista, volum, nr. pag	Anul	IF (Q)
1.	Genetic contributions of the serotonin transporter to social learning of fear and economic decision making. Crișan LG, Pană S, **Vulturar R,** Heilman RM, Szekely R, Drugă B, Dragoș N, Miu AC.	Social Cognitive and Affective Neuroscience, 4(4):399-408.	2009	7,372 (Q2)
2.	Diagnosis and monitoring by GC-MS. Horj E, Florescu D, Iordache A, Mesaros C, **Vulturar R**, Culea M., ISI Proceedings	Chemicke Listy, 105:1047-1048.	2011	0,62
3.	Reappraisal as a mediator in the link between 5-HTTLPR and social anxiety symptoms. Miu AC, **Vulturar R,** Chiș A, Ungureanu L, Gross JJ.	Emotion, 13(6):1012-1022.	2013	3,875 (Q1)
4.	Emotional non-acceptance links early life stress and blunted cortisol reactivity to social threat. Cărnuță M, Crișan LG, **Vulturar R,** Opre A, Miu AC.	Psychoneuroendocrinology 51:176-187.	2015	5,591 (Q1)
5.	Shame and guilt-proneness in adolescents: gene-environment interactions, Szentagotai-Tătar A, Chiș A, **Vulturar R**, Dobrean A, Cândea DM, Miu AC.	PLoS ONE, 10(7):1-15.	2015	3,234 (Q2)
6.	Reactivity to social stress in subclinical social anxiety: emotional experience, cognitive appraisals, behavior, and physiology, Crișan L, **Vulturar R**, Miclea M, Miu AC.	Frontiers in Psychiatry, 7(5):1-10.	2016	3,68 (Q2)
7.	BDNF Val66Met polymorphism moderates the link between child maltreatment and reappraisal ability, Miu AC, Cărnuță M, **Vulturar R**, Szelely-Copindean RD, Bîlc MI, Chiș A, Cioară M, Fernandez KC, Szentagotai-Tătar A, Gross JJ.	Genes, Brain and Behavior, 16(4):419-426.	2017	3,661 (Q1)
8.	Determining factors of arterial stiffness in subjects with metabolic syndrome. Cozma A, Sitar-Taut A, Orășan RO, Leucuta D, Alexescu T, Stan A, Negrean V, Sampelean D, Pop D, Zdrenghea D, **Vulturar R**, Fodor A.	Metabolic Syndrome and Related Disorders, 16(9), 490-496.	2018	1,774

9.	Childhood trauma and emotion regulation: The moderator role of BDNF Val66Met. Bîlc MI, **Vulturar R**, Chiș A, Buciuman M, Nuțu D, Bunea I, Szentagotai-Tătar A, Miu AC.	Neuroscience Letters, 685:7-11.	2018	2,159
10.	Genetic studies in irritable bowel syndrome-status quo. Popa St-L, Dumitrașcu DL, **Vulturar R**, Niesler B,	World Journal Meta-Analysis, 6(1):1-8.	2018	-
11.	Pharmacogenetic Implications of eNOS Polymorphisms (*Glu298Asp, T786C, 4b/4a*), in Cardiovascular Drug Therapy. Cozma A, Fodor A, Orasan OH, **Vulturar R**, Samplelean D, Negrean V, Muresan C, Suharoschi R, Sitar-Taut A.	In Vivo, 33(4):1051-1058.	2019	1,609
12.	DNA Methylation and Micro-RNAs: The Most Recent and Relevant Biomarkers in the Early Diagnosis of Hepatocellular Carcinoma, Cozma A, Fodor A, **Vulturar R**, Sitar-Tăut AV, Orășan OH, Mureșan F, Login C, Suharoschi R.	Medicina, 19;55(9):607.	2019	1,429
13.	A comparison between insulin resistance scores parameters in identifying patients with metabolic syndrome. Sitar-Taut A, Pop D, Negrean V, Sampelean D, **Vulturar R**, Muresan C, Suharoschi R, Orășan O, Fodor A, Cozma A.	Studia Universitatis Babes-Bolyai Chemia, 64(1):147-159.	2019	0,275
14	Collaborative platform development in nutrition as support for cardiovascular patients' rehabilitation, Sitar-Taut D, Sitar-Taut A, Mican D, Cozma A, Orasan O, Muresan C, Suharoschi R, Negrean V, Sampelean D, **Vulturar R**, Zdrenghea D, Pop D, Dogaru G, Dadarlat A, Fodor A,	Balneo Research Journal**,** ISSN: 2069-7597, Vol.10, No.2: 139–144.	2019	-

3. Articole publicate *in extenso* în reviste indexate BDI, volume cu ISBN/ ISSN în calitate de prim sau ultim autor (4):

Nr. Crt.	Titlul și autori	Revista, volum, nr. pagini	Anul
1.	Neurocognitive development in phenylketonuria - clinical study. Berecki MA, Benga I, Palade AS, **Vulturar R.**	Clujul Medical, 83(4):669-674.	2010
2.	The Cannabis and the endocannabinoid system: psychotropic and metabolic effects. **Vulturar R**, Cucuianu M.	Clujul Medical, 84(4): 471-476.	2011
3.	Interacţiuni ale dietei cu mecanisme fiziologice de limitare a aterogenezei, Cucuianu M, **Vulturar R.**	Clujul Medical, 85(4): 537-541.	2012
4.	Lessons learnt from investigations for Inborn Errors of Metabolism - Metabolomic approach involving small molecules, Nicolescu A, Cozma A, Lazea C, Andreica S, Deleanu C, **Vulturar R.**	Filodiritto Publ., 5th Medical Genetics Congress, pag 192-*197.*	2019

4. Articole publicate *in extenso* în reviste științifice indexate BDI în calitate de co-autor (2):

Nr. Crt.	Titlul și autori	Revista, volum, nr. pagini	Anul
1.	Intelligence quotient variation in phenylketonuria according to the age of therapy onset and control, Berecki MA, Palade S, **Vulturar R,** Benga I.	Clujul Medical, 84:229-234.	2011
2.	The development of neonatal gut microbiota and its role in health and disease. Andreica S, **Vulturar R**, Chiș A, Miu AC.	Obstetrica și Ginecologia, LXVI: 59-65.	2018

5. Lucrări publicate ca autor principal *în rezumat* în reviste indexate ISI Thomson Reuters, BDI, volume cu ISBN/ISSN, selecție:

Nr. Crt.	Titlu și autori	Volum și / sau revistă	Anul
1.	Considerations about a case with congenital lactic acidemia and high excretion of citrulline, proline, lysine and pipecolic acid. **Vulturar R,** Lupea I., Benga Gh.	Journal of Inherited Metab. Disease, Vol. 27, Suppl. I, p. 114. [ISI]	2004
2.	Metoda densitometrică de determinare a concentrației unor aminoacizi plasmatici (leucină, izoleucină, valină) pe cromatograme bidimensionale în strat subțire. **Vulturar R**, Benga I, Benga Gh.	Buletinul Soc. Nat. de Biologie Celulară, Vol.rezum. p. 233.	2004
3.	Biochemical phenotypes in patients with hiperphenylalaninemia/ phenylketonuria established by videodensitometry original method on 2D-TLC plates. **Vulturar R,** Benga I, Benga Gh.	Journal of Inherited Metabolic Disease, Vol. 28, Suppl I, p. 27. [ISI]	2005
4.	Metabolic, nutritional and artifactual sources of changes in urinary and plasma amino acids: a comprehensive approach, **Vulturar R,** Benga I, Gerlo E, Benga Gh.	Journal of Inherited Metabolic Disease, Vol. 29, Suppl. 1, p. 88. [ISI]	2006
5.	Characterization of 8kb deletion in the phenylalanine hydroxylase (PAH) gene. Kozak L, Hrabincova E, Horky O, **Vulturar R.**	Journal of Inherited Metabolic Disease, Vol. 30, Suppl.1, p. 10. [ISI]	2007
6.	Aspecte clinice şi de laborator în deficienţa biotinidazei. **Vulturar R.**	Clujul Medical, Vol. 80 Suppl. I, p. 23	2007
7.	Hiperglicinemia noncetotică: diagnostic pozitiv, diagnostic diferenţial, **Vulturar R**, Toma AI, Benga Gh.	Buletinul Soc. Nat. de Biol. Cel. Vol. de rez, .84	2009
8.	Molecular and phenotypical aspects in a group of Romanian patients with phenylketonuria. **Vulturar R**, Berecki M.	Journal of Inherited JIMD 33, Suppl. I, p. 115. [ISI]	2010
9.	Recurrent stroke episodes in OTC deficiency: clinical and biochemical aspects and report of a novel mutation. **Vulturar R**, Deleanu C, Nicolescu A, Avram P, Bodamer O, Muehl A, Hëberle J.	Journal of Inherited Metabolic Disease, Vol. 34, Suppl. 1, p. S92. [ISI]	2011

10.	NMR spectroscopy for diagnosis and monitoring of metabolites in some inborn errors of metabolism: OTC deficiency, galactosemia and alkaptonuria. **Vulturar R**, Nicolescu A, Avram P, Deleanu C.	Journal of Inherited Metabolic Disease, Vol. 34, Suppl. 1, p. S270. [ISI]	2011
11.	Association of the serotonin transporter promoter gene polymorphism (5-HTTLPR/rs 25531 with respiratory sinus arrhythmia: the triallelic approach makes a difference **R Vulturar**, A Chis, L Ungureanu, A Miu	Journal of Inherited Metabolic Disease, 35, S165-S165. [ISI]	2012
12.	Clinical and biochemical aspects in a newborn with classical MSUD, and report of a novel mutation in BCKDHA gene. **Vulturar R**, Nicolescu A, Deleanu C, Häberle J.	Journal of Inherited Metabolic Disease, Vol. 36, Suppl. I, p. S158. [ISI]	2013
13.	The importance of NMR spectroscopy in diagnosis of some inborn errors of metabolism: lessons from hyperammonemia condition, galactosemia, and alkaptonuria, **Vulturar R,** Nicolescu A, Deleanu C,	European Journal of Human Genetics, Vol. 22, Suppl. 1, p. 416. [ISI]	2014
14.	NMR Spectroscopy as a tool in differential diagnosis, our experience in a patient suspected for tyrosinemia type I. **Vulturar R**, Nicolescu A, Pop T, Deleanu C.	Journal of Inherited Metab. Disease, Vol. 33, Suppl I, p. S144. [ISI]	2015
15.	Diagnostics and therapy insights: Inborn errors of metabolism, focus on treatable disorders, phenylketonuria being just a paradigm. **Vulturar R**, Nicolescu A, Deleanu C.	Clujul Medical, Vol. 88, Supl. 3, p. S57.	2015
16.	Urinary biomarkers measured through NMR spectroscopy and clinical aspects in four patients with galactose-1-phosphate uridyltransferase deficiency **Vulturar Romana**, Nicolescu Alina, Pop Tudor, Tătar Simona, Deleanu Călin	Journal of Inherited Metabolic Disorders (JIMD), Vol. 39, Suppl. 1, p. S148. [ISI]	2016
17.	Ketolysis defect, literature review and diagnostic peculiarities in a 4 years old child. **Vulturar Romana**, Nicolescu Alina, Bodea Laura, Chiș Adina, Deleanu Călin	Journal of Inherited Metab. Disorders Vol 41, Suppl. 1, E-144. [ISI]	2018
18.	Old roads with new connections: landmarks in diagnosis and pathophysiological mechanisms in rare diseases, focus on treatable neuro-metabolic disorders. **Vulturar R,** Nicolescu A, Suharoschi R, Deleanu C.	Clujul Medical, Vol. 91, Suppl. 6, p. S57.	2018
19.	In silico insight into epigenetic and transcription chemopreventive signaling mechanism in oral cancer, Ramona Suharoschi, **R. Vulturar**, Angela Cozma, Adriana Fodor, Adela Viviana Sitar Tăut, Ioana Baldea, Adriana Filip	Clujul Med 2018, vol 91, Suppl. 6, S55	2018
20.	Differential Gene Expression of PI3K-AKT signaling pathway of human DOK cell line treated with biofunctionalized nanoparticles with poliphenols of *Cornus mas* L. - *in vitro* pilot study, R. Suharoschi, C. Muresan, A. Nistor, G. A. Filip, Ioana Baldea, B. Moldovan, L. David, **R. Vulturar**	Romanian Journal of Rare Diseases, Suppl. 2019, pag 51-52.	2019

21.	From hipothalamic-pituitary-adrenal axis (HPA) to micro-biota-gut-brain axis (MGBA): development in infancy and implications for health. **Vulturar R**, Chiș A, Dumitru-Ionescu G, Miu AC.	MEDICINE AND PHARMACY REPORTS 2019 VOL. 92 – Suppl. 1, S48.	2019
22.	Methylmalonic acid as a biomarker measured by NMR spectroscopy in the evaluation of B_{12} vitamine response in a potential lethal inborn error of metabolism, **R. Vulturar**, M. Lazăr, V. Sas, A. Chiș, C.Deleanu, Sorin Man, Cristina Schnell, Alina Nicolescu	MEDICINE AND PHARMACY REPORTS 2019 VOL. 92, Suppl. 6, S 39	2019
23.	Linking cell biology with monogenic diseases: revealing psychiatric manifestations in inborn errors of metabolism, **Romana Vulturar**, Maria Vințan, Teodora Poliac, Adina Chiș, Laura Damian	MEDICINE AND PHARMACY REPORTS 2019 VOL. 92, Suppl. 6, S 39-40	2019
24.	NMR Spectroscopy in diagnosis of several inborn errors of metabolism: methylmalonic acidurias, ketolysis defect, **R.Vulturar**, A.Nicolescu, S.Andreica, I. Nascu, C. Deleanu	European Journal of Human Genetics (2019) 26, p. 895. [ISI]	2019
25.	Treatable monogenic diseases, our experience in approaching inherited metabolic disorders with developmental deficiencies, **Vulturar R**, Damian L, Nicolescu A, Avram P, Chiș A, Lazea C, Suharoschi R, Sitar-Tăut A, Cozma A, Fodor A, Deleanu C	Romanian Journal of Rare Diseases, Suppl . 2019, p. 23-24	2019
26.	Differential Gene Expression of PI3K-AKT signaling path-way of human DOK cell line treated with biofunctionalized nanoparticles with poliphenols of *Cornus mas* L. - *in vitro* pilot study, R. Suharoschi, C. Muresan, A. Nistor, G. A. Filip, Ioana Baldea, B. Moldovan, L. David, **R. Vulturar**	Romanian Journal of Rare Diseases, Suppl . 2019, p. 51-52	2019
27.	Urinary metabolic profile in HMGCoA lyase deficiency identified through rapid NMR spectroscopy in an infant with severe hypoglycemia, **R. Vulturar,** A. Nicolescu, A. Grama, A. Chiș, T. Pop, C. Deleanu	Journal of Inherited Metabolic Disorders 2019, 42, Suppl. 1, p. 294. [ISI]	2019
28.	Cortisol in amniotic fluid evaluated with an ELISA method designed for salivary cortisol, a pilot study**,** B. Mihart, A. Chis, A.C. Miu, T. Kovacs, Andrei Mitre, **R. Vuturar**	The 30th European Students' Conf.,Sept 2019, Berlin, p. 12	2019
29.	Bearing the Flame: Mevalonate Kinase Deficiency, Marc-Tudor D.E. Damian, Bianca E. Jurjiu, Bianca M.V. Balan, Laura Damian, **Romana Vulturar**	Vol de rezum, 4-8 dec 2019, Congresul Stud. Bucuresti, p. 42	2019
30.	5-HTTLPR polymorphisms distribution among 1497 healthy Romanian volunteers, Tudor Hîrlea, Adina Chiș, A. Miu, **Romana Vulturar**	Vol de rezum, 4-8 dec 2019, Congresul Stud. Bucuresti, p. 78	2019
31.	Juvenile-onset polyarteritis nodosa: an adult series, Laura Damian, B. Stancu, Liliana Bene, Liliana Rogojan, Ioana Rusu, Bianca Bălan, Bianca Jurjiu, Ana Petcu, Cecilia La-zea, Mihaela Spârchez, Călin Lazăr, Simona Rednic, **Romana Vulturar**	Medicine and Pharmacy Reports, Suppl.No. 1, Vol. 93, 2020, e-ISSN: 2668-1250, S 17	2020

6. Capitole de carte cu ISBN publicate în edituri internaționale:

Nr. Crt.	Titlul și autori	Editura, pagini, ISBN	Anul
1.	Capitolul: *Dietary fiber: properties, recovery and applications,* Suharoschi R, Pop OL, Vlaic RA, Muresan CI, Muresan CC, Cozma A, Sitar-Taut AV, **Vulturar R**, Heghes SC, Fodor A, Iuga AC. Editor: Charis M. Galanakis, **co-autor**	Academic Press Elsevier, London, p. 59-78, ISBN 978-0-12-816495-2.	2019
2.	Capitolul: *Micronutrients Defciencies in Early Life and and Impact on Long-term Health*, Oana L. Pop, **Romana Vulturar***, Adriana Fodor, Adina Chiș, Angela Cozma, Olga Orășan, Adela Sitar-Tăut, Doina Miere, Lorena Filip, Codruta S. Heghes, Anamaria Cozma Petru, Carmen I. Mureșan, Mădălina A. Coman, Bianca O. Duran, Ștefana A. Dobran, Cristina A. Iuga, Adriana G. Filip, Ramona Suharoschi*, **autor cu contribuţii egale**	Nutritional Deficiency & Impact on Health, ISBN 978-93-87500-38-9, *Acceptat, în curs de publicare*	2020

7. Cărți publicate în edituri naționale, autor principal:

Nr. Crt.	Titlul și autori	Editura, ISBN	Anul
1.	Aminoacidopatii: aspecte genetice, biochimice și clinice, **Romana Vulturar**, Mircea Cucuianu	Casa Cărții de Știință Cluj, ISBN: 9.731.330.399.	2011
2.	Introducere privind metodele de analiză a amino-acizilor în fluide biologice, implicații în bolile genetice de metabolism, **Romana Vulturar**	Editura Presa Universitară Clujeană, Cluj-Napoca, ISBN: 978-606-37-0179-5.	2017
3.	Neurotransmiterea, procese biochimice și implicații în patologia genetică umană, **Romana Vulturar**	Presa Universitară Clujeană, ISBN: 978-606-37-0254-9.	2017

8. Capitole de carte publicate în edituri naționale, coautor:

Nr. Crt.	Titlul și autori	Editura, pagini, ISBN	Anul
1.	Psychophysiology of Anxiety: from genes to behaviour în *Neurosciences Clinical Applications of Recent Knowledge*. Andrei C. Miu, **Romana Vulturar.**	Editura Medicală Universitară Iuliu Hațieganu, Cluj-Napoca**,** ISBN**:** 978-973-693-289-2**,** p. 48-76.	2008
2.	Boli înnăscute de metabolism în Protocoale de diagnostic și tratament în pediatrie, Paula Avram, **Romana Vulturar**, Gabriella Horvath, Editor: Mircea Nanulescu	Editura Amaltea, București, ISBN 978-973-162-114-2, p. 306-316.	2013
3.	Materialul genetic uman, tehnici de analiză moleculară a diferitelor secvențe genic în *Minighid de tehnici histologice si genetică moleculară*. A.Șovrea, AM. Constantin, **R. Vulturar**, E. Dronca.	Editura Digital Data Cluj, Cluj-Napoca, 2014, ISBN: 978-973-7768-86-5, p.214-251.	2014

4.	Boli înnăscute de metabolism în *Protocoale de diagnostic și tratament în pediatrie*. Paula Avram, **Romana Vulturar**, Gabriella Horvath, Editor: Mircea Nanulescu, **e**diție revizuită. Editor: Nanulescu M.	Editura Amaltea, București, ISBN: 978-973-162-170-8, p. 308-320.	2017

Cluj-Napoca,
20.09.2020

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