

# Vadim Byvaltsev

## List of Publications by Year in descending order

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Version: 2024-02-01

140  
papers

1,333  
citations

430442

18  
h-index

476904

29  
g-index

162  
all docs

162  
docs citations

162  
times ranked

1554  
citing authors

#	ARTICLE	IF	CITATIONS
1	Blood-Brain Barrier, Blood-Brain Tumor Barrier, and Fluorescence-Guided Neurosurgical Oncology: Delivering Optical Labels to Brain Tumors. <i>Frontiers in Oncology</i> , 2020, 10, 739.	1.3	113
2	Intraoperative Fluorescence Imaging for Personalized Brain Tumor Resection: Current State and Future Directions. <i>Frontiers in Surgery</i> , 2016, 3, 55.	0.6	109
3	Acridine Orange: A Review of Novel Applications for Surgical Cancer Imaging and Therapy. <i>Frontiers in Oncology</i> , 2019, 9, 925.	1.3	75
4	Scanning Fiber Endoscope Improves Detection of 5-Aminolevulinic Acid-Induced Protoporphyrin IX Fluorescence at the Boundary of Infiltrative Glioma. <i>World Neurosurgery</i> , 2018, 113, e51-e69.	0.7	50
5	Preoperative estimation of disc herniation recurrence after microdiscectomy: predictive value of a multivariate model based on radiographic parameters. <i>Spine Journal</i> , 2017, 17, 390-400.	0.6	43
6	Low-flow and high-flow neurosurgical bypass and anastomosis training models using human and bovine placental vessels: a histological analysis and validation study. <i>Journal of Neurosurgery</i> , 2016, 125, 915-928.	0.9	37
7	Laser application in neurosurgery. , 2017, 8, 274.		34
8	Laboratory Evaluation of a Robotic Operative Microscope - Visualization Platform for Neurosurgery. <i>Cureus</i> , 2018, 10, e3072.	0.2	32
9	Systematic Review of Factors Influencing Surgical Performance: Practical Recommendations for Microsurgical Procedures in Neurosurgery. <i>World Neurosurgery</i> , 2018, 112, e182-e207.	0.7	31
10	Diagnostic Accuracy of a Confocal Laser Endomicroscope for In Vivo Differentiation Between Normal Injured And Tumor Tissue During Fluorescein-Guided Glioma Resection: Laboratory Investigation. <i>World Neurosurgery</i> , 2018, 115, e337-e348.	0.7	30
11	Microvascular anastomosis under 3D exoscope or endoscope magnification: A proof-of-concept study. , 2018, 9, 115.		29
12	Progress in Confocal Laser Endomicroscopy for Neurosurgery and Technical Nuances for Brain Tumor Imaging With Fluorescein. <i>Frontiers in Oncology</i> , 2019, 9, 554.	1.3	28
13	Prospective Comparison of Microsurgical, Tubular-Based Endoscopic, and Endoscopically Assisted Discectomies: Clinical Effectiveness and Complications in Railway Workers. <i>World Neurosurgery</i> , 2016, 90, 273-280.	0.7	27
14	Off-the-Job Microsurgical Training on Dry Models: Siberian Experience. <i>World Neurosurgery</i> , 2014, 82, 20-24.	0.7	26
15	Biomechanical and Endplate Effects on Nutrient Transport in the Intervertebral Disc. <i>World Neurosurgery</i> , 2017, 99, 395-402.	0.7	26
16	Utilization of intraoperative confocal laser endomicroscopy in brain tumor surgery. <i>Journal of Neurosurgical Sciences</i> , 2018, 62, 704-717.	0.3	24
17	Face, Content, and Construct Validity of an Aneurysm Clipping Model Using Human Placenta. <i>World Neurosurgery</i> , 2017, 105, 952-960.e2.	0.7	23
18	Fluorescence Diagnosis in Neurooncology: Retrospective Analysis of 653 Cases. <i>Frontiers in Oncology</i> , 2019, 9, 830.	1.3	23

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19	Current Trends for Improving Safety of Stereotactic Brain Biopsies: Advanced Optical Methods for Vessel Avoidance and Tumor Detection. <i>Frontiers in Oncology</i> , 2019, 9, 947.	1.3	23
20	Extracellular actin in health and disease. <i>Biochemistry (Moscow)</i> , 2017, 82, 1-12.	0.7	21
21	Apparent diffusion coefficient maps in the assessment of surgical patients with lumbar spine degeneration. <i>PLoS ONE</i> , 2017, 12, e0183697.	1.1	21
22	Intraoperative Confocal Laser Endomicroscopy Ex Vivo Examination of Tissue Microstructure During Fluorescence-Guided Brain Tumor Surgery. <i>Frontiers in Oncology</i> , 2020, 10, 599250.	1.3	21
23	Mid-Term to Long-Term Outcomes After Total Cervical Disk Arthroplasty Compared With Anterior Discectomy and Fusion. <i>Clinical Spine Surgery</i> , 2020, 33, 192-200.	0.7	20
24	MinION rapid sequencing: Review of potential applications in neurosurgery. , 2018, 9, 157.		20
25	Microvascular Anastomosis Training in Neurosurgery: A Review. <i>Minimally Invasive Surgery</i> , 2018, 2018, 1-9.	0.1	18
26	Facet Joint Fixation and Anterior, Direct Lateral, and Transforaminal Lumbar Interbody Fusions for Treatment of Degenerative Lumbar Disc Diseases: Retrospective Cohort Study of a New Minimally Invasive Technique. <i>World Neurosurgery</i> , 2018, 114, e959-e968.	0.7	16
27	A systematic review and meta-analysis comparing open versus endoscopic in situ decompression for the treatment of cubital tunnel syndrome. <i>Acta Neurologica Belgica</i> , 2020, 120, 1-8.	0.5	16
28	Endoscopically Assisted Targeted Keyhole Retrosigmoid Approaches for Microvascular Decompression: Quantitative Anatomic Study. <i>World Neurosurgery</i> , 2018, 119, e1-e15.	0.7	15
29	Optimization of segmental lumbar spine instability treatment using minimally invasive spinal fusion technique. <i>Zhurnal Voprosy Neirokhirurgii Imeni N N Burdenko</i> , 2015, 79, 45.	0.1	15
30	<sc>Patient-specific</sc> apparent diffusion maps used to model nutrient availability in degenerated intervertebral discs. <i>JOR Spine</i> , 2021, 4, e1179.	1.5	14
31	The Role of Bone Morphogenetic Proteins 2, 7, and 14 in Approaches for Intervertebral Disk Restoration. <i>World Neurosurgery</i> , 2015, 84, 871-873.	0.7	13
32	Quantitative anatomical comparison of the ipsilateral and contralateral interhemispheric transcallosal approaches to the lateral ventricle. <i>Journal of Neurosurgery</i> , 2018, 128, 1492-1502.	0.9	11
33	Unilateral hyperplasia of the left posterior arch and associated vertebral schisis at C6 level. <i>Skeletal Radiology</i> , 2009, 38, 1191-1195.	1.2	10
34	Surgical Protocol for Infections, Nonhealing Wound Prophylaxis, and Analgesia: Development and Implementation for Posterior Spinal Fusions. <i>World Neurosurgery</i> , 2019, 123, 390-401.e2.	0.7	10
35	Poor Fusion Rates Following Cervical Corpectomy Reconstructed With an Expandable Cage: Minimum 2-Year Radiographic and Clinical Outcomes. <i>Neurosurgery</i> , 2021, 89, 617-625.	0.6	9
36	Comparison of MRI Visualization Following Minimally Invasive and Open TLIF: A Retrospective Single-Center Study. <i>Diagnostics</i> , 2021, 11, 906.	1.3	8

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37	3D-printed cranial models simulating operative field depth for microvascular training in neurosurgery. , 2021, 12, 213.		8
38	RELATIONSHIP BETWEEN VERTEBRAL METRIC PARAMETERS AND OUTCOME OF SURGICAL TREATMENT OF DEGENERATIVE SPONDYLOLISTHESIS WITH MULTILEVEL LUMBAR INTERVERTEBRAL DISC LESIONS. Hirurgia Pozvonochnika, 2015, , 56-62.	0.1	8
39	Clinical-Instrumental Results and Analysis of Functional Activity Restoration in Professional Athletes After Lumbar Total Disk Replacement. World Neurosurgery, 2021, 151, e1069-e1077.	0.7	7
40	New Aspects in the Epidemiology of Craniofacial Anomalies. World Neurosurgery, 2012, 77, 599-600.	0.7	6
41	Nanostructural Changes of Intervertebral Disc After Diode Laser Ablation. World Neurosurgery, 2012, 77, 6-7.	0.7	6
42	Complex Analysis of Diffusion Transport and Microstructure of an Intervertebral Disk. Bulletin of Experimental Biology and Medicine, 2017, 164, 223-228.	0.3	6
43	Opportunities for Using an Accelerator-Based Epithermal Neutron Source for Boron Neutron Capture Therapy. Bio-Medical Engineering, 2018, 52, 73-76.	0.3	6
44	Accelerated Recovery Program for Patients with Polysegmental Degenerative Lumbar Spine Disease. Sovremennye Tehnologii V Medicine, 2021, 13, 74.	0.4	6
45	Factors affecting the outcome of surgical management for extramedullary spinal cord tumors: a multicenter study. Zhurnal Voprosy Neirokhirurgii Imeni N N Burdenko, 2014, 78, 15.	0.1	6
46	DIFFERENTIATED SURGICAL TACTICS IN DEGENERATIVE DISEASES OF LUMBAR SPINE DEPARTMENT WITH THE USE OF PUNCTIONAL METHODS. Siberian Medical Review, 2018, , 54-65.	0.1	6
47	Prospects in Boron Neutron Capture Therapy of Brain Tumors. World Neurosurgery, 2012, 78, 8-9.	0.7	5
48	Repair of V2 Vertebral Artery Injuries Sustained During Anterior Cervical Discectomy. World Neurosurgery, 2017, 105, 796-804.	0.7	5
49	ISOLATED AND COMBINED DEGENERATIVE TANDEM CERVICAL AND LUMBAR SPINAL STENOSES: LITERATURE REVIEW. Hirurgia Pozvonochnika, 2016, 13, 52-61.	0.1	5
50	New simulation technologies in neurosurgery. Zhurnal Voprosy Neirokhirurgii Imeni N N Burdenko, 2016, 80, 102.	0.1	5
51	DIFFUSION-WEIGHTED MRI IN THE DIFFERENTIAL DIAGNOSIS OF BRAIN MENINGIOMAS. Siberian Journal of Oncology, 2017, 16, 19-26.	0.1	5
52	CYTOPATHIC EFFECTS OF ACCELERATOR-BASED BORON NEUTRON CAPTURE THERAPY ON HUMAN GLIOBLASTOMA CELLS. Siberian Journal of Oncology, 2019, 18, 34-42.	0.1	5
53	INTERVERTEBRAL DISC DEGENERATION AND POSSIBILITIES OF TISSUE ENGINEERING: LITERATURE REVIEW. Hirurgia Pozvonochnika, 2017, 14, 60-67.	0.1	5
54	Meta-analysis of prospective cohort studies that compare outcomes of minimally invasive and open transforaminal lumbar interbody fusion in surgical treatment of patients with lumbar spine degenerative disease. Genij Ortopedii, 2019, 25, 111-119.	0.1	5

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55	Case Report: Full-Endoscopic Surgery for Bullet Wounds of the Spine: A Report of Three Cases. <i>Frontiers in Surgery</i> , 2022, 9, 873365.	0.6	5
56	Synovial cyst that compressed the peroneal nerve: case report. <i>Acta Neurochirurgica</i> , 2010, 152, 1241-1244.	0.9	4
57	Diffusion-Weighted Magnetic Resonance Tomography in the Diagnosis of Intervertebral Disk Degeneration. <i>Bio-Medical Engineering</i> , 2016, 50, 253-256.	0.3	4
58	Monsters and the case of L. Joseph: Andr� Feil's thesis on the origin of the Klippel-Feil syndrome and a social transformation of medicine. <i>Neurosurgical Focus</i> , 2016, 41, E3.	1.0	4
59	Quantitative Comparison of Three Endoscopic Approaches to the Parasellar Region: Laboratory Investigation. <i>World Neurosurgery</i> , 2017, 108, 383-392.	0.7	4
60	Development of an In Vitro Model of Inflammatory Cytokine Influences on Intervertebral Disk Cells in 3D Cell Culture Using Activated Macrophage-Like THP-1 Cells. <i>Bulletin of Experimental Biology and Medicine</i> , 2018, 166, 151-154.	0.3	4
61	Assessment of Lactate Production and Proteoglycans Synthesis by the Intact and Degenerated Intervertebral Disc Cells under the Influence of Activated Macrophages: an In Vitro Study. <i>Bulletin of Experimental Biology and Medicine</i> , 2018, 166, 170-173.	0.3	4
62	Effectiveness of optimization program of neuroanesthesia in surgical treatment of degenerative lumbar spine diseases in patients with high risk factors. <i>Russian Journal of Anesthesiology and Reanimatology /Anesteziologiya I Reanimatologiya</i> , 2021, , 74.	0.2	4
63	THE ROLE OF DIFFUSION-WEIGHTED MRI IN DIFFERENTIAL DIAGNOSIS AND PREDICTION OF SURVIVAL IN PATIENTS WITH BRAIN METASTASES. <i>Vestnik Rossiiskoi Akademii Meditsinskikh Nauk</i> , 2017, 72, 442-449.	0.2	4
64	LONG-TERM RESULTS OF SURGICAL TREATMENT IN PATIENTS WITH INTRADURAL SPINAL TUMORS. <i>Vestnik Rossiiskoi Akademii Meditsinskikh Nauk</i> , 2018, 73, 88-95.	0.2	4
65	Assessment of Clinical Decision Support System Efficiency in Spinal Neurosurgery for Personalized Minimally Invasive Technologies Used on Lumbar Spine. <i>Sovremennye Tehnologii V Medicine</i> , 2021, 13, 13.	0.4	4
66	Assessment of outcomes after surgical treatment of an isolated facet-syndrome in the cervical spine using facet joint laser denervation. <i>Lazerna i Medicina</i> , 2020, 24, 26-33.	0.1	4
67	Mitochondrial Dysfunction and Neurodegenerative Diseases. <i>World Neurosurgery</i> , 2010, 74, 10-12.	0.7	3
68	RESULTS OF TOTAL LUMBAR INTERVERTEBRAL DISK REPLACEMENT WITH M6-L: A MULTICENTER STUDY. <i>Coluna/ Columna</i> , 2017, 16, 288-291.	0.0	3
69	Postoperative MRI Visualization of the Cervical Spine Following Cervical Disc Arthroplasty: A Prospective Single-Center Comparison of a Titanium and Cobalt-Chromium Prosthesis. <i>Global Spine Journal</i> , 2021, , 219256822199110.	1.2	3
70	ALGORITHM OF SURGICAL TREATMENT OF LUMBAR SPINAL AND DURAL SAC STENOSIS. <i>Acta Biomedica Scientifica</i> , 2017, 2, 44-51.	0.1	3
71	Development of an algorithm for the clinical and instrumental diagnosis of non-compression lumbar pain syndromes to optimize the use of puncture surgical techniques. <i>Innovative Medicine of Kuban</i> , 2020, , 27-34.	0.0	3
72	[A model of the arterial aneurysm of the brain for microneurosurgical training]. <i>Zhurnal Voprosy Neirokhirurgii Imeni N N Burdenko</i> , 2014, 78, 40-5; discussion 45.	0.1	3

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73	The Relationship of Radiographic Parameters and Morphological Changes at Various Stages of Degeneration of the Lumbar Facet Joints: Cadaver Study. <i>Global Spine Journal</i> , 2022, , 219256822210994.	1.2	3
74	The long way. <i>Child's Nervous System</i> , 2009, 25, 1-4.	0.6	2
75	Nanostructure Changes in the Intervertebral Discs after Experimental Laser Irradiation. <i>Bulletin of Experimental Biology and Medicine</i> , 2015, 158, 504-507.	0.3	2
76	Analysis of the influence parameters spine-pelvic balance on the risk of development degeneration and degenerative disease of adjacent segments after lumbar spine rigid fixation. <i>Innovative Medicine of Kuban</i> , 2021, , 24-30.	0.0	2
77	RESULTS OF STAGED SURGICAL TREATMENT OF PATIENTS WITH TANDEM STENOSIS OF THE CERVICAL AND LUMBOSACRAL SPINE. <i>Hirurgia Pozvonochnika</i> , 2017, 14, 50-62.	0.1	2
78	The Choice of the Treatment Method for Cerebral Aneurysms of Different Locations in the Era of Advanced Endovascular Technologies: A Meta-Analysis. <i>Vestnik Rossiiskoi Akademii Meditsinskikh Nauk</i> , 2016, 71, 31-40.	0.2	2
79	ANALYSIS OF RESULTS OF THE INTERVERTEBRAL TOTAL DISK ARTHROPLASTY OF THE LUMBAR SPINE BY M6-L PROSTHESIS: A MULTICENTER STUDY. <i>Vestnik Rossiiskoi Akademii Meditsinskikh Nauk</i> , 2017, 72, 393-402.	0.2	2
80	THE ROLE OF TUMOR STEM CELLS IN THE DEVELOPMENT OF CEREBRAL GLIOMAS. <i>Siberian Medical Review</i> , 2015, , 5-14.	0.1	2
81	THE PRIORITY OF VERTEBROPLASTY FOR TREATMENT OF SYMPTOMATIC VERTEBRAL HEMANGIOMAS. <i>Hirurgia Pozvonochnika</i> , 2008, , 41-47.	0.1	2
82	CURRENT METHODS FOR DIAGNOSIS AND TREATMENT OF SPINAL HEMANGIOMAS. <i>Hirurgia Pozvonochnika</i> , 2008, , 42-46.	0.1	2
83	PERITUMORAL EDEMA AT BRAIN MENINGIOMAS. <i>Biulleten' Vostochno-Sibirskogo Nauchnogo Tsentra</i> , 2016, 1, 7-11.	0.1	2
84	A history of surgical treatment for radicular pain associated with intervertebral disc disease. <i>Hirurgia Pozvonochnika</i> , 2016, 13, 78-89.	0.1	2
85	Treatment of Patients with Degenerative Diseases of the Lumbosacral Spine Using a Novel Technology of Facet Stabilization with Facet Wedge Implant. <i>Sovremennye Tehnologii V Medicine</i> , 2017, 9, 131.	0.4	2
86	APPLICATION OF THE APPARENT DIFFUSION COEFFICIENT IN PREOPERATIVE ASSESSMENT OF THE PROLIFERATIVE POTENTIAL OF SPINAL TUMORS. <i>Hirurgia Pozvonochnika</i> , 2017, 14, 93-99.	0.1	2
87	POSSIBILITIES OF DIFFUSION-WEIGHTED MAGNETIC RESONANCE IMAGING IN THE DIAGNOSIS OF SPINAL CORD TUMORS. <i>Vestnik Rentgenologii I Radiologii</i> , 2018, 99, 101-107.	0.1	2
88	ADVERSE DRUG REACTIONS TO LOCAL INTRAWOUND VANCOMYCIN APPLICATION AFTER POSTERIOR LUMBOSACRAL FUSION. <i>Hirurgia Pozvonochnika</i> , 2018, 15, 76-83.	0.1	2
89	PERIARTICULAR CYSTS OF FACET JOINTS: ETIOPATHOGENESIS, DIAGNOSIS, METHODS OF SURGICAL TREATMENT. A CLINICAL EXAMPLE. <i>Acta Biomedica Scientifica</i> , 2018, 3, 61-68.	0.1	2
90	Features and risk factors for recurrence of intradural spinal tumors. <i>Siberian Journal of Oncology</i> , 2019, 18, 21-29.	0.1	2

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91	Effects of Boron Neutron Capture Therapy on the Growth of Subcutaneous Xenografts of Human Colorectal Adenocarcinoma SW-620 in Immunodeficient Mice. <i>Bulletin of Experimental Biology and Medicine</i> , 2022, 172, 359.	0.3	2
92	ENERGY SUPPLY AND DEMAND IN THE INTERVERTEBRAL DISC. <i>Coluna/ Columna</i> , 2018, 17, 237-239.	0.0	1
93	APOPTOSIS, NUTRITION, AND METABOLISM OF TRANSPLANTED INTERVERTEBRAL DISC CELLS. <i>Coluna/ Columna</i> , 2018, 17, 317-322.	0.0	1
94	A Hybrid Neurosurgical Operating Room: Potentials in the Treatment of Arteriovenous Malformations of the Brain. <i>Bio-Medical Engineering</i> , 2018, 52, 14-18.	0.3	1
95	Minimally invasive corpectomy and percutaneous transpedicular stabilization in the treatment of patients with unstable injuries of the thoracolumbar spine: Results of retrospective case series. <i>Journal of Craniovertebral Junction and Spine</i> , 2021, 12, 294.	0.4	1
96	ALGORITHM OF DIAGNOSTICS AND SURGICAL TREATMENT OF INTERVERTEBRAL DISK HERNIAS IN LUMBAR AND LUMBOSACRAL SPINE. <i>Acta Biomedica Scientifica</i> , 2018, 2, 78-86.	0.1	1
97	Embryogenesis and Regeneration of the Intervertebral Disk (Review). <i>Sovremennye Tehnologii V Medicine</i> , 2017, 9, 151.	0.4	1
98	The Value of Diffusion-weighted Magnetic Resonance Imaging in the Preoperative Evaluation of the Grade of Brain Gliomas. <i>Vestnik Rentgenologii I Radiologii</i> , 2019, 100, 102-110.	0.1	1
99	Microsurgical Treatment of Epidermoids. Case Report and Literature Review. <i>Acta Biomedica Scientifica</i> , 2019, 4, 114-121.	0.1	1
100	Capabilities of Surgical Treatment for Cervical Spine Metastases. <i>Hirurgia Pozvonochnika</i> , 2009, , 42-48.	0.1	1
101	POSTTRAUMATIC PNEUMACEPHALUS: ETIOPATHOGENESIS, DIAGNOSTICS, METHODS OF SURGICAL TREATMENT. CLINICAL CASE. <i>Biulleten' Vostochno-Sibirskogo Nauchnogo Tsentra</i> , 2016, 1, 9-18.	0.1	1
102	ANALYSIS OF THE RESULTS OF STAGING DECOMPRESSION/STABILIZATION INTERVENTIONS IN THE TREATMENT OF PATIENTS WITH TANDEM STENOSIS OF CERVICAL AND LUMBAR SPINE. <i>Biulleten' Vostochno-Sibirskogo Nauchnogo Tsentra</i> , 2016, 1, 85-90.	0.1	1
103	MULTICENTER ANALYSIS OF THE RESULTS OF APPLICATION OF DIRECT LATERAL INTERBODY FUSION (DLIF) AND TRANSCUTANEOUS TRANSPEDICULAR FIXATION IN PATIENTS WITH DEGENERATIVE DISC DISEASES OF THE LUMBAR SPINE. <i>Vestnik Rossiiskoi Akademii Meditsinskikh Nauk</i> , 2017, 72, 149-158.	0.2	1
104	Outcome Analysis of the Flow Diversion with Pipeline Embolization Device for the Surgical Treatment of Unruptured Large and Giant Paraclinoid Carotid Aneurysms. <i>Vestnik Rossiiskoi Akademii Meditsinskikh Nauk</i> , 2018, 73, 16-22.	0.2	1
105	INFLUENCE OF FACET JOINT TROPISM ON THE FORMATION OF INTERVERTEBRAL DISC HERNIATION IN THE LUMBOSACRAL SPINE. <i>Hirurgia Pozvonochnika</i> , 2018, 15, 49-54.	0.1	1
106	Optimization of Surgical Care and Anesthesia in the Treatment of Multilevel Degenerative Diseases of the Lumbar Spine in Patients with Overweight and Obesity. <i>Vestnik Rossiiskoi Akademii Meditsinskikh Nauk</i> , 2018, 73, 401-410.	0.2	1
107	Comparison of Results and Cost-Effectiveness of Minimally Invasive and Open Transforaminal Lumbar Interbody Fusion: A Meta-Analysis of Prospective Cohort Studies. <i>Vestnik Rossiiskoi Akademii Meditsinskikh Nauk</i> , 2019, 74, 125-135.	0.2	1
108	EFFECTIVENESS OF VASCULAR ENDOTHELIAL GROWTH FACTOR INHIBITORS IN THE TREATMENT OF GLIOBLASTOMA: A SYSTEMATIC REVIEW AND META-ANALYSIS. <i>Voprosy Onkologii</i> , 2019, 65, 546-555.	0.1	1

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109	Diffusion-Weighted Magnetic Resonance Imaging in Diagnostics of Spinal Nerve Root Compression in Patients with Lumbar Intervertebral Disc Herniation. <i>Sovremennye Tehnologii V Medicine</i> , 2019, 11, 104.	0.4	1
110	THE ROLE OF DIFFUSION-WEIGHTED MRI OF PATIENTS WITH SPINE METASTASES. <i>Coluna/ Columna</i> , 2019, 18, 289-293.	0.0	1
111	Development of differentiated surgical technique for treating patients with multilevel degenerative diseases of cervical spine. <i>Innovative Medicine of Kuban</i> , 2019, , 47-54.	0.0	1
112	A meta-analysis of prospective studies comparing the results of laminoplasty and laminectomy with instrumental fixation in the surgical treatment of patients with multilevel degenerative cervical spine diseases. <i>Vestnik Rossiiskoi Akademii Meditsinskikh Nauk</i> , 2020, 75, 54-68.	0.2	1
113	HEMATOTOXIC ADVERSE DRUG REACTIONS ASSOCIATED WITH VASCULAR ENDOTHELIAL GROWTH FACTOR INHIBITORS AND CYTOTOXIC DRUGS IN THE TREATMENT OF GLIOBLASTOMA: A SYSTEMATIC REVIEW. <i>Siberian Journal of Oncology</i> , 2020, 19, 121-130.	0.1	1
114	Dendritic Neurosecretion Phenomenon of Olfactory Receptor Cells. <i>World Neurosurgery</i> , 2015, 83, 278-279.	0.7	0
115	Quantitative Assessment of the Degree of Degenerative Change in Intervertebral Disks Using Diffusion-weighted Images. <i>Bio-Medical Engineering</i> , 2017, 51, 275-279.	0.3	0
116	ANALYSIS OF POSTOPERATIVE OUTCOMES OF DEGENERATIVE DISEASES OF THE LUMBOSACRAL JUNCTION. <i>Coluna/ Columna</i> , 2018, 17, 180-184.	0.0	0
117	INN-08. THE UTILIZATION OF INTRAOPERATIVE CONFOCAL LASER ENDOMICROSCOPY DURING THE FLUORESCENCE GUIDED SURGERY FOR BRAIN TUMORS. <i>Neuro-Oncology</i> , 2018, 20, vi139-vi139.	0.6	0
118	SURGICAL SITE INFECTIONS IN PATIENTS AFTER POSTERIOR LUMBAR SPINE FUSION. <i>Coluna/ Columna</i> , 2018, 17, 195-199.	0.0	0
119	RELATIONSHIP BETWEEN PARAMETERS OF THE LUMBAR FACET JOINTS IN A LONG-TERM POSTOPERATIVE OUTCOME. <i>Coluna/ Columna</i> , 2018, 17, 221-226.	0.0	0
120	TMOD-10. METABOLIC AND BLOOD-BRAIN BARRIER MARKERS FOR FLUORESCENCE-GUIDED SURGERY: SYSTEMATIC HIGH-RESOLUTION MICROSCOPY INVESTIGATION IN HUMAN RELEVANT EXPERIMENTAL GLIOMAS. <i>Neuro-Oncology</i> , 2018, 20, vi270-vi270.	0.6	0
121	SURGICAL TREATMENT OF LUMBAR DISC HERNIATION IN PREGNANT WOMEN: REPORT OF TWO CASES AND A SYSTEMATIC REVIEW. <i>Coluna/ Columna</i> , 2018, 17, 240-248.	0.0	0
122	Intraoperative Multispiral Computerized Tomography in the Surgical Treatment of Intradural Spinal Cord Tumors. <i>Bio-Medical Engineering</i> , 2019, 53, 112-116.	0.3	0
123	THE USE OF DEXMEDETOMIDINE IN PUNCTURE TECHNIQUES FOR DEGENERATIVE DISEASES OF THE LUMBAR SPINE. <i>Coluna/ Columna</i> , 2021, 20, 185-188.	0.0	0
124	A Brief History of Image-Guided Spinal Interventions. , 2021, , 1-14.		0
125	ANALYSIS OF THE RESULTS OF INTRAOPERATIVE NEUROPHYSIOLOGICAL MONITORING IN THE CENTER OF NEUROSURGERY OF RAILWAY CLINICAL HOSPITAL AT THE IRKUTSK-PASSAZHIRSKIY RAILWAY STATION OF RUSSIAN RAILWAYS LTD.. <i>Biulleten' Vostochno-Sibirskogo Nauchnogo Tsentra</i> , 2016, 1, 46-50.	0.1	0
126	BONE MORPHOGENETIC PROTEIN-2 INFLUENCE ON METABOLIC ACTIVITY AND PROTEOGLYCAN SYNTHESIS BY INTERVERTEBRAL DISC CELLS. <i>Biulleten' Vostochno-Sibirskogo Nauchnogo Tsentra</i> , 2016, 1, 99-103.	0.1	0



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127	HISTOLOGICAL AND IMMUNOHISTOCHEMICAL CHARACTERISTICS OF BRAIN MENINGIOMAS. Biulleten' Vostochno-Sibirskogo Nauchnogo Tsentra, 2016, 1, 187-194.	0.1	0
128	INTRAOPERATIVE FLUORESCENCE-GUIDED RESECTION OF HIGH-GRADE GLYOBLASTOMA USING 5-AMINOLEVULINIC ACID: A META-ANALYSIS. Siberian Journal of Oncology, 2017, 16, 54-64.	0.1	0
129	The influence of heterotopic ossification on clinical and radiological outcomes after total lumbar disc replacement with M6-L prosthesis: a multicenter study. Hirurgia Pozvonochnika, 2017, 14, 69-75.	0.1	0
130	PLAGIARISM AND ACADEMIC INTEGRITY IN SCIENCE. Vestnik Rossiiskoi Akademii Meditsinskikh Nauk, 2017, 72, 299-304.	0.2	0
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