## 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	A single-cell atlas of the normal and malformed human brain vasculature. Science, 2022, 375, eabi7377.	12.6	129
2	Superselective intra-arterial melphalan therapy for newly diagnosed and refractory retinoblastoma: results from a single institution. Clinical Ophthalmology, 2013, 7, 981.	1.8	58
3	Cerebral Arterial Fenestrations. Interventional Neuroradiology, 2014, 20, 261-274.	1.1	55
4	Single-cell RNA sequencing reveals gene expression signatures of breast cancer-associated endothelial cells. Oncotarget, 2018, 9, 10945-10961.	1.8	45
5	Radiological and clinical features of vein of Galen malformations. Journal of NeuroInterventional Surgery, 2015, 7, 443-448.	3.3	41
6	Risk factors for hemorrhage of brain arteriovenous malformation. CNS Neuroscience and Therapeutics, 2019, 25, 1085-1095.	3.9	39
7	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
8	Current trends in endovascular management of traumatic cerebrovascular injury. Journal of NeuroInterventional Surgery, 2014, 6, 47-50.	3.3	36
9	Pediatric intracranial dural arteriovenous fistulas: age-related differences in clinical features, and treatment outcomes. Journal of Neurosurgery: Pediatrics, 2016, 18, 602-610.	1.3	36
10	Higher Flow Is Present in Unruptured Arteriovenous Malformations With Silent Intralesional Microhemorrhages. Stroke, 2017, 48, 2881-2884.	2.0	35
11	The Expanding Cell Diversity of the Brain Vasculature. Frontiers in Physiology, 2020, 11, 600767.	2.8	35
12	Endovascular Biopsy: In Vivo Cerebral Aneurysm Endothelial Cell Sampling and Gene Expression Analysis. Translational Stroke Research, 2018, 9, 20-33.	4.2	32
13	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
14	Transvenous embolization of a pediatric pial arteriovenous fistula. Journal of NeuroInterventional Surgery, 2012, 4, e14-e14.	3.3	29
15	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
16	Brain Arteriovenous Malformation Recurrence After Apparent Microsurgical Cure. Stroke, 2020, 51, 2990-2996.	2.0	28
17	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
18	Delayed Venous Drainage in Ruptured Arteriovenous Malformations Based on Quantitative Color-Coded Digital Subtraction Angiography. World Neurosurgery, 2017, 104, 619-627.	1.3	26

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19	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
20	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
21	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
22	Controversies and Advances in Adult Intracranial Bypass Surgery in 2020. Operative Neurosurgery, 2021, 20, 1-7.	0.8	22
23	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
24	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
25	Tips and tricks to optimize MRI protocols for cutaneous vascular anomalies. Clinical Imaging, 2017, 45, 71-80.	1.5	20
26	Dural Arteriovenous Fistulas of the Foramen Magnum Region: Clinical Features and Angioarchitectural Phenotypes. American Journal of Neuroradiology, 2021, 42, 1486-1491.	2.4	20
27	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
28	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
29	Brain arteriovenous malformations. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2021, 176, 171-178.	1.8	19
30	The effect of preoperative embolization and flow dynamics on resection of brain arteriovenous malformations. Journal of Neurosurgery, 2020, 132, 1836-1844.	1.6	19
31	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
32	Review of treatment and therapeutic targets in brain arteriovenous malformation. Journal of Cerebral Blood Flow and Metabolism, 2021, 41, 3141-3156.	4.3	18
33	Radial artery access anatomy: considerations for neuroendovascular procedures. Journal of NeuroInterventional Surgery, 2021, 13, 1139-1144.	3 <b>.</b> 3	17
34	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
35	Cerebral arteriopathy associated with Arg179His ACTA2 mutation. Journal of NeuroInterventional Surgery, 2014, 6, e46-e46.	3.3	16
36	Endoluminal Biopsy for Molecular Profiling of Human Brain Vascular Malformations. Neurology, 2022, 98, .	1.1	16

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37	Characteristics of a COVID-19 Cohort With Large Vessel Occlusion: A Multicenter International Study. Neurosurgery, 2022, 90, 725-733.	1.1	16
38	Endovascular Biopsy: Evaluating the Feasibility of Harvesting Endothelial Cells Using Detachable Coils. Interventional Neuroradiology, 2013, 19, 399-408.	1.1	15
39	Radiation dose reduction in intra-arterial chemotherapy infusion for intraocular retinoblastoma. Journal of NeuroInterventional Surgery, 2014, 6, 785-789.	3.3	15
40	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
41	Comparing deflection measurements of a magnetically steerable catheter using optical imaging and MRI. Medical Physics, 2014, 41, 022305.	3.0	14
42	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
43	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
44	Spontaneous retroclival hematoma: a case series. Journal of Neurosurgery, 2016, 124, 716-719.	1.6	13
45	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
46	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
47	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
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	Zygomatico-orbital intra-arterial melphalan infusion for intraocular retinoblastoma. Journal of NeuroInterventional Surgery, 2012, 4, e16-e16.	3.3	11
50	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
51	Endovascular MR-guided Renal Embolization by Using a Magnetically Assisted Remote-controlled Catheter System. Radiology, 2016, 281, 219-228.	7.3	11
52	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
53	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
54	Semiquantitative software SPECT analysis in aneurysmal subarachnoid hemorrhage-related vasospasm. Nuclear Medicine Communications, 2010, 31, 53-58.	1.1	10

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55	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
56	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
57	Frequency and characteristics associated with inherited thrombophilia in patients with intracranial dural arteriovenous fistula. Journal of Neurosurgery, 2019, 130, 1346-1350.	1.6	9
58	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
59	Proof-of-concept single-arm trial of bevacizumab therapy for brain arteriovenous malformation. BMJ Neurology Open, 2021, 3, e000114.	1.6	9
60	Endovascular Biopsy of Vertebrobasilar Aneurysm in Patient With Polyarteritis Nodosa. Frontiers in Neurology, 2021, 12, 697105.	2.4	9
61	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
62	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
63	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
64	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
65	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
66	High-Flow Vascular Malformations in Children. Seminars in Neurology, 2020, 40, 303-314.	1.4	7
67	Segmental overgrowth and aneurysms due to mosaic PDGFRB p.( Tyr562Cys ). American Journal of Medical Genetics, Part A, 2021, 185, 1430-1436.	1.2	7
68	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
69	Predictors of intracranial hemorrhage volume and distribution in brain arteriovenous malformation. Interventional Neuroradiology, 2018, 24, 183-188.	1.1	6
70	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
71	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
72	A New Era of Extended Time Window Acute Stroke Interventions Guided by Imaging. Neurohospitalist, The, 2020, 10, 29-37.	0.8	6

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73	Cost determinants in management of brain arteriovenous malformations. Acta Neurochirurgica, 2020, 162, 169-173.	1.7	6
74	Virtual 2D angiography from four-dimensional digital subtraction angiography (4D-DSA): A feasibility study. Interventional Neuroradiology, 2021, 27, 307-313.	1.1	6
75	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
76	Machine learning for predicting hemorrhage in pediatric patients with brain arteriovenous malformation. Journal of Neurosurgery: Pediatrics, 2022, 30, 203-209.	1.3	5
77	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
78	Diffusion-weighted imaging for cutaneous vascular anomalies. Clinical Imaging, 2017, 46, 121-122.	1.5	4
79	Teaching Neuro <i>Images</i> : Artery of Percheron aneurysm masquerading as ICH spot sign. Neurology, 2017, 89, e64-e65.	1.1	4
80	Assessment of cell yield among different devices for endovascular biopsy to harvest vascular endothelial cells. BioTechniques, 2019, 66, 34-36.	1.8	4
81	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
82	Angiographic Evidence of Response to Trametinib Therapy for a Spinal Cord Arteriovenous Malformation. Journal of Vascular Anomalies, 2021, 2, e018.	0.3	4
83	Presence of Vessel Wall Hyperintensity in Unruptured Arteriovenous Malformations on Vessel Wall Magnetic Resonance Imaging: Pilot Study of AVM Vessel Wall "Enhancementâ€, Frontiers in Neuroscience, 2021, 15, 697432.	2.8	4
84	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
85	Endovascular Therapy for Intracranial Giant Cell Arteritis. Clinical Neuroradiology, 2022, , 1.	1.9	4
86	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
87	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
88	Laser-assisted flat-detector CT-guided intracranial access. International Journal of Computer Assisted Radiology and Surgery, 2016, 11, 467-472.	2.8	3
89	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
90	Cerebral arteriovenous fistulae. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2021, 176, 179-198.	1.8	3

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91	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
92	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
93	Neurological manifestations of polyarteritis nodosa: a tour of the neuroaxis by case series. BMC Neurology, 2021, 21, 205.	1.8	3
94	Robotics for neuroendovascular intervention: Background and primer. Neuroradiology Journal, 2022, 35, 25-35.	1.2	3
95	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
96	Technical factors affecting outcomes following endovascular treatment of posterior circulation atherosclerotic lesions., 2017, 8, 284.		3
97	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
98	Transvenous Approaches to the Vertebralâ€Venous Plexus for Endovascular Treatment of Cervical Epidural Arteriovenous Fistulas: Anatomy and Technique. , 2022, 2, .		2
99	Validation of the Ruptured Arteriovenous Malformation Grading Scale in a pediatric cohort. Journal of Neurosurgery: Pediatrics, 2022, 29, 575-579.	1.3	2
100	Comparing Occlusive Balloon Performance Using 3-Dimensional Printed Models of Intracranial Aneurysmal Defects. World Neurosurgery, 2021, 146, e888-e895.	1.3	1
101	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
102	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
103	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
104	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
105	Anterior Inferior Cerebellar Artery Aneurysm Mimicking a Vestibular Schwannoma. Cureus, 2022, 14, e21807.	0.5	1
106	Geometric and Morphologic Features of Ruptured Intracranial Aneurysms Associated with Methamphetamine Use. World Neurosurgery, 2022, , .	1.3	1
107	Brain Arteriovenous Malformations: Evidence-Based Diagnosis and Treatment. , 2013, , 207-237.		0
108	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

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109	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
110	Treatment of Arteriovenous Malformations with Cyanoacrylate. , 2018, , 335-354.		0
111	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
112	Abstract P42: Genetic Variants Associated With Vasospasm Following Aneurysmal Subarachnoid Hemorrhage. Stroke, 2021, 52, .	2.0	0
113	Reply:. American Journal of Neuroradiology, 2021, 42, E58-E59.	2.4	0
114	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
115	Endovascular Biopsy: Technical Feasibility of Novel Endothelial Cell Harvesting Devices Assessed in a Rabbit Aneurysm Model. Interventional Neuroradiology, 2015, .	1.1	0
116	Abstract TP311: Multidisciplinary Stroke Simulation: Novel Team Based Approach to Decrease Door-to-Needle Times. Stroke, 2016, 47, .	2.0	0
117	Abstract 120: Radiocarbon Birth Dating of Cerebral Arteriovenous Malformations. Stroke, 2017, 48, .	2.0	0
118	Abstract 198: Endovascular Biopsy: <i>in vivo</i> Brain Aneurysm Endothelial Cell Sampling and Gene Expression Analysis. Stroke, 2017, 48, .	2.0	0
119	Abstract TP446: Predictors of Hemorrhagic Severity in Arteriovenous Malformation Patients. Stroke, 2017, 48, .	2.0	0
120	Abstract TP445: Bevacizumab Therapy for Brain Arteriovenous Malformations. Stroke, 2017, 48, .	2.0	0
121	Dural Fistula. , 2018, , 191-248.		0
122	Abstract WP23: Impact of Aortic Arch Anatomy on Technical Performance and Clinical Outcomes in Acute Ischemic Stroke Patients. Stroke, 2019, 50, .	2.0	0
123	Abstract WP99: One-stop Stroke Mangement: Core And Hypoperfusion Maps From Multiphase Flat-panel Ct. Stroke, 2022, 53, .	2.0	0
124	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	0
125	Spatially resolved transcriptomics for evaluation of intracranial vessels in a rabbit model: Proof of concept. Interventional Neuroradiology, 2023, 29, 307-314.	1.1	0
126	Pharyngo-tympano-stapedial middle meningeal artery variant supply to a falcotentorial dural arteriovenous fistula. Journal of NeuroInterventional Surgery, 2022, , neurintsurg-2022-018817.	3.3	0

# ARTICLE IF CITATIONS

127 Endovascular Biopsy for Detection of Somatic Mosaicism in Human Fusiform Cerebral Aneurysms.,

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