

Ivan Varga

List of Publications by Year in descending order

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Version: 2024-02-01

88
papers

1,328
citations

516561

16
h-index

395590

33
g-index

93
all docs

93
docs citations

93
times ranked

1780
citing authors

#	ARTICLE	IF	CITATIONS
1	Telocytes in the Female Reproductive System: Up-to-Date Knowledge, Challenges and Possible Clinical Applications. <i>Life</i> , 2022, 12, 267.	1.1	9
2	Utilization of a 3D Printed Orthodontic Distalizer for Tooth-Borne Hybrid Treatment in Class II Unilateral Malocclusions. <i>Materials</i> , 2022, 15, 1740.	1.3	21
3	Johannes Jessenius or J��n Jesenski�� (1566��1621): on the quadricentenary of death of a central European scientist, physician, teacher and philosopher. <i>Biologia (Poland)</i> , 2022, 77, 187-191.	0.8	0
4	Microscopic anatomical background of unexplained tubal infertility �� three new possible causes. <i>FASEB Journal</i> , 2022, 36, .	0.2	0
5	Comprehensive Characterization of Biological Properties of Human Urine��Derived Stem Cells. <i>FASEB Journal</i> , 2022, 36, .	0.2	0
6	Dental Care and Education Facing Highly Transmissible SARS-CoV-2 Variants: Prospective Biosafety Setting: Prospective, Single-Arm, Single-Center Study. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 7693.	1.2	16
7	Human Remains Identification Using Micro-CT, Chemometric and AI Methods in Forensic Experimental Reconstruction of Dental Patterns after Concentrated Sulphuric Acid Significant Impact. <i>Molecules</i> , 2022, 27, 4035.	1.7	4
8	Where Is the Artificial Intelligence Applied in Dentistry? Systematic Review and Literature Analysis. <i>Healthcare (Switzerland)</i> , 2022, 10, 1269.	1.0	41
9	Three-Dimensional Modeling and 3D Printing of Biocompatible Orthodontic Power-Arm Design with Clinical Application. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 9693.	1.3	23
10	Cardiac Telocytes 16 Years on����What Have We Learned So Far, and How Close Are We to Routine Application of the Knowledge in Cardiovascular Regenerative Medicine?. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10942.	1.8	9
11	Use of Advanced Artificial Intelligence in Forensic Medicine, Forensic Anthropology and Clinical Anatomy. <i>Healthcare (Switzerland)</i> , 2021, 9, 1545.	1.0	34
12	Isolation, Culture and Comprehensive Characterization of Biological Properties of Human Urine-Derived Stem Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12503.	1.8	8
13	Artificial Intelligence in Orthodontic Smart Application for Treatment Coaching and Its Impact on Clinical Performance of Patients Monitored with AI-TeleHealth System. <i>Healthcare (Switzerland)</i> , 2021, 9, 1695.	1.0	23
14	Zoological terms in the human histological nomenclature Terminologia Histologica. What we think, what we know, and what we think we know. <i>Biologia (Poland)</i> , 2020, 75, 1175-1181.	0.8	1
15	Hirschsprung��s Disease��Recent Understanding of Embryonic Aspects, Etiopathogenesis and Future Treatment Avenues. <i>Medicina (Lithuania)</i> , 2020, 56, 611.	0.8	20
16	The Syndrome of Elongated Styloid Process, the Eagle��s Syndrome��From Anatomical, Evolutionary and Embryological Backgrounds to 3D Printing and Personalized Surgery Planning. Report of Five Cases. <i>Medicina (Lithuania)</i> , 2020, 56, 458.	0.8	11
17	From TELOCYTES to TELOCYTOPATHIES. Do Recently Described Interstitial Cells Play a Role in Female Idiopathic Infertility?. <i>Medicina (Lithuania)</i> , 2020, 56, 688.	0.8	6
18	Variant Anatomy and Its Terminology. <i>Medicina (Lithuania)</i> , 2020, 56, 713.	0.8	18

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19	Comments to the first nomenclature of human cytology: the description of cells and their ultrastructure in the Terminologia Histologica. Which important medical and biological terms are disputable or missing?. Biologia (Poland), 2020, 75, 475-480.	0.8	0
20	Impaired histomorphology might provoke cell cycle regulators alteration in thymus of children with various congenital heart defects. Medical Hypotheses, 2020, 138, 109599.	0.8	1
21	Ectopic lamellar Pacinian corpuscle within the thymus. Atypical or abnormal location?. Romanian Journal of Morphology and Embryology, 2020, 61, 273-276.	0.4	3
22	Terminologia Histologica 10 years on: some disputable terms in need of discussion and recent developments. Annals of Anatomy, 2019, 226, 16-22.	1.0	6
23	Bioengineered Scaffolds as Substitutes for Grafts for Urethra Reconstruction. Materials, 2019, 12, 3449.	1.3	11
24	Renal impairment induced by prenatal exposure to angiotensin II in male rat offspring. Experimental Biology and Medicine, 2019, 244, 923-931.	1.1	10
25	How many cell types form the epithelial lining of the human uterine tubes? Revision of the histological nomenclature of the human tubal epithelium. Annals of Anatomy, 2019, 224, 73-80.	1.0	13
26	The enigmatic thymic myoid cells – their 130 years of history, embryonic origin, function and clinical significance. Biologia (Poland), 2019, 74, 521-531.	0.8	4
27	Effects of Cornelian Cherry on Atherosclerosis and Its Risk Factors. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-8.	1.9	18
28	The histological properties and possible origin of cervical thymus with cysts – A case report and hypotheses about its development. International Journal of Pediatric Otorhinolaryngology, 2019, 120, 189-195.	0.4	3
29	Recently discovered interstitial cells termed telocytes: distinguishing cell-biological and histological facts from fictions. Biologia (Poland), 2019, 74, 195-203.	0.8	19
30	Recently Discovered Interstitial Cell Population of Telocytes: Distinguishing Facts from Fiction Regarding Their Role in the Pathogenesis of Diverse Diseases Called –Telocytopathies–. Medicina (Lithuania), 2019, 55, 56.	0.8	38
31	The occurrence of intraepithelial immunologically active cells within the epithelium of the human uterine tubes. FASEB Journal, 2019, 33, 1b136.	0.2	0
32	Histological and immunohistochemical characteristics of capsular synovial metaplasias that form around silicone breast implants. Biologia (Poland), 2018, 73, 107-112.	0.8	5
33	Association between histological alterations in the thymus and sudden infant death syndrome. Journal of Clinical Forensic and Legal Medicine, 2018, 55, 8-13.	0.5	5
34	Anatomic variations of the spleen: current state of terminology, classification, and embryological background. Surgical and Radiologic Anatomy, 2018, 40, 21-29.	0.6	51
35	Recently discovered interstitial cells –telocytes– as players in the pathogenesis of uterine leiomyomas. Medical Hypotheses, 2018, 110, 64-67.	0.8	17
36	Delayed post mastectomy breast reconstructions with allogeneic acellular dermal matrix prepared by a new decellularization method. Cell and Tissue Banking, 2018, 19, 61-68.	0.5	5

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37	Microenvironment of Immune Cells Within the Visceral Adipose Tissue Senu Lato vs. Epicardial Adipose Tissue: What Do We Know?. <i>Inflammation</i> , 2018, 41, 1142-1156.	1.7	4
38	Lymphatic lacunae of the mucosal folds of human uterine tubes – A rediscovery of forgotten structures and their possible role in reproduction. <i>Annals of Anatomy</i> , 2018, 219, 121-128.	1.0	13
39	What happens to an acellular dermal matrix after implantation in the human body? A histological and electron microscopic study. <i>European Journal of Histochemistry</i> , 2018, 62, 2873.	0.6	54
40	The Terminologia Histologica after 10 years: Inconsistencies, mistakes, and new proposals. <i>Annals of Anatomy</i> , 2018, 219, 65-75.	1.0	12
41	The end-stage failing human myocardium – Where changes in ultrastructure of human cardiac muscle cells do not appear to dictate clinical outcomes. <i>Medical Hypotheses</i> , 2018, 110, 105-109.	0.8	0
42	Differentiation of adipose-derived stem cells into urothelial and smooth muscle cell lines within the structure of collagen/hyaluronan scaffold. <i>FASEB Journal</i> , 2018, 32, 1b549.	0.2	0
43	Induced pluripotent stem cells derived from different tissue sources and their prospect for osteochondral regeneration. <i>FASEB Journal</i> , 2018, 32, 1b551.	0.2	0
44	Influence of anthocyanins on myocard. <i>FASEB Journal</i> , 2018, 32, 1b605.	0.2	0
45	Václav Trnka – the story of an almost forgotten Czech–Austria–Slovakia–Hungarian anatomist of the 18th century, a founder of modern anatomy education in Hungary. <i>FASEB Journal</i> , 2018, 32, 1b515.	0.2	0
46	Rediscovery of forgotten structures inside mucosa of uterine tubes – lymphatic lacunae – and their possible role in reproduction.. <i>FASEB Journal</i> , 2018, 32, 1b514.	0.2	1
47	What we know about the cellular microenvironment of clinically healthy human gingiva? An immunohistochemical and histological study. <i>Biologia (Poland)</i> , 2017, 72, 105-111.	0.8	0
48	What do we know about the structure of human thymic Hassall’s corpuscles? A histochemical, immunohistochemical, and electron microscopic study. <i>Annals of Anatomy</i> , 2017, 211, 140-148.	1.0	17
49	The Non-cardiomyocyte Cells of the Heart. Their Possible Roles in Exercise-Induced Cardiac Regeneration and Remodeling. <i>Advances in Experimental Medicine and Biology</i> , 2017, 999, 117-136.	0.8	22
50	Physical Exercise Can Spur Beneficial Neoangiogenesis and Microvasculature Remodeling Within the Heart – Our Salvation?. <i>Advances in Experimental Medicine and Biology</i> , 2017, 999, 103-115.	0.8	0
51	Two nuclei inside a single cardiac muscle cell. More questions than answers about the binucleation of cardiomyocytes. <i>Biologia (Poland)</i> , 2017, 72, 825-830.	0.8	6
52	Effect of magnetosomes on cell proliferation, apoptosis induction and expression of Bcl-2 in the human lung cancer cell line A549. <i>Biologia (Poland)</i> , 2017, 72, 554-560.	0.8	6
53	The three-dimensional fine structure of the human heart: a scanning electron microscopic atlas for research and education. <i>Biologia (Poland)</i> , 2017, 72, 1521-1528.	0.8	4
54	Distribution of telocytes in the corpus and cervix of human uterus: an immunohistochemical study. <i>Biologia (Poland)</i> , 2017, 72, 1217-1223.	0.8	9

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55	Research focused on microRNAs: a link between myocardial remodeling and growth during pathological processes and physical exercises. <i>Annals of Translational Medicine</i> , 2017, 5, S20-S20.	0.7	1
56	SOME ASPECTS OF EARLY DEVELOPMENT OF THE THYMUS: EMBRYOLOGICAL BASIS FOR ECTOPIC THYMUS AND THYMOPHARYNGEAL DUCT CYST. Algunas observaciones acerca del temprano desarrollo del timo: bases embriológicas del timo ectópico y del quiste del conducto timofar. <i>Revista Argentina De Anatomía Clínica</i> , 2016, 3, 22-31.	0.1	5
57	Chronic liquid nutrition feeding affects blood pressure, heart and kidney morphology, and serum lipid profile in Wistar rats. <i>General Physiology and Biophysics</i> , 2016, 35, 131-144.	0.4	2
58	Comparative analysis of mesenchymal stromal cells from different tissue sources in respect to articular cartilage tissue engineering. <i>General Physiology and Biophysics</i> , 2016, 35, 207-214.	0.4	24
59	Sonographically detected free appendicolith as a sign of retrocecal perforated appendicitis in a 2-year-old child. <i>Journal of Clinical Ultrasound</i> , 2016, 44, 395-398.	0.4	2
60	Morphological view on the evolution of the immunity and lymphoid organs of vertebrates, focused on thymus. <i>Biologia (Poland)</i> , 2016, 71, 1080-1097.	0.8	8
61	Functional histology and possible clinical significance of recently discovered telocytes inside the female reproductive system. <i>Archives of Gynecology and Obstetrics</i> , 2016, 294, 417-422.	0.8	17
62	Effect of chronic intake of liquid nutrition on stomach and duodenum morphology. <i>Acta Histochemica</i> , 2016, 118, 435-442.	0.9	3
63	The functional morphology and role of cardiac telocytes in myocardium regeneration. <i>Canadian Journal of Physiology and Pharmacology</i> , 2016, 94, 1117-1121.	0.7	16
64	Ki67, PCNA, and MCM proteins: Markers of proliferation in the diagnosis of breast cancer. <i>Acta Histochemica</i> , 2016, 118, 544-552.	0.9	430
65	Intermediate trophoblast – A distinctive, unique and often unrecognized population of trophoblastic cells. <i>Annals of Anatomy</i> , 2016, 204, 45-50.	1.0	17
66	The significance of electron microscopic examination of gingiva in cases of Hunter syndrome and hereditary gingival fibromatosis. <i>Neuroendocrinology Letters</i> , 2016, 37, 353-360.	0.2	2
67	Effect of long-term cultivation on morphological and biological characteristics of human periodontal ligament stem cells. <i>Neuroendocrinology Letters</i> , 2016, 37, 361-367.	0.2	2
68	Ultra-structural morphology of long-term cultivated white adipose tissue-derived stem cells. <i>Cell and Tissue Banking</i> , 2015, 16, 639-647.	0.5	8
69	Periodontitis and osteoporosis. <i>Neuroendocrinology Letters</i> , 2015, 36, 401-6.	0.2	12
70	First experience with single incision laparoscopic surgery in Slovakia: Concomitant cholecystectomy and splenectomy in an 11-year-old girl with hereditary spherocytosis. <i>Biomedical Papers of the Medical Faculty of the University Palacký, Olomouc, Czechoslovakia</i> , 2014, 158, 479-485.	0.2	6
71	Comparative study of in vitro expanded somatic stem cells from different sources (732.3). <i>FASEB Journal</i> , 2014, 28, 732.3.	0.2	0
72	Drug-induced gingival enlargement. <i>Neuroendocrinology Letters</i> , 2014, 35, 567-76.	0.2	4

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73	Comprehensive characterization of human adipose tissue-derived stem cells expanded in vitro. <i>Biologia (Poland)</i> , 2013, 68, 747-753.	0.8	3
74	Options for histological study of the structure and ultrastructure of human urinary bladder epithelium. <i>Biologia (Poland)</i> , 2012, 67, 1018-1025.	0.8	7
75	The embryonic nucleogenesis during inhibition of major transcriptional activity in bovine preimplantation embryos. <i>Biologia (Poland)</i> , 2012, 67, 818-825.	0.8	1
76	Nutrition and immune system: the size of the thymus as an indicator of the newborn's nutrition status. <i>Anthropologischer Anzeiger</i> , 2011, 68, 265-274.	0.2	10
77	Morphological characterization of in vitro expanded human dental pulp-derived stem cells. <i>Biologia (Poland)</i> , 2011, 66, 706-711.	0.8	9
78	Brainstem neuronal populations activated in the model of ovalbumine induced allergic rhinitis in guinea pigs – the c-Fos study. <i>Biologia (Poland)</i> , 2011, 66, 922-927.	0.8	3
79	Assessment of the thymic morphometry using ultrasound in full-term newborns. <i>Surgical and Radiologic Anatomy</i> , 2011, 33, 689-695.	0.6	19
80	Biological and morphological characterization of human neonatal fibroblast cell culture B-HNF-1. <i>Biologia (Poland)</i> , 2010, 65, 919-924.	0.8	8
81	Response to “Ponticulus posticus: Another variant present in a recently published case”. <i>Clinical Anatomy</i> , 2010, 23, 326-327.	1.5	1
82	A case of extremely long styloid process without clinical symptoms and complications. <i>Clinical Anatomy</i> , 2009, 22, 865-867.	1.5	7
83	Ultrastructure of human spleen in transmission and scanning electron microscope. <i>Biologia (Poland)</i> , 2009, 64, 402-408.	0.8	6
84	Some possibilities of representing microcirculation in human spleen. <i>Biologia (Poland)</i> , 2009, 64, 1242-1246.	0.8	3
85	ASSOCIATION AMONG SIZE OF THYMUS, ANTHROPOMETRIC DIMENSIONS AND NUMBER OF LYMPHOCYTES IN PERIPHERAL BLOOD IN NEWBORNS FROM SLOVAKIA. <i>Biomedical Papers of the Medical Faculty of the University Palacky, Olomouc, Czechoslovakia</i> , 2009, 153, 229-234.	0.2	11
86	Morphologic heterogeneity of human thymic nonlymphocytic cells. <i>Neuroendocrinology Letters</i> , 2009, 30, 275-83.	0.2	3
87	Congenital anomalies of the spleen from an embryological point of view. <i>Medical Science Monitor</i> , 2009, 15, RA269-76.	0.5	39
88	The phylogenesis and ontogenesis of the human pharyngeal region focused on the thymus, parathyroid, and thyroid glands. <i>Neuroendocrinology Letters</i> , 2008, 29, 837-45.	0.2	28