## Daniel L Cooke

List of Publications by Year in descending order

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361413 454955 1,575 127 20 30 citations h-index g-index papers 128 128 128 1648 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	Spatially resolved transcriptomics for evaluation of intracranial vessels in a rabbit model: Proof of concept. Interventional Neuroradiology, 2023, 29, 307-314.	1.1	O
2	Evaluation of time-resolved whole brain flat panel detector perfusion imaging using RAPID ANGIO in patients with acute stroke: comparison with CT perfusion imaging. Journal of NeuroInterventional Surgery, 2023, 15, 387-392.	3.3	7
3	Endovascular treatment strategy, technique, and outcomes for dural arteriovenous fistulas of the marginal sinus region. Journal of NeuroInterventional Surgery, 2022, 14, 155-159.	3.3	3
4	Robotics for neuroendovascular intervention: Background and primer. Neuroradiology Journal, 2022, 35, 25-35.	1.2	3
5	How to iGuide: flat panel detector, CT-assisted, minimally invasive evacuation of intracranial hematomas. Journal of NeuroInterventional Surgery, 2022, 14, 522-526.	3.3	1
6	A single-cell atlas of the normal and malformed human brain vasculature. Science, 2022, 375, eabi7377.	12.6	129
7	Transvenous Approaches to the Vertebralâ€Venous Plexus for Endovascular Treatment of Cervical Epidural Arteriovenous Fistulas: Anatomy and Technique. , 2022, 2, .		2
8	Abstract WP99: One-stop Stroke Mangement: Core And Hypoperfusion Maps From Multiphase Flat-panel Ct. Stroke, 2022, 53, .	2.0	0
9	Abstract 128: Evaluation Of Flat Panel Detector Whole Brain Perfusion Imaging In Acute Stroke Patients: Comparison With Computer Tomography Perfusion Imaging. Stroke, 2022, 53, .	2.0	O
10	Anterior Inferior Cerebellar Artery Aneurysm Mimicking a Vestibular Schwannoma. Cureus, 2022, 14, e21807.	0.5	1
11	Endoluminal Biopsy for Molecular Profiling of Human Brain Vascular Malformations. Neurology, 2022, 98, .	1.1	16
12	Validation of the Ruptured Arteriovenous Malformation Grading Scale in a pediatric cohort. Journal of Neurosurgery: Pediatrics, 2022, 29, 575-579.	1.3	2
13	Characteristics of a COVID-19 Cohort With Large Vessel Occlusion: A Multicenter International Study. Neurosurgery, 2022, 90, 725-733.	1.1	16
14	Endovascular treatment in the multimodality management of brain arteriovenous malformations: report of the Society of NeuroInterventional Surgery Standards and Guidelines Committee. Journal of NeuroInterventional Surgery, 2022, 14, 1118-1124.	3.3	20
15	Endovascular Therapy for Intracranial Giant Cell Arteritis. Clinical Neuroradiology, 2022, , 1.	1.9	4
16	Geometric and Morphologic Features of Ruptured Intracranial Aneurysms Associated with Methamphetamine Use. World Neurosurgery, 2022, , .	1.3	1
17	Pharyngo-tympano-stapedial middle meningeal artery variant supply to a falcotentorial dural arteriovenous fistula. Journal of NeuroInterventional Surgery, 2022, , neurintsurg-2022-018817.	3.3	O
18	Machine learning for predicting hemorrhage in pediatric patients with brain arteriovenous malformation. Journal of Neurosurgery: Pediatrics, 2022, 30, 203-209.	1.3	5

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19	Endovascular Biopsy for Detection of Somatic Mosaicism in Human Fusiform Cerebral Aneurysms. , 2022, 2, .		O
20	Controversies and Advances in Adult Intracranial Bypass Surgery in 2020. Operative Neurosurgery, 2021, 20, 1-7.	0.8	22
21	Virtual 2D angiography from four-dimensional digital subtraction angiography (4D-DSA): A feasibility study. Interventional Neuroradiology, 2021, 27, 307-313.	1.1	6
22	Vascular anomalies: Classification and management. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2021, 176, 345-360.	1.8	3
23	Cerebral arteriovenous fistulae. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2021, 176, 179-198.	1.8	3
24	Brain arteriovenous malformations. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2021, 176, 171-178.	1.8	19
25	Comparing Occlusive Balloon Performance Using 3-Dimensional Printed Models of Intracranial Aneurysmal Defects. World Neurosurgery, 2021, 146, e888-e895.	1.3	1
26	Computed tomography perfusion abnormalities after carotid endarterectomy help in the diagnosis of reversible cerebral vasoconstriction syndrome. Journal of Vascular Surgery Cases and Innovative Techniques, 2021, 7, 171-175.	0.6	3
27	Spetzler-Martin Grade III Arteriovenous Malformations: A Multicenter Propensity-Adjusted Analysis of the Effects of Preoperative Embolization. Neurosurgery, 2021, 88, 996-1002.	1.1	22
28	Segmental overgrowth and aneurysms due to mosaic PDGFRB p.(Tyr562Cys). American Journal of Medical Genetics, Part A, 2021, 185, 1430-1436.	1.2	7
29	Form and Function in Intracranial Neurovascular Stents: A Historical Perspective and State-of-the-Art Clinical Review for the Noninterventionalist. Neurographics, 2021, 11, 96-110.	0.1	1
30	Abstract P42: Genetic Variants Associated With Vasospasm Following Aneurysmal Subarachnoid Hemorrhage. Stroke, 2021, 52, .	2.0	0
31	Proof-of-concept single-arm trial of bevacizumab therapy for brain arteriovenous malformation. BMJ Neurology Open, 2021, 3, e000114.	1.6	9
32	Combined Use of X-ray Angiography and Intraprocedural MRI Enables Tissue-based Decision Making Regarding Revascularization during Acute Ischemic Stroke Intervention. Radiology, 2021, 299, 167-176.	7.3	6
33	Dural Arteriovenous Fistulas of the Foramen Magnum Region: Clinical Features and Angioarchitectural Phenotypes. American Journal of Neuroradiology, 2021, 42, 1486-1491.	2.4	20
34	Neurological manifestations of polyarteritis nodosa: a tour of the neuroaxis by case series. BMC Neurology, 2021, 21, 205.	1.8	3
35	Reply:. American Journal of Neuroradiology, 2021, 42, E58-E59.	2.4	0
36	Review of treatment and therapeutic targets in brain arteriovenous malformation. Journal of Cerebral Blood Flow and Metabolism, 2021, 41, 3141-3156.	4.3	18

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37	Intrasaccular flow disruption (WEB) of a large wide-necked basilar apex aneurysm using PulseRider-assistance. Interdisciplinary Neurosurgery: Advanced Techniques and Case Management, 2021, 24, 101072.	0.3	4
38	The Geometry of Y-Stent Configurations Used for Wide-Necked Aneurysm Treatment: Analyzing Double-Barrel Stents InÂVitro Using Flat-Panel Computed Tomography. World Neurosurgery, 2021, 151, e363-e371.	1.3	2
39	Angiographic Evidence of Response to Trametinib Therapy for a Spinal Cord Arteriovenous Malformation. Journal of Vascular Anomalies, 2021, 2, e018.	0.3	4
40	Presence of Vessel Wall Hyperintensity in Unruptured Arteriovenous Malformations on Vessel Wall Magnetic Resonance Imaging: Pilot Study of AVM Vessel Wall "Enhancement― Frontiers in Neuroscience, 2021, 15, 697432.	2.8	4
41	Safety and efficacy results of the Flow Redirection Endoluminal Device (FRED) stent system in the treatment of intracranial aneurysms: US pivotal trial. Journal of NeuroInterventional Surgery, 2021, , neurintsurg-2021-017469.	3.3	8
42	Radial artery access anatomy: considerations for neuroendovascular procedures. Journal of NeuroInterventional Surgery, 2021, 13, 1139-1144.	3.3	17
43	Factors associated with seizures at initial presentation in pediatric patients with cerebral arteriovenous malformations. Journal of Neurosurgery: Pediatrics, 2021, 28, 663-668.	1.3	3
44	Endovascular Biopsy of Vertebrobasilar Aneurysm in Patient With Polyarteritis Nodosa. Frontiers in Neurology, 2021, 12, 697105.	2.4	9
45	A New Era of Extended Time Window Acute Stroke Interventions Guided by Imaging. Neurohospitalist, The, 2020, 10, 29-37.	0.8	6
46	Cost determinants in management of brain arteriovenous malformations. Acta Neurochirurgica, 2020, 162, 169-173.	1.7	6
47	The Expanding Cell Diversity of the Brain Vasculature. Frontiers in Physiology, 2020, 11, 600767.	2.8	35
48	Recent Administration of Iodinated Contrast Renders Core Infarct Estimation Inaccurate Using RAPID Software. American Journal of Neuroradiology, 2020, 41, 2235-2242.	2.4	12
49	Brain Arteriovenous Malformation Recurrence After Apparent Microsurgical Cure. Stroke, 2020, 51, 2990-2996.	2.0	28
50	Interrater Reliability in the Measurement of Flow Characteristics on Color-Coded Quantitative DSA of Brain AVMs. American Journal of Neuroradiology, 2020, 41, 2303-2310.	2.4	11
51	Comparison of MRI, MRA, and DSA for Detection of Cerebral Arteriovenous Malformations in Hereditary Hemorrhagic Telangiectasia. American Journal of Neuroradiology, 2020, 41, 969-975.	2.4	9
52	High-Flow Vascular Malformations in Children. Seminars in Neurology, 2020, 40, 303-314.	1.4	7
53	Concurrent presentation of brain arteriovenous malformation, peripheral arteriovenous malformation, and cerebellar astrocytoma: Case report. Interdisciplinary Neurosurgery: Advanced Techniques and Case Management, 2020, 20, 100689.	0.3	0
54	The effect of preoperative embolization and flow dynamics on resection of brain arteriovenous malformations. Journal of Neurosurgery, 2020, 132, 1836-1844.	1.6	19

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55	Early postmarket results with PulseRider for treatment of wide-necked intracranial aneurysms: a multicenter experience. Journal of Neurosurgery, 2020, 133, 1756-1765.	1.6	17
56	Impact of Aortic Arch Anatomy on Technical Performance and Clinical Outcomes in Patients with Acute Ischemic Stroke. American Journal of Neuroradiology, 2020, 41, 268-273.	2.4	25
57	Risk factors for hemorrhage of brain arteriovenous malformation. CNS Neuroscience and Therapeutics, 2019, 25, 1085-1095.	3.9	39
58	Assessment of cell yield among different devices for endovascular biopsy to harvest vascular endothelial cells. BioTechniques, 2019, 66, 34-36.	1.8	4
59	Relationship of clinical presentation and angiographic findings in patients with indirect cavernous carotid fistulae. Journal of NeuroInterventional Surgery, 2019, 11, 937-939.	3.3	8
60	Association Between Flat-Panel Computed Tomographic Imaging–Guided Place-Pitch Mapping and Speech and Pitch Perception in Cochlear Implant Users. JAMA Otolaryngology - Head and Neck Surgery, 2019, 145, 109.	2.2	27
61	Long-Term Outcomes of Endovascular Treatment of Indirect Carotid Cavernous Fistulae: Superior Efficacy, Safety, and Durability of Transvenous Coiling Over Other Techniques. Neurosurgery, 2019, 85, E94-E100.	1.1	39
62	Frequency and characteristics associated with inherited thrombophilia in patients with intracranial dural arteriovenous fistula. Journal of Neurosurgery, 2019, 130, 1346-1350.	1.6	9
63	Abstract WP23: Impact of Aortic Arch Anatomy on Technical Performance and Clinical Outcomes in Acute Ischemic Stroke Patients. Stroke, 2019, 50, .	2.0	0
64	Accuracy of image-guided percutaneous injection into a phantom spinal cord utilizing flat panel detector CT with MR fusion and integrated navigational software. Journal of NeuroInterventional Surgery, 2018, 10, e37-e37.	3.3	0
65	Improved procedural safety following protocol changes for selective ophthalmic arterial infusion of chemotherapy for treatment of ocular retinoblastoma. Interventional Neuroradiology, 2018, 24, 345-350.	1.1	10
66	Predictors of intracranial hemorrhage volume and distribution in brain arteriovenous malformation. Interventional Neuroradiology, 2018, 24, 183-188.	1.1	6
67	Estimation of intra-arterial chemotherapy distribution to the retina in pediatric retinoblastoma patients using quantitative digital subtraction angiography. Interventional Neuroradiology, 2018, 24, 214-219.	1.1	6
68	Republished: Flanking the fenestration: circumferential limb-to-limb stent-assisted coiling of a basilar artery fenestration aneurysm. Journal of NeuroInterventional Surgery, 2018, 10, e12-e12.	3.3	9
69	Targeted Embolization of Aneurysms Associated With Brain Arteriovenous Malformations at High Risk for Surgical Resection: A Case-Control Study. Neurosurgery, 2018, 82, 343-349.	1.1	14
70	Endovascular Biopsy: In Vivo Cerebral Aneurysm Endothelial Cell Sampling and Gene Expression Analysis. Translational Stroke Research, 2018, 9, 20-33.	4.2	32
71	Early Hemodynamic Changes Based on Initial Color-Coding Angiography as a Predictor for Developing Subsequent Symptomatic Vasospasm After Aneurysmal Subarachnoid Hemorrhage. World Neurosurgery, 2018, 109, e363-e373.	1.3	13
72	Improving mechanical thrombectomy time metrics in the angiography suite: Stroke cart, parallel workflows, and conscious sedation. Interventional Neuroradiology, 2018, 24, 168-177.	1.1	12

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73	Single-cell RNA sequencing reveals gene expression signatures of breast cancer-associated endothelial cells. Oncotarget, 2018, 9, 10945-10961.	1.8	45
74	Endovascular Biopsy and Endothelial Cell Gene Expression Analysis of Dialysis Arteriovenous Fistulas: AÂFeasibility Study. Journal of Vascular and Interventional Radiology, 2018, 29, 1403-1409.e2.	0.5	6
75	Treatment of Arteriovenous Malformations with Cyanoacrylate. , 2018, , 335-354.		0
76	Dural Fistula. , 2018, , 191-248.		0
77	Delayed Venous Drainage in Ruptured Arteriovenous Malformations Based on Quantitative Color-Coded Digital Subtraction Angiography. World Neurosurgery, 2017, 104, 619-627.	1.3	26
78	Tips and tricks to optimize MRI protocols for cutaneous vascular anomalies. Clinical Imaging, 2017, 45, 71-80.	1.5	20
79	Pial Artery Supply as an Anatomic Risk Factor for Ischemic Stroke in the Treatment of Intracranial Dural Arteriovenous Fistulas. American Journal of Neuroradiology, 2017, 38, 2315-2320.	2.4	22
80	Diffusion-weighted imaging for cutaneous vascular anomalies. Clinical Imaging, 2017, 46, 121-122.	1.5	4
81	Higher Flow Is Present in Unruptured Arteriovenous Malformations With Silent Intralesional Microhemorrhages. Stroke, 2017, 48, 2881-2884.	2.0	35
82	Teaching Neuro <i>Images</i> : Artery of Percheron aneurysm masquerading as ICH spot sign. Neurology, 2017, 89, e64-e65.	1.1	4
83	Interventional magnetic resonance imaging guided carotid embolectomy using a novel resonant marker catheter: demonstration of preclinical feasibility. Biomedical Microdevices, 2017, 19, 88.	2.8	8
84	Design of catheter radio frequency coils using coaxial transmission line resonators for interventional neurovascular MR imaging. Quantitative Imaging in Medicine and Surgery, 2017, 7, 187-194.	2.0	7
85	Flanking the fenestration: circumferential limb-to-limb stent-assisted coiling of a basilar artery fenestration aneurysm. BMJ Case Reports, 2017, 2017, bcr-2017-013252.	0.5	1
86	Technical factors affecting outcomes following endovascular treatment of posterior circulation atherosclerotic lesions., 2017, 8, 284.		3
87	Abstract 120: Radiocarbon Birth Dating of Cerebral Arteriovenous Malformations. Stroke, 2017, 48, .	2.0	0
88	Abstract 198: Endovascular Biopsy: <i>in vivo</i> Brain Aneurysm Endothelial Cell Sampling and Gene Expression Analysis. Stroke, 2017, 48, .	2.0	0
89	Abstract TP446: Predictors of Hemorrhagic Severity in Arteriovenous Malformation Patients. Stroke, 2017, 48, .	2.0	0
90	Abstract TP445: Bevacizumab Therapy for Brain Arteriovenous Malformations. Stroke, 2017, 48, .	2.0	0

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91	Endovascular MR-guided Renal Embolization by Using a Magnetically Assisted Remote-controlled Catheter System. Radiology, 2016, 281, 219-228.	7.3	11
92	Pediatric intracranial dural arteriovenous fistulas: age-related differences in clinical features, angioarchitecture, and treatment outcomes. Journal of Neurosurgery: Pediatrics, 2016, 18, 602-610.	1.3	36
93	Less can be more: Targeted embolization of aneurysms associated with arteriovenous malformations unsuitable for surgical resection. Interventional Neuroradiology, 2016, 22, 445-451.	1.1	23
94	Accuracy of flat panel detector CT with integrated navigational software with and without MR fusion for single-pass needle placement. Journal of NeuroInterventional Surgery, 2016, 8, 731-735.	3.3	3
95	Laser-assisted flat-detector CT-guided intracranial access. International Journal of Computer Assisted Radiology and Surgery, 2016, 11, 467-472.	2.8	3
96	Superselective Intra-Arterial Ethanol Sclerotherapy of Feeding Artery and Nidal Aneurysms in Ruptured Cerebral Arteriovenous Malformations. American Journal of Neuroradiology, 2016, 37, 692-697.	2.4	19
97	Onyx embolization of an intraosseous pseudoaneurysm of the middle meningeal artery in a patient with meningiomatosis, McCune-Albright syndrome, and gray platelet syndrome. Journal of Neurosurgery: Pediatrics, 2016, 17, 324-329.	1.3	7
98	Spontaneous retroclival hematoma: a case series. Journal of Neurosurgery, 2016, 124, 716-719.	1.6	13
99	Lesion location, stability, and pretreatment management: factors affecting outcomes of endovascular treatment for vertebrobasilar atherosclerosis. Journal of NeuroInterventional Surgery, 2016, 8, 466-470.	3.3	11
100	Intra-Arterial MR Perfusion Imaging of Meningiomas: Comparison to Digital Subtraction Angiography and Intravenous MR Perfusion Imaging. PLoS ONE, 2016, 11, e0163554.	2.5	4
101	Abstract TP311: Multidisciplinary Stroke Simulation: Novel Team Based Approach to Decrease Door-to-Needle Times. Stroke, 2016, 47, .	2.0	0
102	Endovascular biopsy: Strategy for analyzing gene expression profiles of individual endothelial cells obtained from human vessels. Biotechnology Reports (Amsterdam, Netherlands), 2015, 7, 157-165.	4.4	11
103	Endovascular biopsy: Technical feasibility of novel endothelial cell harvesting devices assessed in a rabbit aneurysm model. Interventional Neuroradiology, 2015, 21, 120-128.	1.1	12
104	Extent of collateralization predicting symptomatic cerebral vasospasm among pediatric patients: correlations among angiography, transcranial Doppler ultrasonography, and clinical findings. Journal of Neurosurgery: Pediatrics, 2015, 15, 282-290.	1.3	29
105	New-Generation Laser-lithographed Dual-Axis Magnetically Assisted Remote-controlled Endovascular Catheter for Interventional MR Imaging: In Vitro Multiplanar Navigation at 1.5 T and 3 T versus X-ray Fluoroscopy. Radiology, 2015, 277, 842-852.	7.3	20
106	Radiological and clinical features of vein of Galen malformations. Journal of NeuroInterventional Surgery, 2015, 7, 443-448.	3.3	41
107	Endovascular Biopsy: Technical Feasibility of Novel Endothelial Cell Harvesting Devices Assessed in a Rabbit Aneurysm Model. Interventional Neuroradiology, 2015, .	1.1	0
108	Endovascular biopsy: Technical feasibility of novel endothelial cell harvesting devices assessed in a rabbit aneurysm model. Interventional Neuroradiology, 2015, 21, 120-128.	1.1	1

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109	Aneurysm of the Posterior Meningeal Artery Embedded Within a Dorsal Exophytic Medullary Hemangioblastoma: Surgical Management and Review of Literature. Journal of Cerebrovascular and Endovascular Neurosurgery, 2014, 16, 293.	0.5	3
110	Cerebral arteriopathy associated with Arg179His ACTA2 mutation. Journal of NeuroInterventional Surgery, 2014, 6, e46-e46.	3.3	16
111	Cerebral Arterial Fenestrations. Interventional Neuroradiology, 2014, 20, 261-274.	1.1	55
112	Contrast Staining on CT after DSA in Ischemic Stroke Patients Progresses to Infarction and Rarely Hemorrhages. Interventional Neuroradiology, 2014, 20, 106-115.	1.1	31
113	Comparing deflection measurements of a magnetically steerable catheter using optical imaging and MRI. Medical Physics, 2014, 41, 022305.	3.0	14
114	Current trends in endovascular management of traumatic cerebrovascular injury. Journal of NeuroInterventional Surgery, 2014, 6, 47-50.	3.3	36
115	Radiation dose reduction in intra-arterial chemotherapy infusion for intraocular retinoblastoma. Journal of NeuroInterventional Surgery, 2014, 6, 785-789.	3.3	15
116	Endothelial cell high-enrichment from endovascular biopsy sample by laser capture microdissection and fluorescence activated cell sorting. Journal of Biotechnology, 2014, 192, 34-39.	3.8	14
117	Brain Arteriovenous Malformations: Evidence-Based Diagnosis and Treatment. , 2013, , 207-237.		0
118	Serial angiographic appearance of segmental arterial mediolysis manifesting as vertebral, internal mammary and intra-abdominal visceral artery aneurysms in a patient presenting with subarachnoid hemorrhage and review of the literature. Journal of NeuroInterventional Surgery, 2013, 5, 478-482.	3.3	18
119	Superselective intra-arterial melphalan therapy for newly diagnosed and refractory retinoblastoma: results from a single institution. Clinical Ophthalmology, 2013, 7, 981.	1.8	58
120	Endovascular Biopsy: Evaluating the Feasibility of Harvesting Endothelial Cells Using Detachable Coils. Interventional Neuroradiology, 2013, 19, 399-408.	1.1	15
121	Abstract WP24: Improvement In Collateral Score And Level Of Occlusion Are Early Angiographic Indicators Of The Degree of Infarction In Acute Ischemic Stroke. Stroke, 2013, 44, .	2.0	0
122	Transvenous embolization of a pediatric pial arteriovenous fistula. Journal of NeuroInterventional Surgery, 2012, 4, e14-e14.	3.3	29
123	Zygomatico-orbital intra-arterial melphalan infusion for intraocular retinoblastoma. Journal of NeuroInterventional Surgery, 2012, 4, e16-e16.	3.3	11
124	Semiquantitative software SPECT analysis in aneurysmal subarachnoid hemorrhage-related vasospasm. Nuclear Medicine Communications, 2010, 31, 53-58.	1.1	10
125	Does treatment modality affect vasospasm distribution in aneurysmal subarachnoid hemorrhage: differential use of intra-arterial interventions for cerebral vasospasm in surgical clipping and endovascular coiling populations. Journal of NeuroInterventional Surgery, 2010, 2, 139-144.	3.3	4
126	Intraorbital access using fluoroscopic flat panel detector CT navigation and three-dimensional MRI overlay. Journal of NeuroInterventional Surgery, 2010, 2, 249-251.	3.3	14

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127	Flanking the fenestration: circumferential limb-to-limb stent-assisted coiling of a basilar artery fenestration aneurysm. BMJ Case Reports, 0, , bcr-2017-013252.	0.5	0