Yoon Ha

List of Publications by Year in descending order

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304743 276875 2,231 124 22 41 citations h-index g-index papers 128 128 128 2692 citing authors docs citations times ranked all docs

#	Article	IF	CITATIONS
1	Mechanically-reinforced electrospun composite silk fibroin nanofibers containing hydroxyapatite nanoparticles. Materials Science and Engineering C, 2014, 40, 324-335.	7.3	145
2	Proximal junctional kyphosis and clinical outcomes in adult spinal deformity surgery with fusion from the thoracic spine to the sacrum: a comparison of proximal and distal upper instrumented vertebrae. Journal of Neurosurgery: Spine, 2013, 19, 360-369.	1.7	135
3	Difference in Occurrence of Heterotopic Ossification According to Prosthesis Type in the Cervical Artificial Disc Replacement. Spine, 2010, 35, 1556-1561.	2.0	111
4	Sacral Reconstruction with a 3D-Printed Implant after Hemisacrectomy in a Patient with Sacral Osteosarcoma: 1-Year Follow-Up Result. Yonsei Medical Journal, 2017, 58, 453.	2.2	93
5	Comparison of Outcomes of Anterior, Posterior, and Transforaminal Lumbar Interbody Fusion Surgery at a Single Lumbar Level with Degenerative Spinal Disease. World Neurosurgery, 2017, 101, 216-226.	1.3	91
6	Surgical outcome and prognostic factors of anterior decompression and fusion for cervical compressive myelopathy due to ossification of the posterior longitudinal ligament. Spine Journal, 2015, 15, 875-884.	1.3	85
7	Relationship between T1 slope and loss of lordosis after laminoplasty in patients with cervical ossification of the posterior longitudinal ligament. Spine Journal, 2016, 16, 219-225.	1.3	83
8	Reciprocal changes in cervical spine alignment after corrective thoracolumbar deformity surgery. European Spine Journal, 2014, 23, 552-559.	2.2	77
9	Correlation between cervical spine sagittal alignment and clinical outcome after cervical laminoplasty for ossification of the posterior longitudinal ligament. Journal of Neurosurgery: Spine, 2016, 24, 100-107.	1.7	67
10	Efficacy of Transforaminal Endoscopic Spine System (TESSYS) Technique in Treating Lumbar Disc Herniation. Medical Science Monitor, 2016, 22, 530-539.	1.1	66
11	An effect comparison of teriparatide and bisphosphonate on posterior lumbar interbody fusion in patients with osteoporosis: a prospective cohort study and preliminary data. European Spine Journal, 2017, 26, 691-697.	2.2	60
12	Impact of H3.3 K27M Mutation on Prognosis and Survival of Grade IV Spinal Cord Glioma on the Basis of New 2016 World Health Organization Classification of the Central Nervous System. Neurosurgery, 2019, 84, 1072-1081.	1.1	59
13	Modified global alignment and proportion scoring with body mass index and bone mineral density (GAPB) for improving predictions of mechanical complications after adult spinal deformity surgery. Spine Journal, 2020, 20, 776-784.	1.3	44
14	Coronal plane spinal malalignment and Parkinson's disease: prevalence and associations with disease severity. Spine Journal, 2015, 15, 115-121.	1.3	32
15	CRISPR/Cas9-Mediated Gene Correction to Understand ALS. International Journal of Molecular Sciences, 2020, 21, 3801.	4.1	31
16	Therapeutic Use of 3β-[N-(N′,N′-Dimethylaminoethane) Carbamoyl] Cholesterol-Modified PLGA Nanospheres as Gene Delivery Vehicles for Spinal Cord Injury. PLoS ONE, 2016, 11, e0147389.	2.5	30
17	Impact of Movement Disorders on Management of Spinal Deformity in the Elderly. Neurosurgery, 2015, 77, S173-S185.	1.1	26
18	Role of Ethnicity in Alignment Compensation. Spine, 2017, 42, E234-E240.	2.0	26

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19	Biomaterials and strategies for repairing spinal cord lesions. Neurochemistry International, 2021, 144, 104973.	3.8	26
20	The risk factors associated with delirium after lumbar spine surgery in elderly patients. Quantitative lmaging in Medicine and Surgery, 2019, 9, 700-710.	2.0	26
21	Multifunctional nanoparticles for gene delivery and spinal cord injury. Journal of Biomedical Materials Research - Part A, 2015, 103, 3474-3482.	4.0	25
22	Elucidation of Relevant Neuroinflammation Mechanisms Using Gene Expression Profiling in Patients with Amyotrophic Lateral Sclerosis. PLoS ONE, 2016, 11, e0165290.	2.5	25
23	Human-induced pluripotent stem cells generated from intervertebral disc cells improve neurologic functions in spinal cord injury. Stem Cell Research and Therapy, 2015, 6, 125.	5.5	24
24	Comparison of clinical and radiological outcomes in cervical laminoplasty versus laminectomy with fusion in patients with ossification of the posterior longitudinal ligament. Neurosurgical Review, 2020, 43, 1409-1421.	2.4	24
25	Long-term surgical outcomes of cervical myelopathy with athetoid cerebral palsy. European Spine Journal, 2014, 23, 1464-1471.	2.2	23
26	Regulation of cAMP and GSK3 signaling pathways contributes to the neuronal conversion of glioma. PLoS ONE, 2017, 12, e0178881.	2.5	22
27	Hypoxia-specific, VEGF-expressing neural stem cell therapy for safe and effective treatment of neuropathic pain. Journal of Controlled Release, 2016, 226, 21-34.	9.9	21
28	Effect of posterior instrumented fusion on three-dimensional volumetric growth of cervical ossification of the posterior longitudinal ligament: a multiple regression analysis. Spine Journal, 2018, 18, 1779-1786.	1.3	21
29	Sequentially induced motor neurons from human fibroblasts facilitate locomotor recovery in a rodent spinal cord injury model. ELife, 2020, 9, .	6.0	21
30	Matched Comparison of Fusion Rates between Hydroxyapatite Demineralized Bone Matrix and Autograft in Lumbar Interbody Fusion. Journal of Korean Neurosurgical Society, 2016, 59, 363.	1.2	20
31	Enhanced Neurite Outgrowth by Intracellular Stimulation. Nano Letters, 2015, 15, 5414-5419.	9.1	19
32	Débridement and Reconstruction Improve Postoperative Sagittal Alignment in Kyphotic Cervical Spinal Tuberculosis. Clinical Orthopaedics and Related Research, 2017, 475, 2084-2091.	1.5	19
33	Parkinson's disease-related non-motor features as risk factors for post-operative delirium in spinal surgery. PLoS ONE, 2018, 13, e0195749.	2.5	19
34	Prevalence and type of cervical deformities among adults with Parkinson's disease: a cross-sectional study. Journal of Neurosurgery: Spine, 2016, 24, 527-534.	1.7	18
35	Prevalence, Incidence, Comorbidity, and Mortality Rates of Ossification of Posterior Longitudinal Ligament in the Cervical Spine: A Nested Case-Control Cohort Study. World Neurosurgery, 2018, 117, e323-e328.	1.3	18
36	The Use of Magnetic Resonance Imaging in Predicting the Clinical Outcome of Spinal Arteriovenous Fistula. Yonsei Medical Journal, 2015, 56, 397.	2.2	17

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37	Effectiveness of deformity-correction surgery for primary degenerative sagittal imbalance: a meta-analysis. Journal of Neurosurgery: Spine, 2017, 27, 540-551.	1.7	17
38	Anatomical variations of vertebral artery and C2 isthmus in atlanto-axial fusion: Consecutive surgical 100 cases. Journal of Clinical Neuroscience, 2018, 53, 147-152.	1.5	17
39	Cervical disc arthroplasty: What we know in 2020 and a literature review. Journal of Orthopaedic Surgery, 2021, 29, 230949902110069.	1.0	17
40	Use of Annular Closure Device (Barricaid $\hat{A}^{@}$) for Preventing Lumbar Disc Reherniation: One-Year Results of Three Cases. Korean Journal of Neurotrauma, 2014, 10, 119.	0.6	16
41	Vertebral Reconstruction with Customized 3-Dimensionalâ^Printed Spine Implant Replacing Large Vertebral Defect with 3-Year Follow-up. World Neurosurgery, 2019, 126, 90-95.	1.3	16
42	Modified Global Alignment and Proportion Scoring With Body Mass Index and Bone Mineral Density Analysis in Global Alignment and Proportion Score of Each 3 Categories for Predicting Mechanical Complications After Adult Spinal Deformity Surgery. Neurospine, 2021, 18, 484-491.	2.9	16
43	Largest neurosurgical social media group and its impact on communication and research. British Journal of Neurosurgery, 2022, 36, 58-62.	0.8	15
44	Clinical Characteristics and Surgical Outcome of Revision Surgery in Patients with Cervical Ossification of the Posterior Longitudinal Ligament. World Neurosurgery, 2016, 90, 164-171.	1.3	14
45	Influence of plate fixation on cervical height and alignment after one- or two-level anterior cervical discectomy and fusion. British Journal of Neurosurgery, 2018, 32, 188-195.	0.8	14
46	Clinical Efficacy and Safety of Trans-Sacral Epiduroscopic Laser Decompression Compared to Percutaneous Epidural Neuroplasty. Pain Research and Management, 2019, 2019, 1-7.	1.8	13
47	Experimental Evaluation of Percutaneous Lumbar Laser Disc Decompression Using a 1414 nm Nd:YAG Laser. Pain Physician, 2015, 18, E1091-9.	0.4	13
48	Effect of Combined Bevacizumab and Temozolomide Treatment on Intramedullary Spinal Cord Tumor. Spine, 2014, 39, E65-E73.	2.0	12
49	Paradoxical Radiographic Changes of Coflex Interspinous Device with Minimum 2-Year Follow-Up in Lumbar Spinal Stenosis. World Neurosurgery, 2016, 85, 177-184.	1.3	12
50	Surgical Management of Gorham-Stout Disease in Cervical Compression Fracture with Cervicothoracic Fusion: Case Report and Review of Literature. World Neurosurgery, 2019, 129, 277-281.	1.3	12
51	Treatment outcomes of radiotherapy for primary spinal cord glioma. Strahlentherapie Und Onkologie, 2019, 195, 164-174.	2.0	12
52	Surgical Outcomes of Dysphagia Provoked by Diffuse Idiopathic Skeletal Hyperostosis in the Cervical Spine. Yonsei Medical Journal, 2020, 61, 341.	2.2	12
53	Characteristics of Cervical Spine Trauma in Patients with Ankylosing Spondylitis and Ossification of the Posterior Longitudinal Ligament. World Neurosurgery, 2016, 96, 202-208.	1.3	11
54	Robot-Assisted Spine Surgery: A Solution for Aging Spine Surgeons. Neurospine, 2018, 15, 187-188.	2.9	11

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55	Clinical and radiological outcomes of multilevel cervical laminoplasty versus three-level anterior cervical discectomy and fusion in patients with cervical spondylotic myelopathy. Quantitative Imaging in Medicine and Surgery, 2020, 10, 2112-2124.	2.0	11
56	SRÎ $\frac{1}{4}$ CT Reveals 3D Microstructural Alterations of the Vascular and Neuronal Network in a Rat Model of Chronic Compressive Thoracic Spinal Cord Injury. , 2020, 11 , 603 .		11
57	Relationship between pulmonary function and bone mineral density in the Korean National Health and Nutrition Examination Survey. Korean Journal of Internal Medicine, 2016, 31, 899-909.	1.7	11
58	Patterns of short-term and long-term surgical outcomes and prognostic factors for cervical ossification of the posterior longitudinal ligament between anterior cervical corpectomy and fusion and posterior laminoplasty. Neurosurgical Review, 2019, 42, 907-913.	2.4	10
59	Peripheral Nerve-Derived Stem Cell Spheroids Induce Functional Recovery and Repair after Spinal Cord Injury in Rodents. International Journal of Molecular Sciences, 2021, 22, 4141.	4.1	10
60	Which Is More Predictive Value for Mechanical Complications: Fixed Thoracolumbar Alignment (T1) Tj ETQq0 C 597-607.	0 0 rgBT /Ov 2.9	erlock 10 Tf 5 10
61	Progression of Coronal Cobb Angle After Short-Segment Lumbar Interbody Fusion in Patients with Degenerative Lumbar Stenosis. World Neurosurgery, 2016, 89, 510-516.	1.3	9
62	Influence of diabetes mellitus on patients with lumbar spinal stenosis: A nationwide population-based study. PLoS ONE, 2019, 14, e0213858.	2.5	9
63	Clinical, Radiographic, and Genetic Analyses in a Population-Based Cohort of Adult Spinal Deformity in the Older Population. Neurospine, 2021, 18, 608-617.	2.9	9
64	Efficacy and Safety of a Thrombin-Containing Collagen-Based Hemostatic Agent in Spinal Surgery: A Randomized Clinical Trial. World Neurosurgery, 2021, 154, e215-e221.	1.3	9
65	Effect of the type of electrical stimulation on spinal fusion in a rat posterolateral spinal fusion model. Spine Journal, 2019, 19, 1106-1120.	1. 3	8
66	Comparison of the effectiveness and safety of bioactive glass ceramic to allograft bone for anterior cervical discectomy and fusion with anterior plate fixation. Neurosurgical Review, 2020, 43, 1423-1430.	2.4	8
67	Surgical Strategies for Cervical Deformities Associated With Neuromuscular Disorders. Neurospine, 2020, 17, 513-524.	2.9	8
68	The modified transforaminal endoscopic technique in treating intracanalicular combining foraminal and/or extraforaminal lumbar disc herniations. Quantitative Imaging in Medicine and Surgery, 2018, 8, 936-945.	2.0	7
69	Evaluating the differences between 1D, 2D, and 3D occupying ratios in reflecting the JOA score in cervical ossification of the posterior longitudinal ligament. Quantitative Imaging in Medicine and Surgery, 2019, 9, 952-959.	2.0	7
70	Prospective Observational Cohort Study of Health-related Quality of Life. Spine, 2019, 44, 1723-1730.	2.0	7
71	Novel Câ€arm based planning spine surgery robot proved in a porcine model and quantitative accuracy assessment methodology. International Journal of Medical Robotics and Computer Assisted Surgery, 2021, 17, e2182.	2.3	7
72	Surgical Strategy for Sacral Tumor Resection. Yonsei Medical Journal, 2021, 62, 59.	2.2	7

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73	Influence of Osteoporosis Following Spine Surgery on Reoperation, Readmission, and Economic Costs: An 8-Year Nationwide Population-Based Study in Korea. World Neurosurgery, 2021, 149, e360-e368.	1.3	7
74	Rosai-Dorfman Disease in Thoracic Spine: A Rare Case of Compression Fracture. Korean Journal of Spine, 2014, 11, 198.	0.9	7
75	Diversity in Surgical Decision Strategies for Adult Spine Deformity Treatment: The Effects of Neurosurgery or Orthopedic Training Background and Surgical Experience. Neurospine, 2018, 15, 353-361.	2.9	7
76	Initial Clinical Outcomes of Minimally Invasive Lateral Lumbar Interbody Fusion in Degenerative Lumbar Disease: A Preliminary Report on the Experience of a Single Institution with 30 Cases. Korean Journal of Spine, 2012, 9, 187.	0.9	6
77	Coronal Multiplane Reconstructed Computed Tomography Image Determining Lateral Vertebral Notch-Referred Pedicle Screw Entry Point in Subaxial Cervical Spine: A Preclinical Study. World Neurosurgery, 2017, 103, 322-329.	1.3	6
78	Postoperative Cervical Sagittal Realignment Improves Patient-Reported Outcomes in Chronic Atlantoaxial Anterior Dislocation. Operative Neurosurgery, 2018, 15, 643-650.	0.8	6
79	Accuracy and Safety of Lateral Vertebral Notch-Referred Technique Used in Subaxial Cervical Pedicle Screw Placement. Operative Neurosurgery, 2019, 17, 52-60.	0.8	6
80	CRISPR-mediated gene correction links the ATP7A M1311V mutations with amyotrophic lateral sclerosis pathogenesis in one individual. Communications Biology, 2020, 3, 33.	4.4	6
81	Cost-Effectiveness Analysis of Cervical Anterior Fusion and Cervical Artificial Disc Replacement in the Korean Medical System. Journal of Korean Neurosurgical Society, 2019, 62, 83-89.	1.2	6
82	Independent Correlation of the C1–2 Cobb Angle With Patient-Reported Outcomes After Correcting Chronic Atlantoaxial Instability. Neurospine, 2019, 16, 267-276.	2.9	6
83	Extensor muscle-preserving laminectomy in treating multilevel cervical spondylotic myelopathy compared with laminoplasty. Annals of Translational Medicine, 2019, 7, 472-472.	1.7	6
84	Laminectomy with instrumented fusion vs. laminoplasty in the surgical treatment of cervical ossification of the posterior longitudinal ligament: A multicenter retrospective study. Journal of Clinical Neuroscience, 2021, 94, 271-280.	1.5	6
85	FUSE-ML: development and external validation of a clinical prediction model for mid-term outcomes after lumbar spinal fusion for degenerative disease. European Spine Journal, 2022, 31, 2629-2638.	2.2	6
86	Postoperative spinal deformity and instability after cervical spinal cord tumor resection in adults: A systematic review and meta-analysis. Journal of Clinical Neuroscience, 2022, 100, 148-154.	1,5	6
87	Automated Pressure-Controlled Discography in Patients Undergoing Anterior Lumbar Interbody Fusion for Discogenic Back Pain. World Neurosurgery, 2017, 97, 8-15.	1.3	5
88	Analysis of Risk Factors Associated with Hospital Readmission Within 360 Days After Degenerative Lumbar Spine Surgery in Elderly Patients. World Neurosurgery, 2019, 126, e196-e207.	1.3	5
89	Prediction of angular kyphosis after cervical laminoplasty using radiologic measurements. Journal of Clinical Neuroscience, 2021, 85, 13-19.	1.5	5
90	Preoperative Cognitive Impairment as a Predictor of Postoperative Outcomes in Elderly Patients Undergoing Spinal Surgery for Degenerative Spinal Disease. Journal of Clinical Medicine, 2021, 10, 1385.	2.4	5

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91	Prevalence of Neuropathic Pain and Patient-Reported Outcomes in Korean Adults with Chronic Low Back Pain Resulting from Neuropathic Low Back Pain. Asian Spine Journal, 2017, 11, 917-927.	2.0	5
92	Randomized Controlled Study of Percutaneous Epidural Neuroplasty Using Racz Catheter and Epidural Steroid Injection in Cervical Disc Disease. Pain Physician, 2016, 19, 39-48.	0.4	5
93	A Gene and Neural Stem Cell Therapy Platform Based on Neuronal Cell Type-Inducible Gene Overexpression. Yonsei Medical Journal, 2015, 56, 1036.	2.2	4
94	An optimal cortical bone trajectory technique to prevent early surgical complications. British Journal of Neurosurgery, 2020, , 1-7.	0.8	4
95	Association of Frailty and Self-Care Activity With Sagittal Spinopelvic Alignment in theÂElderly. World Neurosurgery, 2020, 138, e759-e766.	1.3	4
96	A Prospective, Multi-Center, Double-Blind, Randomized Study to Evaluate the Efficacy and Safety of the Synthetic Bone Graft Material DBM Gel with rhBMP-2 versus DBM Gel Used during the TLIF Procedure in Patients with Lumbar Disc Disease. Journal of Korean Neurosurgical Society, 2021, 64, 562-574.	1.2	4
97	Preoperative Radiological Parameters to Predict Clinical and Radiological Outcomes after Laminoplasty. Journal of Korean Neurosurgical Society, 2021, 64, 677-692.	1.2	4
98	Clinical Prediction Modeling in Intramedullary Spinal Tumor Surgery. Acta Neurochirurgica Supplementum, 2022, 134, 333-339.	1.0	4
99	Three Cases of Spine Fractures after an Airplane Crash. Korean Journal of Neurotrauma, 2015, 11, 195.	0.6	3
100	Clinical Outcomes of Correcting Cervical Deformity in Cerebral Palsy Patients. World Neurosurgery, 2016, 96, 500-509.	1.3	3
101	The combination of forskolin and VPA increases gene expression efficiency to the hypoxia/neuron-specific system. Annals of Translational Medicine, 2020, 8, 933-933.	1.7	3
102	Comparison of Cervical Alignment and Clinical Outcomes in Patients with Os Odontoideum versus Non-Os Odontoideum after Atlantoaxial Fixation. Korean Journal of Spine, 2017, 14, 143-147.	0.9	3
103	Finite Element Analysis of the Effect of Epidural Adhesions. Pain Physician, 2016, 19, E787-93.	0.4	3
104	Malignant gliomas can be converted to non‑proliferating glial cells by treatment with a combination of small molecules. Oncology Reports, 2019, 41, 361-368.	2.6	2
105	Injecting NMDA and Ro 25â€6981 in insular cortex induce neuroplastic changes and neuropathic painâ€like behaviour. European Journal of Pain, 2018, 22, 1691-1700.	2.8	2
106	Natural history and aggravating factors of sagittal imbalance in marked sagittal deformity compared with mild to moderate sagittal deformity. Medicine (United States), 2020, 99, e19551.	1.0	2
107	Predictors of neurologic outcome after surgery for cervical ossification of the posterior longitudinal ligament differ based on myelopathy severity: a multicenter study. Journal of Neurosurgery: Spine, 2021, 34, 749-758.	1.7	2
108	Association of frailty with regional sagittal spinal alignment in the elderly. Journal of Clinical Neuroscience, 2022, 96, 172-179.	1.5	2

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109	Radiological Changes in Adjacent and Index Levels after Cervical Disc Arthroplasty. Yonsei Medical Journal, 2022, 63, 72.	2.2	2
110	Introduction. Adult spinal deformity. Neurosurgical Focus, 2017, 43, E1.	2.3	1
111	Factors Affecting Postoperative Complications and Outcomes of Cervical Spondylotic Myelopathy with Cerebral Palsy: A Retrospective Analysis. Journal of Korean Neurosurgical Society, 2021, 64, 808-817.	1.2	1
112	Compression Angle of Ossification of the Posterior Longitudinal Ligament and Its Clinical Significance in Cervical Myelopathy. Journal of Korean Neurosurgical Society, 2016, 59, 471.	1.2	1
113	Accurate Localization of Metal Electrodes Using Magnetic Resonance Imaging. Journal of the Korean Society of Magnetic Resonance in Medicine, 2011, 15, 11.	0.1	1
114	Korean Journal of Spine, the Long History of Archives of Spine Academia and the Beginning of a New Era. Korean Journal of Spine, 2017, 14, 125-125.	0.9	1
115	Neurospine: Harmonious Launch of a New Intellectual Odyssey. Neurospine, 2018, 15, 1-2.	2.9	1
116	Feasibility of a Modified E-PASS and POSSUM System for Postoperative Risk Assessment in Patients with Spinal Disease. World Neurosurgery, 2018, 112, e95-e102.	1.3	0
117	Combined Method of Neuronal Cell-Inducible Vector and Valproic Acid for Enhanced Gene Expression under Hypoxic Conditions. Tissue Engineering and Regenerative Medicine, 2020, 17, 55-66.	3.7	O
118	Feasibility of the Epiduroscopy Simulator as a Training Tool: A Pilot Study. Pain Research and Management, 2020, 2020, 1-6.	1.8	0
119	Comparison of the Outcomes after Intralesional, Intracisternal, and Intravenous Transplantation of Human Bone Marrow Derived Mesenchymal Stem Cells for Spinal Cord Injured Rat. Korean Journal of Spine, 2011, 8, 88.	0.9	0
120	War, Peace, and Neurospine. Neurospine, 2018, 15, 109-110.	2.9	0
121	Hack your Neurospine !. Neurospine, 2018, 15, 283-284.	2.9	O
122	Combination Therapy by Tissue-Specific Suicide Gene and Bevacizumab in Intramedullary Spinal Cord Tumor. Yonsei Medical Journal, 2020, 61, 1042.	2.2	0
123	Feasibility of Percutaneous Robot-Assisted Epiduroscopic System. Pain Physician, 2018, 21, E565-E571.	0.4	0
124	Scientific Achievements of Our Era: "Making the Lame Walk― Neurospine, 2022, 19, 246-248.	2.9	0