

Vadim Byvaltsev

List of Publications by Year in descending order

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140
papers

1,333
citations

430442

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162
all docs

162
docs citations

162
times ranked

1554
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	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
6	Accelerated Recovery Program for Patients with Polysegmental Degenerative Lumbar Spine Disease. <i>Sovremennye Tehnologii V Medicine</i> , 2021, 13, 74.	0.4	6
7	Comparison of MRI Visualization Following Minimally Invasive and Open TLIF: A Retrospective Single-Center Study. <i>Diagnostics</i> , 2021, 11, 906.	1.3	8
8	3D-printed cranial models simulating operative field depth for microvascular training in neurosurgery. , 2021, 12, 213.		8
9	Clinical-Instrumental Results and Analysis of Functional Activity Restoration in Professional Athletes After Lumbar Total Disk Replacement. <i>World Neurosurgery</i> , 2021, 151, e1069-e1077.	0.7	7
10	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
11	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
12	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
13	Minimally invasive corpectomy and percutaneous transpedicular stabilization in the treatment of patients with unstable injures of the thoracolumbar spine: Results of retrospective case series. <i>Journal of Craniovertebral Junction and Spine</i> , 2021, 12, 294.	0.4	1
14	A Brief History of Image-Guided Spinal Interventions. , 2021, , 1-14.		0
15	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
16	<scp>Patientâ€specific</scp> apparent diffusion maps used to model nutrient availability in degenerated intervertebral discs. <i>JOR Spine</i> , 2021, 4, e1179.	1.5	14
17	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
18	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

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19	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
20	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
21	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
22	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
23	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
24	The Impact of Smoking on Radiological Outcomes in Patients After Total Arthroplasty of the Cervical Intervertebral Discs. <i>Vestnik Rentgenologii i Radiologii</i> , 2020, 101, 268-275.	0.1	0
25	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
26	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
27	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
28	Fluorescence Diagnosis in Neurooncology: Retrospective Analysis of 653 Cases. <i>Frontiers in Oncology</i> , 2019, 9, 830.	1.3	23
29	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
30	Acridine Orange: A Review of Novel Applications for Surgical Cancer Imaging and Therapy. <i>Frontiers in Oncology</i> , 2019, 9, 925.	1.3	75
31	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
32	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
33	CYTOPATHIC EFFECTS OF ACCELERATOR-BASED BORON NEUTRON CAPTURE THERAPY ON HUMAN GLIOBLASTOMA CELLS. <i>Siberian Journal of Oncology</i> , 2019, 18, 34-42.	0.1	5
34	Microsurgical Treatment of Epidermoids. Case Report and Literature Review. <i>Acta Biomedica Scientifica</i> , 2019, 4, 114-121.	0.1	1
35	RESULTS OF LAMINECTOMY WITH LATERAL MASSES FIXATION IN TREATMENT OF MULTILEVEL CERVICAL DEGENERATIVE DISEASES. <i>Siberian Medical Review</i> , 2019, , 52-58.	0.1	0
36	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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37	TOTAL ARTHROPLASTY AND ANTERIOR CERVICAL DISCECTOMY WITH FIXATION: LONG-TERM RESULTS OF A RANDOMIZED CLINICAL TRIAL. <i>Hirurgia Pozvonochnika</i> , 2019, 16, 48-56.	0.1	0
38	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. <i>Genij Ortopedii</i> , 2019, 25, 111-119.	0.1	5
39	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
40	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
41	Dynamic fixation of the lumbar spine dynamic fixation of the lumbar spine. <i>N N Priorov Journal of Traumatology and Orthopedics</i> , 2019, 26, 43-55.	0.1	0
42	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
43	EFFICACY OF THE CLINICAL-INSTRUMENTAL ALGORITHM IN THE TREATMENT OF SPINAL TANDEM STENOSIS. <i>Coluna/ Columna</i> , 2019, 18, 294-300.	0.0	0
44	THE ROLE OF DIFFUSION-WEIGHTED MRI OF PATIENTS WITH SPINE METASTASES. <i>Coluna/ Columna</i> , 2019, 18, 289-293.	0.0	1
45	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
46	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
47	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
48	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
49	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
50	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
51	ANALYSIS OF POSTOPERATIVE OUTCOMES OF DEGENERATIVE DISEASES OF THE LUMBOSACRAL JUNCTION. <i>Coluna/ Columna</i> , 2018, 17, 180-184.	0.0	0
52	INNV-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
53	ENERGY SUPPLY AND DEMAND IN THE INTERVERTEBRAL DISC. <i>Coluna/ Columna</i> , 2018, 17, 237-239.	0.0	1
54	SURGICAL SITE INFECTIONS IN PATIENTS AFTER POSTERIOR LUMBAR SPINE FUSION. <i>Coluna/ Columna</i> , 2018, 17, 195-199.	0.0	0

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55	RELATIONSHIP BETWEEN PARAMETERS OF THE LUMBAR FACET JOINTS IN A LONG-TERM POSTOPERATIVE OUTCOME. Coluna/ Columna, 2018, 17, 221-226.	0.0	0
56	TMOD-10. METABOLIC AND BLOOD-BRAIN BARRIER MARKERS FOR FLUORESCENCE-GUIDED SURGERY: SYSTEMATIC HIGH-RESOLUTION MICROSCOPY INVESTIGATION IN HUMAN RELEVANT EXPERIMENTAL GLIOMAS. Neuro-Oncology, 2018, 20, vi270-vi270.	0.6	0
57	SURGICAL TREATMENT OF LUMBAR DISC HERNIATION IN PREGNANT WOMEN: REPORT OF TWO CASES AND A SYSTEMATIC REVIEW. Coluna/ Columna, 2018, 17, 240-248.	0.0	0
58	Laboratory Evaluation of a Robotic Operative Microscope - Visualization Platform for Neurosurgery. Cureus, 2018, 10, e3072.	0.2	32
59	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. Bulletin of Experimental Biology and Medicine, 2018, 166, 151-154.	0.3	4
60	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. Bulletin of Experimental Biology and Medicine, 2018, 166, 170-173.	0.3	4
61	APOPTOSIS, NUTRITION, AND METABOLISM OF TRANSPLANTED INTERVERTEBRAL DISC CELLS. Coluna/ Columna, 2018, 17, 317-322.	0.0	1
62	Microvascular Anastomosis Training in Neurosurgery: A Review. Minimally Invasive Surgery, 2018, 2018, 1-9.	0.1	18
63	A Hybrid Neurosurgical Operating Room: Potentials in the Treatment of Arteriovenous Malformations of the Brain. Bio-Medical Engineering, 2018, 52, 14-18.	0.3	1
64	Opportunities for Using an Accelerator-Based Epithermal Neutron Source for Boron Neutron Capture Therapy. Bio-Medical Engineering, 2018, 52, 73-76.	0.3	6
65	Endoscopically Assisted Targeted Keyhole Retrosigmoid Approaches for Microvascular Decompression: Quantitative Anatomic Study. World Neurosurgery, 2018, 119, e1-e15.	0.7	15
66	ALGORITHM OF DIAGNOSTICS AND SURGICAL TREATMENT OF INTERVERTEBRAL DISK HERNIAS IN LUMBAR AND LUMBOSACRAL SPINE. Acta Biomedica Scientifica, 2018, 2, 78-86.	0.1	1
67	LONG-TERM RESULTS OF SURGICAL TREATMENT IN PATIENTS WITH INTRADURAL SPINAL TUMORS. Vestnik Rossiiskoi Akademii Meditsinskikh Nauk, 2018, 73, 88-95.	0.2	4
68	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
69	Utilization of intraoperative confocal laser endomicroscopy in brain tumor surgery. Journal of Neurosurgical Sciences, 2018, 62, 704-717.	0.3	24
70	Microvascular anastomosis under 3D exoscope or endoscope magnification: A proof-of-concept study. , 2018, 9, 115.		29
71	MinION rapid sequencing: Review of potential applications in neurosurgery. , 2018, 9, 157.		20
72	Outcome Analysis of the Flow Diversion with Pipeline Embolization Device for the Surgical Treatment of Unruptured Large and Giant Paraclinoid Carotid Aneurysms. Vestnik Rossiiskoi Akademii Meditsinskikh Nauk, 2018, 73, 16-22.	0.2	1

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73	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
74	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
75	OUTCOMES OF 5-ALA FLUORESCENCE-GUIDED SURGERY FOR HIGH GRADE G. <i>Siberian Journal of Oncology</i> , 2018, 17, 18-26.	0.1	0
76	Proliferative Activity of Healthy and Degenerated Intervertebral Disc Cells in vitro under Bone Morphogenetic Proteins™ Influence: Implications for Cell Therapy. <i>Sovremennye Tehnologii V Medicine</i> , 2018, 10, 76.	0.4	0
77	ADVERSE DRUG REACTIONS TO LOCAL INTRAWOUND VANCOMYCIN APPLICATION AFTER POSTERIOR LUMBOSACRAL FUSION. <i>Hirurgia Pozvonochnika</i> , 2018, 15, 76-83.	0.1	2
78	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
79	INTERRELATION OF SPONDYLOMETRIC PARAMETERS WITH THE OUTCOME OF SURGICAL TREATMENT OF PATIENTS WITH DEGENERATIVE DISEASES OF THE LUMBOSACRAL JUNCTION. <i>Hirurgia Pozvonochnika</i> , 2018, 15, 61-72.	0.1	0
80	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
81	Extracellular actin in health and disease. <i>Biochemistry (Moscow)</i> , 2017, 82, 1-12.	0.7	21
82	Biomechanical and Endplate Effects on Nutrient Transport in the Intervertebral Disc. <i>World Neurosurgery</i> , 2017, 99, 395-402.	0.7	26
83	Quantitative Comparison of Three Endoscopic Approaches to the Parasellar Region: Laboratory Investigation. <i>World Neurosurgery</i> , 2017, 108, 383-392.	0.7	4
84	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
85	Repair of V2 Vertebral Artery Injuries Sustained During Anterior Cervical Discectomy. <i>World Neurosurgery</i> , 2017, 105, 796-804.	0.7	5
86	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
87	Complex Analysis of Diffusion Transport and Microstructure of an Intervertebral Disk. <i>Bulletin of Experimental Biology and Medicine</i> , 2017, 164, 223-228.	0.3	6
88	Apparent diffusion coefficient maps in the assessment of surgical patients with lumbar spine degeneration. <i>PLoS ONE</i> , 2017, 12, e0183697.	1.1	21
89	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
90	RESULTS OF TOTAL LUMBAR INTERVERTEBRAL DISK REPLACEMENT WITH M6-L: A MULTICENTER STUDY. <i>Coluna/ Columna</i> , 2017, 16, 288-291.	0.0	3

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91	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
92	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
93	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
94	Embryogenesis and Regeneration of the Intervertebral Disk (Review). <i>Sovremennye Tehnologii V Medicine</i> , 2017, 9, 151.	0.4	1
95	DIFFUSION-WEIGHTED MRI IN THE DIFFERENTIAL DIAGNOSIS OF BRAIN MENINGIOMAS. <i>Siberian Journal of Oncology</i> , 2017, 16, 19-26.	0.1	5
96	Laser application in neurosurgery. , 2017, 8, 274.		34
97	INTRAOPERATIVE FLUORESCENCE-GUIDED RESECTION OF HIGH-GRADE GLYOBLASTOMA USING 5-AMINOLEVULINIC ACID: A META-ANALYSIS. <i>Siberian Journal of Oncology</i> , 2017, 16, 54-64.	0.1	0
98	The influence of heterotopic ossification on clinical and radiological outcomes after total lumbar disc replacement with M6-L prosthesis: a multicenter study. <i>Hirurgia Pozvonochnika</i> , 2017, 14, 69-75.	0.1	0
99	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
100	INTERVERTEBRAL DISC DEGENERATION AND POSSIBILITIES OF TISSUE ENGINEERING: LITERATURE REVIEW. <i>Hirurgia Pozvonochnika</i> , 2017, 14, 60-67.	0.1	5
101	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
102	PLAGIARISM AND ACADEMIC INTEGRITY IN SCIENCE. <i>Vestnik Rossiiskoi Akademii Meditsinskikh Nauk</i> , 2017, 72, 299-304.	0.2	0
103	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
104	ALGORITHM OF SURGICAL TREATMENT OF LUMBAR SPINAL AND DURAL SAC STENOSIS. <i>Acta Biomedica Scientifica</i> , 2017, 2, 44-51.	0.1	3
105	Potentialities of Diffusion Weighted MRI in the Assessment of the Degree of Adjacent Intervertebral Disc Degeneration: Rigid Lumbosacral Stabilization and Total Intervertebral Disc Arthroplasty. <i>N N Priorov Journal of Traumatology and Orthopedics</i> , 2017, , 18-24.	0.1	0
106	Role of the different signal transduction systems on intervertebral disk degeneration. <i>Genes and Cells</i> , 2017, 12, 20-25.	0.2	0
107	Intraoperative Fluorescence Imaging for Personalized Brain Tumor Resection: Current State and Future Directions. <i>Frontiers in Surgery</i> , 2016, 3, 55.	0.6	109
108	Diffusion-Weighted Magnetic Resonance Tomography in the Diagnosis of Intervertebral Disk Degeneration. <i>Bio-Medical Engineering</i> , 2016, 50, 253-256.	0.3	4

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109	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
110	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
111	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
112	ISOLATED AND COMBINED DEGENERATIVE TANDEM CERVICAL AND LUMBAR SPINAL STENOSES: LITERATURE REVIEW. <i>Hirurgia Pozvonochnika</i> , 2016, 13, 52-61.	0.1	5
113	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
114	New simulation technologies in neurosurgery. <i>Zhurnal Voprosy Neirokhirurgii Imeni N N Burdenko</i> , 2016, 80, 102.	0.1	5
115	PERITUMORAL EDEMA AT BRAIN MENINGIOMAS. <i>Biulleten' Vostochno-Sibirskogo Nauchnogo Tsentra</i> , 2016, 1, 7-11.	0.1	2
116	A history of surgical treatment for radicular pain associated with intervertebral disc disease. <i>Hirurgia Pozvonochnika</i> , 2016, 13, 78-89.	0.1	2
117	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
118	POSTTRAUMATIC PNEUMACEPHALUS: ETIOPATHOGENESIS, DIAGNOSTICS, METHODS OF SURGICAL TREATMENT. CLINICAL CASE. <i>Biulleten' Vostochno-Sibirskogo Nauchnogo Tsentra</i> , 2016, 1, 9-18.	0.1	1
119	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
120	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
121	HISTOLOGICAL AND IMMUNOHISTOCHEMICAL CHARACTERISTICS OF BRAIN MENINGIOMAS. <i>Biulleten' Vostochno-Sibirskogo Nauchnogo Tsentra</i> , 2016, 1, 187-194.	0.1	0
122	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
123	Dendritic Neurosecretion Phenomenon of Olfactory Receptor Cells. <i>World Neurosurgery</i> , 2015, 83, 278-279.	0.7	0
124	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
125	RELATIONSHIP BETWEEN VERTEBRAL METRIC PARAMETERS AND OUTCOME OF SURGICAL TREATMENT OF DEGENERATIVE SPONDYLOLISTHESIS WITH MULTILEVEL LUMBAR INTERVERTEBRAL DISC LESIONS. <i>Hirurgia Pozvonochnika</i> , 2015, , 56-62.	0.1	8
126	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

#	ARTICLE	IF	CITATIONS
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