Ivan Varga

List of Publications by Year
in descending order

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88	1,328	516561 16	395590 33
papers	citations	h-index	g-index

93	93	93	1780
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ki67, PCNA, and MCM proteins: Markers of proliferation in the diagnosis of breast cancer. Acta Histochemica, 2016, 118, 544-552.	0.9	430
2	What happens to an acellular dermal matrix after implantation in the human body? A histological and electron microscopic study. European Journal of Histochemistry, 2018, 62, 2873.	0.6	54
3	Anatomic variations of the spleen: current state of terminology, classification, and embryological background. Surgical and Radiologic Anatomy, 2018, 40, 21-29.	0.6	51
4	Where Is the Artificial Intelligence Applied in Dentistry? Systematic Review and Literature Analysis. Healthcare (Switzerland), 2022, 10, 1269.	1.0	41
5	Congenital anomalies of the spleen from an embryological point of view. Medical Science Monitor, 2009, 15, RA269-76.	0.5	39
6	Recently Discovered Interstitial Cell Population of Telocytes: Distinguishing Facts from Fiction Regarding Their Role in the Pathogenesis of Diverse Diseases Called â€œTelocytopathiesâ€• Medicina (Lithuania), 2019, 55, 56.	0.8	38
7	Use of Advanced Artificial Intelligence in Forensic Medicine, Forensic Anthropology and Clinical Anatomy. Healthcare (Switzerland), 2021, 9, 1545.	1.0	34
8	The phylogenesis and ontogenesis of the human pharyngeal region focused on the thymus, parathyroid, and thyroid glands. Neuroendocrinology Letters, 2008, 29, 837-45.	0.2	28
9	Comparative analysis ofÂmesenchymal stromal cells from different tissue sources inÂrespect toÂarticular cartilage tissue engineering. General Physiology and Biophysics, 2016, 35, 207-214.	0.4	24
10	Three-Dimensional Modeling and 3D Printing of Biocompatible Orthodontic Power-Arm Design with Clinical Application. Applied Sciences (Switzerland), 2021, 11, 9693.	1.3	23
11	Artificial Intelligence in Orthodontic Smart Application for Treatment Coaching and Its Impact on Clinical Performance of Patients Monitored with AI-TeleHealth System. Healthcare (Switzerland), 2021, 9, 1695.	1.0	23
12	The Non-cardiomyocyte Cells of the Heart. Their Possible Roles in Exercise-Induced Cardiac Regeneration and Remodeling. Advances in Experimental Medicine and Biology, 2017, 999, 117-136.	0.8	22
13	Utilization of a 3D Printed Orthodontic Distalizer for Tooth-Borne Hybrid Treatment in Class II Unilateral Malocclusions. Materials, 2022, 15, 1740.	1.3	21
14	Hirschsprungâ€™s Diseaseâ€”Recent Understanding of Embryonic Aspects, Etiopathogenesis and Future Treatment Avenues. Medicina (Lithuania), 2020, 56, 611.	0.8	20
15	Assessment of the thymic morphometry using ultrasound in full-term newborns. Surgical and Radiologic Anatomy, 2011, 33, 689-695.	0.6	19
16	Recently discovered interstitial cells termed telocytes: distinguishing cell-biological and histological facts from fictions. Biologia (Poland), 2019, 74, 195-203.	0.8	19
17	Effects of Cornelian Cherry on Atherosclerosis and Its Risk Factors. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-8.	1.9	18
18	Variant Anatomy and Its Terminology. Medicina (Lithuania), 2020, 56, 713.	0.8	18

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19	Functional histology and possible clinical significance of recently discovered telocytes inside the female reproductive system. Archives of Gynecology and Obstetrics, 2016, 294, 417-422.	0.8	17
20	Intermediate trophoblastâ€"A distinctive, unique and often unrecognized population of trophoblastic cells. Annals of Anatomy, 2016, 204, 45-50.	1.0	17
21	What do we know about the structure of human thymic Hassallâ€™s corpuscles? A histochemical, immunohistochemical, and electron microscopic study. Annals of Anatomy, 2017, 211, 140-148.	1.0	17
22	Recently discovered interstitial cells â€œtelocytesâ€•as players in the pathogenesis of uterine leiomyomas. Medical Hypotheses, 2018, 110, 64-67.	0.8	17
23	The functional morphology and role of cardiac telocytes in myocardium regeneration. Canadian Journal of Physiology and Pharmacology, 2016, 94, 1117-1121.	0.7	16
24	Dental Care and Education Facing Highly Transmissible SARS-CoV-2 Variants: Prospective Biosafety Setting: Prospective, Single-Arm, Single-Center Study. International Journal of Environmental Research and Public Health, 2022, 19, 7693.	1.2	16
25	Lymphatic lacunae of the mucosal folds of human uterine tubes â€" A rediscovery of forgotten structures and their possible role in reproduction. Annals of Anatomy, 2018, 219, 121-128.	1.0	13
26	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
27	The Terminologia Histologica after 10 years: Inconsistencies, mistakes, and new proposals. Annals of Anatomy, 2018, 219, 65-75.	1.0	12
28	Periodontitis and osteoporosis. Neuroendocrinology Letters, 2015, 36, 401-6.	0.2	12
29	Bioengineered Scaffolds as Substitutes for Grafts for Urethra Reconstruction. Materials, 2019, 12, 3449.	1.3	11
30	The Syndrome of Elongated Styloid Process, the Eagleâ€™s Syndromeâ€"From Anatomical, Evolutionary and Embryological Backgrounds to 3D Printing and Personalized Surgery Planning. Report of Five Cases. Medicina (Lithuania), 2020, 56, 458.	0.8	11
31	ASSOCIATION AMONG SIZE OF THYMUS, ANTHROPOMETRIC DIMENSIONS AND NUMBER OF LYMPHOCYTES IN PERIPHERAL BLOOD IN NEWBORNS FROM SLOVAKIA. Biomedical Papers of the Medical Faculty of the University Palacký, Olomouc, Czechoslovakia, 2009, 153, 229-234.	0.2	11
32	Nutrition and immune system: the size of the thymus as an indicator of the newborn's nutrition status. Anthropologischer Anzeiger, 2011, 68, 265-274.	0.2	10
33	Renal impairment induced by prenatal exposure to angiotensin II in male rat offspring. Experimental Biology and Medicine, 2019, 244, 923-931.	1.1	10
34	Morphological characterization of in vitro expanded human dental pulp-derived stem cells. Biologia (Poland), 2011, 66, 706-711.	0.8	9
35	Distribution of telocytes in the corpus and cervix of human uterus: an immunohistochemical study. Biologia (Poland), 2017, 72, 1217-1223.	0.8	9
36	Cardiac Telocytes 16 Years onâ€"What Have We Learned So Far, and How Close Are We to Routine Application of the Knowledge in Cardiovascular Regenerative Medicine?. International Journal of Molecular Sciences, 2021, 22, 10942.	1.8	9

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37	Telocytes in the Female Reproductive System: Up-to-Date Knowledge, Challenges and Possible Clinical Applications. Life, 2022, 12, 267.	1.1	9
38	Biological and morphological characterization of human neonatal fibroblast cell culture B-HNF-1. Biologia (Poland), 2010, 65, 919-924.	0.8	8
39	Ultra-structural morphology of long-term cultivated white adipose tissue-derived stem cells. Cell and Tissue Banking, 2015, 16, 639-647.	0.5	8
40	Morphological view on the evolution of the immunity and lymphoid organs of vertebrates, focused on thymus. Biologia (Poland), 2016, 71, 1080-1097.	0.8	8
41	Isolation, Culture and Comprehensive Characterization of Biological Properties of Human Urine-Derived Stem Cells. International Journal of Molecular Sciences, 2021, 22, 12503.	1.8	8
42	A case of extremely long styloid process without clinical symptoms and complications. Clinical Anatomy, 2009, 22, 865-867.	1.5	7
43	Options for histological study of the structure and ultrastructure of human urinary bladder epithelium. Biologia (Poland), 2012, 67, 1018-1025.	0.8	7
44	Ultrastructure of human spleen in transmission and scanning electron microscope. Biologia (Poland), 2009, 64, 402-408.	0.8	6
45	Two nuclei inside a single cardiac muscle cell. More questions than answers about the binucleation of cardiomyocytes. Biologia (Poland), 2017, 72, 825-830.	0.8	6
46	Effect of magnetosomes on cell proliferation, apoptosis induction and expression of Bcl-2 in the human lung cancer cell line A549. Biologia (Poland), 2017, 72, 554-560.	0.8	6
47	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
48	From TELOCYTES to TELOCYTOPATHIES. Do Recently Described Interstitial Cells Play a Role in Female Idiopathic Infertility?. Medicina (Lithuania), 2020, 56, 688.	0.8	6
49	First experience with single incision laparoscopic surgery in Slovakia: Concomitant cholecystectomy and splenectomy in an 11-year-old girl with hereditary spherocytosis. Biomedical Papers of the Medical Faculty of the University Palacký, Olomouc, Czechoslovakia, 2014, 158, 479-485.	0.2	6
50	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 embriolÃ³gicas del timo ectÃ³pico y del quiste del conducto timofar. Revista Argentina De AnatomÃa ClÃnica, 2016, 3, 22-31.	0.1	5
51	Histological and immunohistochemical characteristics of capsular synovial metaplasias that form around silicone breast implants. Biologia (Poland), 2018, 73, 107-112.	0.8	5
52	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
53	Delayed post mastectomy breast reconstructions with allogeneic acellular dermal matrix prepared by a new decellularizationmethod. Cell and Tissue Banking, 2018, 19, 61-68.	0.5	5
54	The three-dimensional fine structure of the human heart: a scanning electron microscopic atlas for research and education. Biologia (Poland), 2017, 72, 1521-1528.	0.8	4

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55	Microenvironment of Immune Cells Within the Visceral Adipose Tissue Sensu Lato vs. Epicardial Adipose Tissue: What Do We Know?. Inflammation, 2018, 41, 1142-1156.	1.7	4
56	The enigmatic thymic myoid cells â€“ their 130Âyears of history, embryonic origin, function and clinical significance. Biologia (Poland), 2019, 74, 521-531.	0.8	4
57	Drug-induced gingival enlargement. Neuroendocrinology Letters, 2014, 35, 567-76.	0.2	4
58	Human Remains Identification Using Micro-CT, Chemometric and AI Methods in Forensic Experimental Reconstruction of Dental Patterns after Concentrated Sulphuric Acid Significant Impact. Molecules, 2022, 27, 4035.	1.7	4
59	Some possibilities of representing microcirculation in human spleen. Biologia (Poland), 2009, 64, 1242-1246.	0.8	3
60	Brainstem neuronal populations activated in the model of ovalbumine induced allergic rhinitis in guinea pigs â€" the c-Fos study. Biologia (Poland), 2011, 66, 922-927.	0.8	3
61	Comprehensive characterization of human adipose tissue-derived stem cells expanded in vitro. Biologia (Poland), 2013, 68, 747-753.	0.8	3
62	Effect of chronic intake of liquid nutrition on stomach and duodenum morphology. Acta Histochemica, 2016, 118, 435-442.	0.9	3
63	The histological properties and possible origin of cervical thymus with cysts â€“ A case report and hypotheses about its development. International Journal of Pediatric Otorhinolaryngology, 2019, 120, 189-195.	0.4	3
64	Ectopic lamellar Pacinian corpuscle within the thymus. Atypical or abnormal location?. Romanian Journal of Morphology and Embryology, 2020, 61, 273-276.	0.4	3
65	Morphologic heterogeneity of human thymic nonlymphocytic cells. Neuroendocrinology Letters, 2009, 30, 275-83.	0.2	3
66	Chronic liquid nutrition feeding affects blood pressure, heart andÂkidney morphology, andÂserum lipid profile inÂWistar rats. General Physiology and Biophysics, 2016, 35, 131-144.	0.4	2
67	Sonographically detected free appendicolith as a sign of retrocecal perforated appendicitis in a 2â€yearâ€old child. Journal of Clinical Ultrasound, 2016, 44, 395-398.	0.4	2
68	The significance of electron microscopic examination of gingiva in cases of Hunter syndrome and hereditary gingival fibromatosis. Neuroendocrinology Letters, 2016, 37, 353-360.	0.2	2
69	Effect of long-term cultivation on morphological and biological characteristics of human periodontal ligament stem cells. Neuroendocrinology Letters, 2016, 37, 361-367.	0.2	2
70	Response to â€œPonticulus posticus: Another variant present in a recently published caseâ€. Clinical Anatomy, 2010, 23, 326-327.	1.5	1
71	The embryonic nucleologenesis during inhibition of major transcriptional activity in bovine preimplantation embryos. Biologia (Poland), 2012, 67, 818-825.	0.8	1
72	Zoological terms in the human histological nomenclature Terminologia Histologica. What we think, what we know, and what we think we know. Biologia (Poland), 2020, 75, 1175-1181.	0.8	1

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73	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
74	Research focused on microRNAs: a link between myocardial remodeling and growth during pathological processes and physical exercises. Annals of Translational Medicine, 2017, 5, S20-S20.	0.7	1
75	Rediscovery of forgotten structures inside mucosa of uterine tubes â€•lymphatic lacunaeâ€•and their possible role in reproduction.. FASEB Journal, 2018, 32, lb514.	0.2	1
76	What we know about the cellular microenvironment of clinically healthy human gingiva? An immunohistochemical and histological study. Biologia (Poland), 2017, 72, 105-111.	0.8	0
77	Physical Exercise Can Spur Beneficial Neoangiogenesis and Microvasculature Remodeling Within the Heart â€“ Our Salvation?. Advances in Experimental Medicine and Biology, 2017, 999, 103-115.	0.8	0
78	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
79	Comparative study of in vitro expanded somatic stem cells from different sources (732.3). FASEB Journal, 2014, 28, 732.3.	0.2	0
80	The end-stage failing human myocardium â€“ Where changes in ultrastructure of human cardiac muscle cells do not appear to dictate clinical outcomes. Medical Hypotheses, 2018, 110, 105-109.	0.8	0
81	Differentiation of adiposeâ€derived stem cells into urothelial and smooth muscle cell lines within the structure of collagen/hyaluronan scaffold. FASEB Journal, 2018, 32, lb549.	0.2	0
82	Induced pluripotent stem cells derived from different tissue sources and their prospect for osteochondral regeneration. FASEB Journal, 2018, 32, lb551.	0.2	0
83	Influence of anthocyanins on myocard. FASEB Journal, 2018, 32, lb605.	0.2	0
84	VÃ¡clav Trnka â€•the story of an almost forgotten Czechâ€Austriaâ€Slovakiaâ€Hungarian anatomist of the 18th century, a founder of modern anatomy education in Hungary. FASEB Journal, 2018, 32, lb515.	0.2	0
85	The occurrence of intraepithelial immunologically active cells within the epithelium of the human uterine tubes. FASEB Journal, 2019, 33, lb136.	0.2	0
86	Johannes Jessenius or JÃ¡n JesenskÃ½ (1566â€“1621): on the quadricentinale of death of a central European scientist, physician, teacher and philosopher. Biologia (Poland), 2022, 77, 187-191.	0.8	0
87	Microscopic anatomical background of unexplained tubal infertility â€“ three new possible causes. FASEB Journal, 2022, 36, .	0.2	0
88	Comprehensive Characterization of Biological Properties of Human Urineâ€Derived Stem Cells. FASEB Journal, 2022, 36, .	0.2	0