

# Valentin Djonov

## List of Publications by Year in descending order

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239  
papers

14,939  
citations

18482

62  
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23533

111  
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244  
all docs

244  
docs citations

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times ranked

18152  
citing authors

#	ARTICLE	IF	CITATIONS
1	Non-Targeted Effects of Synchrotron Radiation: Lessons from Experiments at the Australian and European Synchrotrons. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 2079.	2.5	1
2	Targeted Accumulation of Macrophages Induced by Microbeam Irradiation in a Tissue-Dependent Manner. <i>Biomedicines</i> , 2022, 10, 735.	3.2	1
3	Therapeutic Potential of Exosomes Derived from Adipose Tissue-Sourced Mesenchymal Stem Cells in the Treatment of Neural and Retinal Diseases. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4487.	4.1	18
4	â€œDerived Multiple Allogeneic Protein Paracrine Signaling (d-MAPPS)â€•Enhances T Cell-Driven Immune Response to Murine Mammary Carcinoma. <i>Analytical Cellular Pathology</i> , 2022, 2022, 1-10.	1.4	0
5	The anatomical reliability of the superficial circumflex iliac artery perforator (SCIP) flap. <i>Annals of Anatomy</i> , 2021, 234, 151624.	1.9	17
6	VEGF-B Promotes Endocardium-Derived Coronary Vessel Development and Cardiac Regeneration. <i>Circulation</i> , 2021, 143, 65-77.	1.6	57
7	High-Spatial-Resolution Three-dimensional Imaging of Human Spinal Cord and Column Anatomy with Postmortem X-ray Phase-Contrast Micro-CT. <i>Radiology</i> , 2021, 298, 135-146.	7.3	21
8	Mesenchymal Stem Cell-Derived Exosomes as New Remedy for the Treatment of Neurocognitive Disorders. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1433.	4.1	38
9	Unexpected Benefits of Multiport Synchrotron Microbeam Radiation Therapy for Brain Tumors. <i>Cancers</i> , 2021, 13, 936.	3.7	21
10	The Cross-Talk between Mesenchymal Stem Cells and Immune Cells in Tissue Repair and Regeneration. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2472.	4.1	52
11	Transient and Efficient Vascular Permeability Window for Adjuvant Drug Delivery Triggered by Microbeam Radiation. <i>Cancers</i> , 2021, 13, 2103.	3.7	9
12	Molecular Mechanisms Responsible for Mesenchymal Stem Cell-Based Treatment of Viral Diseases. <i>Pathogens</i> , 2021, 10, 409.	2.8	9
13	Synchrotron X-Ray Radiation-Induced Bystander Effect: An Impact of the Scattered Radiation, Distance From the Irradiated Site and p53 Cell Status. <i>Frontiers in Oncology</i> , 2021, 11, 685598.	2.8	10
14	Micro-CT imaging of Thiel-embalmed and iodine-stained human temporal bone for 3D modeling. <i>Journal of Otolaryngology - Head and Neck Surgery</i> , 2021, 50, 33.	1.9	3
15	A Mouse Model for Microbeam Radiation Therapy of the Lung. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 110, 521-525.	0.8	16
16	Microbeam Radiotherapyâ€”A Novel Therapeutic Approach to Overcome Radioresistance and Enhance Anti-Tumour Response in Melanoma. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7755.	4.1	18
17	Counteracting age-related VEGF signaling insufficiency promotes healthy aging and extends life span. <i>Science</i> , 2021, 373, .	12.6	139
18	Synchrotron Microbeam Radiation Therapy for the Treatment of Lung Carcinoma: A Preclinical Study. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 111, 1276-1288.	0.8	14

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19	Collagen fibers provide guidance cues for capillary regrowth during regenerative angiogenesis in zebrafish. <i>Scientific Reports</i> , 2021, 11, 19520.	3.3	14
20	X-ray Phase Contrast 3D virtual histology: evaluation of lung alterations after micro-beam irradiation. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, , .	0.8	1
21	Non-conventional Ultra-High Dose Rate (FLASH) Microbeam Radiotherapy Provides Superior Normal Tissue Sparing in Rat Lung Compared to Non-conventional Ultra-High Dose Rate (FLASH) Radiotherapy. <i>Cureus</i> , 2021, 13, e19317.	0.5	4
22	Mesenchymal Stem Cell: A Friend or Foe in Anti-Tumor Immunity. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12429.	4.1	25
23	The effects of cigarette smoking and nicotine on the therapeutic potential of mesenchymal stem cells. <i>Histology and Histopathology</i> , 2021, , 18400.	0.7	1
24	The Contribution of the Left Phrenic Nerve to Innervation of the Esophagogastric Junction. <i>Clinical Anatomy</i> , 2020, 33, 265-274.	2.7	2
25	ATG12 deficiency leads to tumor cell oncosis owing to diminished mitochondrial biogenesis and reduced cellular bioenergetics. <i>Cell Death and Differentiation</i> , 2020, 27, 1965-1980.	11.2	20
26	The role of Interleukin 1 receptor antagonist in mesenchymal stem cell-based tissue repair and regeneration. <i>BioFactors</i> , 2020, 46, 263-275.	5.4	65
27	IgA Triggers Cell Death of Neutrophils When Primed by Inflammatory Mediators. <i>Journal of Immunology</i> , 2020, 205, 2640-2648.	0.8	4
28	Effect of Lateral Sliding Calcaneus Osteotomy on Tarsal Tunnel Pressure. <i>Foot &amp; Ankle Orthopaedics</i> , 2020, 5, 247301142093101.	0.2	3
29	Therapeutic Potential of Mesenchymal Stem Cells and Their Secretome in the Treatment of SARS-CoV-2-Induced Acute Respiratory Distress Syndrome. <i>Analytical Cellular Pathology</i> , 2020, 2020, 1-11.	1.4	25
30	The Effects of Mesenchymal Stem Cells on Antimelanoma Immunity Depend on the Timing of Their Administration. <i>Stem Cells International</i> , 2020, 2020, 1-13.	2.5	10
31	Complete Remission of Mouse Melanoma after Temporally Fractionated Microbeam Radiotherapy. <i>Cancers</i> , 2020, 12, 2656.	3.7	20
32	Innovative high-resolution microCT imaging of animal brain vasculature. <i>Brain Structure and Function</i> , 2020, 225, 2885-2895.	2.3	18
33	Anatomy of the female pelvic nerves: a macroscopic study of the hypogastric plexus and their relations and variations. <i>Journal of Anatomy</i> , 2020, 237, 487-494.	1.5	26
34	Therapeutic Use of Mesenchymal Stem Cell-Derived Exosomes: From Basic Science to Clinics. <i>Pharmaceutics</i> , 2020, 12, 474.	4.5	67
35	BIF-1 inhibits both mitochondrial and glycolytic ATP production: its downregulation promotes melanoma growth. <i>Oncogene</i> , 2020, 39, 4944-4955.	5.9	5
36	Adaptation mechanism of the adult zebrafish respiratory organ to endurance training. <i>PLoS ONE</i> , 2020, 15, e0228333.	2.5	16

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37	Animal Models in Microbeam Radiation Therapy: A Scoping Review. <i>Cancers</i> , 2020, 12, 527.	3.7	24
38	Synchrotron X-Ray Boost Delivered by Microbeam Radiation Therapy After Conventional X-Ray Therapy Fractionated in Time Improves F98 Glioma Control. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 107, 360-369.	0.8	16
39	Molecular pathogenesis of spontaneous abortions – Whole genome copy number analysis and expression of angiogenic factors. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2020, 59, 99-104.	1.3	3
40	Understanding High-Dose, Ultra-High Dose Rate, and Spatially Fractionated Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 107, 766-778.	0.8	70
41	Molecular and Cellular Mechanisms Responsible for Beneficial Effects of Mesenchymal Stem Cell-Derived Product –Exo-d-MAPPS–in Attenuation of Chronic Airway Inflammation. <i>Analytical Cellular Pathology</i> , 2020, 2020, 1-15.	1.4	38
42	Adaptation mechanism of the adult zebrafish respiratory organ to endurance training. , 2020, 15, e0228333.		0
43	Adaptation mechanism of the adult zebrafish respiratory organ to endurance training. , 2020, 15, e0228333.		0
44	Adaptation mechanism of the adult zebrafish respiratory organ to endurance training. , 2020, 15, e0228333.		0
45	Adaptation mechanism of the adult zebrafish respiratory organ to endurance training. , 2020, 15, e0228333.		0
46	Ultra high dose rate Synchrotron Microbeam Radiation Therapy. Preclinical evidence in view of a clinical transfer. <i>Radiotherapy and Oncology</i> , 2019, 139, 56-61.	0.6	39
47	Galectin-3 Regulates Indoleamine-2,3-dioxygenase-Dependent Cross-Talk between Colon-Infiltrating Dendritic Cells and T Regulatory Cells and May Represent a Valuable Biomarker for Monitoring the Progression of Ulcerative Colitis. <i>Cells</i> , 2019, 8, 709.	4.1	16
48	Synchrotron Microbeam Radiation Therapy as a New Approach for the Treatment of Radioresistant Melanoma: Potential Underlying Mechanisms. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019, 105, 1126-1136.	0.8	36
49	Galectin 3 protects from cisplatin-induced acute kidney injury by promoting TLR-2-dependent activation of IDO1/Kynurenine pathway in renal DCs. <i>Theranostics</i> , 2019, 9, 5976-6001.	10.0	36
50	Distribution and Restoration of Serotonin-Immunoreactive Paraneuronal Cells During Caudal Fin Regeneration in Zebrafish. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 227.	2.9	16
51	Mesenchymal Stem Cell-Based Therapy of Inflammatory Lung Diseases: Current Understanding and Future Perspectives. <i>Stem Cells International</i> , 2019, 2019, 1-14.	2.5	145
52	Molecular Mechanisms Responsible for Therapeutic Potential of Mesenchymal Stem Cell-Derived Secretome. <i>Cells</i> , 2019, 8, 467.	4.1	304
53	Molecular mechanisms of cisplatin-induced nephrotoxicity: a balance on the knife edge between renoprotection and tumor toxicity. <i>Journal of Biomedical Science</i> , 2019, 26, 25.	7.0	249
54	SDF-1/CXCR4 signalling is involved in blood vessel growth and remodelling by intussusception. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 3916-3926.	3.6	37

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55	Therapeutic Potential of Mesenchymal Stem Cells and Their Secretome in the Treatment of Glaucoma. <i>Stem Cells International</i> , 2019, 2019, 1-11.	2.5	57
56	Mesenchymal Stem Cell-Derived Exosomes and Other Extracellular Vesicles as New Remedies in the Therapy of Inflammatory Diseases. <i>Cells</i> , 2019, 8, 1605.	4.1	433
57	Nitric oxide regulates intussusceptive-like angiogenesis in wound repair in chicken embryo and transgenic zebrafish models. <i>Nitric Oxide - Biology and Chemistry</i> , 2019, 82, 48-58.	2.7	27
58	Ex vivo microangiography: Advances in microvascular imaging. <i>Vascular Pharmacology</i> , 2019, 112, 2-7.	2.1	14
59	Therapeutic Potential of Amniotic Fluid Derived Mesenchymal Stem Cells Based on their Differentiation Capacity and Immunomodulatory Properties. <i>Current Stem Cell Research and Therapy</i> , 2019, 14, 327-336.	1.3	38
60	Intraperitoneal administration of mesenchymal stem cells ameliorates acute dextran sulfate sodium-induced colitis by suppressing dendritic cells. <i>Biomedicine and Pharmacotherapy</i> , 2018, 100, 426-432.	5.6	35
61	Crosstalk between mesenchymal stem cells and T regulatory cells is crucially important for the attenuation of acute liver injury. <i>Liver Transplantation</i> , 2018, 24, 687-702.	2.4	45
62	The anatomy of the male inferior hypogastric plexus: What should we know for nerve sparing surgery. <i>Clinical Anatomy</i> , 2018, 31, 788-796.	2.7	12
63	Molecular mechanisms underlying therapeutic potential of pericytes. <i>Journal of Biomedical Science</i> , 2018, 25, 21.	7.0	82
64	Mesenchymal stem cells protect from acute liver injury by attenuating hepatotoxicity of liver natural killer T cells in an inducible nitric oxide synthase and indoleamine 2,3-dioxygenase dependent manner. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, e1173-e1185.	2.7	53
65	Cutting-edge microangiography: new dimensions in vascular imaging and kidney morphometry. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 314, F493-F499.	2.7	27
66	Mesenchymal stem cells attenuate liver fibrosis by suppressing Th17 cells - an experimental study. <i>Transplant International</i> , 2018, 31, 102-115.	1.6	66
67	Molecular Mechanisms Responsible for Anti-inflammatory and Immunosuppressive Effects of Mesenchymal Stem Cell-Derived Factors. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1084, 187-206.	1.6	75
68	Quantitative Assessment of Brain Tumor Radiation Treatment Reveals Decrease in Tumor-supporting Vessels. <i>Microscopy and Microanalysis</i> , 2018, 24, 374-375.	0.4	0
69	Characterization of a B16-F10 melanoma model locally implanted into the ear pinnae of C57BL/6 mice. <i>PLoS ONE</i> , 2018, 13, e0206693.	2.5	37
70	Indoleamine 2,3-dioxygenase-dependent expansion of T-regulatory cells maintains mucosal healing in ulcerative colitis. <i>Therapeutic Advances in Gastroenterology</i> , 2018, 11, 175628481879355.	3.2	25
71	Therapeutic Potential of Mesenchymal Stem Cell-Derived Exosomes in the Treatment of Eye Diseases. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1089, 47-57.	1.6	71
72	Consensus guidelines for the use and interpretation of angiogenesis assays. <i>Angiogenesis</i> , 2018, 21, 425-532.	7.2	429

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73	Effects of Synchrotron X-Ray Micro-beam Irradiation on Normal Mouse Ear Pinnae. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 101, 680-689.	0.8	18
74	Notch $\alpha$ -inducing hydrogels reveal a perivascular switch of mesenchymal stem cell fate. <i>EMBO Reports</i> , 2018, 19, .	4.5	43
75	Synergistic interaction of sprouting and intussusceptive angiogenesis during zebrafish caudal vein plexus development. <i>Scientific Reports</i> , 2018, 8, 9840.	3.3	61
76	Risks of Using Sterilization by Gamma Radiation: The Other Side of the Coin. <i>International Journal of Medical Sciences</i> , 2018, 15, 274-279.	2.5	113
77	PDGF-BB regulates splitting angiogenesis in skeletal muscle by limiting VEGF-induced endothelial proliferation. <i>Angiogenesis</i> , 2018, 21, 883-900.	7.2	101
78	Ethical and Safety Issues of Stem Cell-Based Therapy. <i>International Journal of Medical Sciences</i> , 2018, 15, 36-45.	2.5	507
79	Splitting of circulating red blood cells as <i>in vivo</i> -mechanism of erythrocyte maturation in developing zebrafish, chick and mouse embryos. <i>Journal of Experimental Biology</i> , 2018, 221, .	1.7	9
80	Increased Proangiogenic Activity of Mobilized CD34 <sup>+</sup> Progenitor Cells of Patients With Acute ST-Segment $\alpha$ -Elevation Myocardial Infarction. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 341-349.	2.4	40
81	Correlative Imaging of the Murine Hind Limb Vasculature and Muscle Tissue by MicroCT and Light Microscopy. <i>Scientific Reports</i> , 2017, 7, 41842.	3.3	42
82	Mesenchymal stem cells attenuate acute liver injury by altering ratio between interleukin 17 producing and regulatory natural killer T cells. <i>Liver Transplantation</i> , 2017, 23, 1040-1050.	2.4	66
83	Permeability of Brain Tumor Vessels Induced by Uniform or Spatially Microfractionated Synchrotron Radiation Therapies. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 98, 1174-1182.	0.8	41
84	Brain ultrasound rehearsal before surgery: A pilot cadaver study. <i>Clinical Anatomy</i> , 2017, 30, 1017-1023.	2.7	6
85	Percutaneous screw fixation of the iliosacral joint: A case-based preoperative planning approach reduces operating time and radiation exposure. <i>Injury</i> , 2017, 48, 1825-1830.	1.7	9
86	Neuropilin1 regulates glomerular function and basement membrane composition through pericytes in the mouse kidney. <i>Kidney International</i> , 2017, 91, 868-879.	5.2	17
87	Mesenchymal stem cell $\alpha$ -derived factors: Immuno $\alpha$ -modulatory effects and therapeutic potential. <i>BioFactors</i> , 2017, 43, 633-644.	5.4	125
88	Microbeam radiation therapy $\alpha$ ” grid therapy and beyond: a clinical perspective. <i>British Journal of Radiology</i> , 2017, 90, 20170073.	2.2	65
89	The Pararectus approach provides secure access to the deep circumflex iliac vessel for harvest of a large sized and vascularized segment of the iliac crest. <i>Injury</i> , 2017, 48, 2169-2173.	1.7	9
90	Interference with Gs $\alpha$ -Coupled Receptor Signaling in Renin-Producing Cells Leads to Renal Endothelial Damage. <i>Journal of the American Society of Nephrology: JASN</i> , 2017, 28, 3479-3489.	6.1	15

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91	Combined maceration procedure permits advanced microsurgical dissection of Thiel-embalmed specimens. <i>Annals of Anatomy</i> , 2017, 210, 9-17.	1.9	7
92	Mesenchymal Stem Cells Attenuate Cisplatin-Induced Nephrotoxicity in iNOS-Dependent Manner. <i>Stem Cells International</i> , 2017, 2017, 1-15.	2.5	19
93	Mesenchymal Stem Cell-Dependent Modulation of Liver Diseases. <i>International Journal of Biological Sciences</i> , 2017, 13, 1109-1117.	6.4	62
94	Mesenchymal Stem Cells Promote Metastasis of Lung Cancer Cells by Downregulating Systemic Antitumor Immune Response. <i>Stem Cells International</i> , 2017, 2017, 1-11.	2.5	32
95	Endoglin inhibition leads to intussusceptive angiogenesis via activation of factors related to COUP-TFII signaling pathway. <i>PLoS ONE</i> , 2017, 12, e0182813.	2.5	21
96	Zebrafish Caudal Fin Angiogenesis Assay – Advanced Quantitative Assessment Including 3-Way Correlative Microscopy. <i>PLoS ONE</i> , 2016, 11, e0149281.	2.5	19
97	Modeling the Behavior of Red Blood Cells within the Caudal Vein Plexus of Zebrafish. <i>Frontiers in Physiology</i> , 2016, 7, 455.	2.8	9
98	Early markers for myocardial ischemia and sudden cardiac death. <i>International Journal of Legal Medicine</i> , 2016, 130, 1265-1280.	2.2	55
99	Dual Role of Mesenchymal Stem Cells Allows for Microvascularized Bone Tissue-Like Environments in PEG Hydrogels. <i>Advanced Healthcare Materials</i> , 2016, 5, 489-498.	7.6	51
100	Structural decoding of netrin-4 reveals a regulatory function towards mature basement membranes. <i>Nature Communications</i> , 2016, 7, 13515.	12.8	74
101	Structure and hemodynamics of vascular networks in the chorioallantoic membrane of the chicken. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016, 311, H913-H926.	3.2	22
102	Synchrotron microbeam irradiation induces neutrophil infiltration, thrombocyte attachment and selective vascular damage in vivo. <i>Scientific Reports</i> , 2016, 6, 33601.	3.3	37
103	A synthetic biology-based device prevents liver injury in mice. <i>Journal of Hepatology</i> , 2016, 65, 84-94.	3.7	47
104	Prevention of cement leakage into the hip joint by a standard cement plug during PFN-A cement augmentation: a technical note. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2016, 136, 747-750.	2.4	5
105	Surgical exposures and options for instrumentation in acetabular fracture fixation: Pararectus approach versus the modified Stoppa. <i>Injury</i> , 2016, 47, 695-701.	1.7	62
106	Morphological Aspects of Tumor Angiogenesis. <i>Methods in Molecular Biology</i> , 2016, 1464, 13-24.	0.9	8
107	Pharmacological Modulation of Hemodynamics in Adult Zebrafish In Vivo. <i>PLoS ONE</i> , 2016, 11, e0150948.	2.5	6
108	Dynamics of the Developing Chick Chorioallantoic Membrane Assessed by Stereology, Allometry, Immunohistochemistry and Molecular Analysis. <i>PLoS ONE</i> , 2016, 11, e0152821.	2.5	37

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109	High-Throughput Glomeruli Analysis of $\mu$ CT Kidney Images Using Tree Priors and Scalable Sparse Computation. Lecture Notes in Computer Science, 2016, , 370-378.	1.3	0
110	Genetic, Genomic and Epigenomic Studies of Balkan Endemic Nephropathy (Ben). Prilozi - Makedonska Akademija Na Naukite I Umetnostite Oddelenie Za Medicinski Nauki, 2015, 36, 101-108.	0.5	1
111	Effects of microbeam radiation therapy on normal and tumoral blood vessels. Physica Medica, 2015, 31, 634-641.	0.7	79
112	Prenatal and Postnatal Development of the Vertebrate Bloodâ€“Gas Barrier. , 2015, , 39-64.		2
113	Generation of a murine hepatic angiosarcoma cell line and reproducible mouse tumor model. Laboratory Investigation, 2015, 95, 351-362.	3.7	11
114	Avian Area Vasculosa and CAM as Rapid In Vivo Pro-angiogenic and Antiangiogenic Models. Methods in Molecular Biology, 2015, 1214, 185-196.	0.9	4
115	FOXC2 and fluid shear stress stabilize postnatal lymphatic vasculature. Journal of Clinical Investigation, 2015, 125, 3861-3877.	8.2	186
116	The Phosphoinositide 3-Kinase p110 $\alpha$ Isoform Regulates Leukemia Inhibitory Factor Receptor Expression via c-Myc and miR-125b to Promote Cell Proliferation in Medulloblastoma. PLoS ONE, 2015, 10, e0123958.	2.5	24
117	RNA interference screening identifies a novel role for PCTK1/CDK16 in medulloblastoma with c-Myc amplification. Oncotarget, 2015, 6, 116-129.	1.8	19
118	NGS Nominated <i>CELA1</i> , <i>HSPG2</i> , and <i>KCNK5</i> as Candidate Genes for Predisposition to Balkan Endemic Nephropathy. BioMed Research International, 2014, 2014, 1-7.	1.9	25
119	Casting Materials and their Application in Research and Teaching. Microscopy and Microanalysis, 2014, 20, 493-513.	0.4	19
120	Three-Dimensional Structure and Disposition of the Air Conducting and Gas Exchange Conduits of the Avian Lung: The Domestic Duck ( <i>Cairina moschata</i> ). ISRN Anatomy, 2014, 2014, 1-9.	0.5	4
121	Prognostic value of matrix metalloproteinases in oral squamous cell carcinoma. Biotechnology and Biotechnological Equipment, 2014, 28, 1138-1149.	1.3	19
122	NADPH Oxidaseâ€“Independent Formation of Extracellular DNA Traps by Basophils. Journal of Immunology, 2014, 192, 5314-5323.	0.8	138
123	Human IgA Fc Receptor Fc $\gamma$ RI (CD89) Triggers Different Forms of Neutrophil Death Depending on the Inflammatory Microenvironment. Journal of Immunology, 2014, 193, 5649-5659.	0.8	32
124	VEGF-induced vascular growth leads to metabolic reprogramming and ischemia resistance in the heart. EMBO Molecular Medicine, 2014, 6, 307-321.	6.9	127
125	Split for the cure: VEGF, PDGF-BB and intussusception in therapeutic angiogenesis. Biochemical Society Transactions, 2014, 42, 1637-1642.	3.4	44
126	Targeting Class IA PI3K Isoforms Selectively Impairs Cell Growth, Survival, and Migration in Glioblastoma. PLoS ONE, 2014, 9, e94132.	2.5	33

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127	Inhibition of Notch signaling induces extensive intussusceptive neo-angiogenesis by recruitment of mononuclear cells. <i>Angiogenesis</i> , 2013, 16, 921-937.	7.2	57
128	Whole genome methylation array analysis reveals new aspects in Balkan endemic nephropathy etiology. <i>BMC Nephrology</i> , 2013, 14, 225.	1.8	20
129	Tenascin-C Downregulates Wnt Inhibitor Dickkopf-1, Promoting Tumorigenesis in a Neuroendocrine Tumor Model. <i>Cell Reports</i> , 2013, 5, 482-492.	6.4	100
130	Response of the rat spinal cord to X-ray microbeams. <i>Radiotherapy and Oncology</i> , 2013, 106, 106-111.	0.6	51
131	VEGF over-expression in skeletal muscle induces angiogenesis by intussusception rather than sprouting. <i>Angiogenesis</i> , 2013, 16, 123-136.	7.2	67
132	Development and Remodeling of the Vertebrate Blood-Gas Barrier. <i>BioMed Research International</i> , 2013, 2013, 1-15.	1.9	25
133	Symbol/Meaning Paired-Associate Recall: An "Archetypal Memory" Advantage?. <i>Behavioral Sciences (Basel, Switzerland)</i> , 2013, 3, 541-561.	2.1	2
134	RNA interference screening identifies a novel role for autocrine fibroblast growth factor signaling in neuroblastoma chemoresistance. <i>Oncogene</i> , 2013, 32, 3944-3953.	5.9	18
135	Everolimus dual effects of an area vasculosa angiogenesis and lymphangiogenesis. <i>In Vivo</i> , 2013, 27, 61-6.	1.3	2
136	Podocyte EphB4 signaling helps recovery from glomerular injury. <i>Kidney International</i> , 2012, 81, 1212-1225.	5.2	24
137	Intussusceptive Angiogenesis: A Biologically Relevant Form of Angiogenesis. <i>Journal of Vascular Research</i> , 2012, 49, 390-404.	1.4	154
138	Reconstruction of the Medial Patellofemoral Ligament Using the Adductor Magnus Tendon: An Anatomic Study. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2012, 28, 105-109.	2.7	29
139	A pedicled bone graft from the acromion: an anatomical investigation regarding surgical feasibility. <i>Journal of Shoulder and Elbow Surgery</i> , 2012, 21, 604-611.	2.6	4
140	Intussusceptive microvascular growth in tumors. <i>Cancer Letters</i> , 2012, 316, 126-131.	7.2	100
141	Disruption of Notch1 Induces Vascular Remodeling, Intussusceptive Angiogenesis, and Angiosarcomas in Livers of Mice. <i>Gastroenterology</i> , 2012, 142, 967-977.e2.	1.3	108
142	An anatomical investigation of the cervicothoracic ganglion. <i>Clinical Anatomy</i> , 2012, 25, 444-451.	2.7	20
143	Pre-hatch lung development in the ostrich. <i>Respiratory Physiology and Neurobiology</i> , 2012, 180, 183-192.	1.6	10
144	The Effects of PTK787/ZK222584, an Inhibitor of VEGFR and PDGFR <sup>1</sup> Pathways, on Intussusceptive Angiogenesis and Glomerular Recovery from Thy1.1 Nephritis. <i>American Journal of Pathology</i> , 2011, 178, 1899-1912.	3.8	26

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145	A Transgenic Model for Conditional Induction and Rescue of Portal Hypertension Reveals a Role of VEGF-Mediated Regulation of Sinusoidal Fenestrations. <i>PLoS ONE</i> , 2011, 6, e21478.	2.5	43
146	Intussusceptive angiogenesis: pillars against the blood flow. <i>Acta Physiologica</i> , 2011, 202, 213-223.	3.8	70
147	The pulmonary blood-gas barrier in the avian embryo: Inauguration, development and refinement. <i>Respiratory Physiology and Neurobiology</i> , 2011, 178, 30-38.	1.6	11
148	Spatial and functional relationships between air conduits and blood capillaries in the pulmonary gas exchange tissue of adult and developing chickens. <i>Microscopy Research and Technique</i> , 2011, 74, 159-169.	2.2	18
149	Microbeam Radiation-Induced Tissue Damage Depends on the Stage of Vascular Maturation. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011, 80, 1522-1532.	0.8	56
150	Decrease in VEGF Expression Induces Intussusceptive Vascular Pruning. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 2836-2844.	2.4	37
151	Everolimus Augments the Effects of Sorafenib in a Syngeneic Orthotopic Model of Hepatocellular Carcinoma. <i>Molecular Cancer Therapeutics</i> , 2011, 10, 1007-1017.	4.1	72
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