

Seán T Fitzgerald

List of Publications by Year in descending order

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53
papers

1,003
citations

430874

18
h-index

501196

28
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54
all docs

54
docs citations

54
times ranked

1147
citing authors

#	ARTICLE	IF	CITATIONS
1	Maximizing the catheter-to-vessel size optimizes distal flow control resulting in improved revascularization in vitro for aspiration thrombectomy. <i>Journal of NeuroInterventional Surgery</i> , 2022, 14, 184-188.	3.3	24
2	Histological evaluation of acute ischemic stroke thrombi may indicate the occurrence of vessel wall injury during mechanical thrombectomy. <i>Journal of NeuroInterventional Surgery</i> , 2022, 14, 356-361.	3.3	18
3	Does prior administration of rtPA influence acute ischemic stroke clot composition? Findings from the analysis of clots retrieved with mechanical thrombectomy from the RESTORE registry. <i>Journal of Neurology</i> , 2022, 269, 1913-1920.	3.6	23
4	Diverse thrombus composition in thrombectomy stroke patients with longer time to recanalization. <i>Thrombosis Research</i> , 2022, 209, 99-104.	1.7	17
5	MicroCT Can Characterize Clots Retrieved With Mechanical Thrombectomy From Acute Ischemic Stroke Patientsâ€”A Preliminary Report. <i>Frontiers in Neurology</i> , 2022, 13, 824091.	2.4	4
6	Histological composition of retrieved emboli in acute ischemic stroke is independent of pre-thrombectomy alteplase use. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2022, 31, 106376.	1.6	4
7	Quantification of clot spatial heterogeneity and its impact on thrombectomy. <i>Journal of NeuroInterventional Surgery</i> , 2022, 14, 1248-1252.	3.3	11
8	Investigation of Current and Superâ€”Bore 088â€” Treatment Strategies of Soft and Stiff Clots at Internal Carotid Artery and Middle Cerebral Artery Occlusion Sites in an In Vitro Thrombectomy Model. , 2022, 2, .		1
9	Characterization of thrombus composition with multimodality CT-based imaging: an in-vitro study. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 738-740.	3.3	12
10	High-resolution scanning electron microscopy for the analysis of three-dimensional ultrastructure of clots in acute ischemic stroke. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 906-911.	3.3	15
11	Per-pass analysis of acute ischemic stroke clots: impact of stroke etiology on extracted clot area and histological composition. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 1111-1116.	3.3	43
12	Preclinical evaluation of Millipede 088 intracranial aspiration catheter in cadaver and in vitro thrombectomy models. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 447-452.	3.3	22
13	Large Artery Atherosclerotic Clots are Larger than Clots of other Stroke Etiologies and have Poorer Recanalization rates. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021, 30, 105463.	1.6	17
14	Characterizing thrombus with multiple red blood cell compositions by optical coherence tomography attenuation coefficient. <i>Journal of Biophotonics</i> , 2021, 14, e202000364.	2.3	5
15	The administration of rtPA before mechanical thrombectomy in acute ischemic stroke patients is associated with a significant reduction of the retrieved clot area but it does not influence revascularization outcome. <i>Journal of Thrombosis and Thrombolysis</i> , 2021, 51, 545-551.	2.1	29
16	Systematic review and meta-analysis of current rates of first pass effect by thrombectomy technique and associations with clinical outcomes. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 212-216.	3.3	47
17	A novel rabbit thromboembolic occlusion model. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 1040-1043.	3.3	3
18	Association between clot composition and stroke origin in mechanical thrombectomy patients: analysis of the Stroke Thromboembolism Registry of Imaging and Pathology. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 594-598.	3.3	43

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19	Iatrogenic Foreign Materials Associated with Retrieved Clot Tissue via Mechanical Thrombectomy. American Journal of Neuroradiology, 2021, 42, 1239-1249.	2.4	10
20	Novel Human Acute Ischemic Stroke Blood Clot Analogs for In Vitro Thrombectomy Testing. American Journal of Neuroradiology, 2021, 42, 1250-1257.	2.4	16
21	Per pass analysis of thrombus composition retrieved by mechanical thrombectomy. Interventional Neuroradiology, 2021, 27, 815-820.	1.1	9
22	Correlation between acute ischaemic stroke clot length before mechanical thrombectomy and extracted clot area: Impact of thrombus size on number of passes for clot removal and final recanalization. European Stroke Journal, 2021, 6, 254-261.	5.5	9
23	Characterization of the "White"™ Appearing Clots that Cause Acute Ischemic Stroke. Journal of Stroke and Cerebrovascular Diseases, 2021, 30, 106127.	1.6	12
24	Characterizing blood clots using acoustic radiation force optical coherence elastography and ultrasound shear wave elastography. Physics in Medicine and Biology, 2021, 66, 035013.	3.0	18
25	A systematic scoping review of interventions to improve appropriate prescribing of oral nutritional supplements in primary care. Clinical Nutrition, 2020, 39, 654-663.	5.0	13
26	Clot permeability and histopathology: is a clot's perviousness on CT imaging correlated with its histologic composition?. Journal of NeuroInterventional Surgery, 2020, 12, 38-42.	3.3	58
27	Platelet-rich emboli are associated with von Willebrand factor levels and have poorer revascularization outcomes. Journal of NeuroInterventional Surgery, 2020, 12, 557-562.	3.3	34
28	Development of an in vitro model of calcified cerebral emboli in acute ischemic stroke for mechanical thrombectomy evaluation. Journal of NeuroInterventional Surgery, 2020, 12, 1002-1007.	3.3	10
29	Catheter-free ablation of infarct scar through proton beam therapy: Tissue effects in a porcine model. Heart Rhythm, 2020, 17, 2190-2199.	0.7	13
30	Dielectric profile of blood clots to inform ischemic stroke treatments. , 2020, 2020, 3723-3726.		4
31	Incidence and prevalence of multiple sclerosis in persian gulf area: A systematic review and meta-analysis. Multiple Sclerosis and Related Disorders, 2020, 40, 101959.	2.0	20
32	Abstract TP44: Evaluating Mechanical Properties of Human Blood Clot Analogues Using Ultrasound-mediated Optical Coherence Elastography. Stroke, 2020, 51, .	2.0	1
33	Storage of blood clots for histological analysis: How long is too long in saline and paraformaldehyde?. Histology and Histopathology, 2020, 35, 313-320.	0.7	5
34	Redefining "success"™: a systematic review and meta-analysis comparing outcomes between incomplete and complete revascularization. Journal of NeuroInterventional Surgery, 2019, 11, 9-13.	3.3	56
35	Response by Fitzgerald and Brinjikji to Letter Regarding Article, "Platelet-Rich Emboli in Cerebral Large Vessel Occlusion Are Associated With a Large Artery Atherosclerosis Source". Stroke, 2019, 50, e298.	2.0	0
36	Platelet-Rich Emboli in Cerebral Large Vessel Occlusion Are Associated With a Large Artery Atherosclerosis Source. Stroke, 2019, 50, 1907-1910.	2.0	61

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37	Clots retrieved by mechanical thrombectomy from acute ischemic stroke patients show no evidence of bacteria. <i>Interventional Neuroradiology</i> , 2019, 25, 502-507.	1.1	4
38	Platelet-rich clots as identified by Martius Scarlet Blue staining are isodense on NCCT. <i>Journal of NeuroInterventional Surgery</i> , 2019, 11, 1145-1149.	3.3	45
39	Orbit image analysis machine learning software can be used for the histological quantification of acute ischemic stroke blood clots. <i>PLoS ONE</i> , 2019, 14, e0225841.	2.5	55
40	In vitro Remote Aspiration Embolectomy for the Treatment of Acute Ischemic Stroke. <i>Interventional Neurology</i> , 2019, 8, 20-26.	1.8	5
41	Acute ischemic stroke secondary to cardiac embolus of a "foreign body" material after a redo sternotomy for mitral valve replacement: A case report. <i>Interventional Neuroradiology</i> , 2019, 25, 208-211.	1.1	3
42	Measurement of the IgM and IgG Autoantibody Immune Responses in Human Serum has High Predictive Value for the Presence of Colorectal Cancer. <i>Clinical Colorectal Cancer</i> , 2019, 18, e53-e60.	2.3	15
43	Correlation of imaging and histopathology of thrombi in acute ischemic stroke with etiology and outcome. <i>Journal of Neurosurgical Sciences</i> , 2019, 63, 292-300.	0.6	25
44	Stromal TRIM28-associated signaling pathway modulation within the colorectal cancer microenvironment. <i>Journal of Translational Medicine</i> , 2018, 16, 89.	4.4	8
45	Laser-actuated centrifugo-pneumatic flow control towards "sample-to-answer" integrated detection of multi-marker panels at the point-of-care. , 2018, , .		5
46	Abstract TP54: Machine-Learned Characterization of Acute Ischemic Stroke Clots Reveals a Correlation Between Clot Composition and Density on CT. <i>Stroke</i> , 2018, 49, .	2.0	3
47	Don't blame it all on antibodies " The need for exhaustive characterisation, appropriate handling, and addressing the issues that affect specificity. <i>TrAC - Trends in Analytical Chemistry</i> , 2017, 89, 53-59.	11.4	27
48	High CerS5 expression levels associate with reduced patient survival and transition from apoptotic to autophagy signalling pathways in colorectal cancer. <i>Journal of Pathology: Clinical Research</i> , 2015, 1, 54-65.	3.0	27
49	Diagnostic Potential of Zinc Finger Protein-Specific Autoantibodies and Associated Linear B-Cell Epitopes in Colorectal Cancer. <i>PLoS ONE</i> , 2015, 10, e0123469.	2.5	33
50	Abstract B55: Molecular characterization of epithelial and stromal crosstalk associated with TRIM28 expression levels in colorectal cancer. , 2015, , .		0
51	Relationship between epithelial and stromal <sc>TRIM</sc>28 expression predicts survival in colorectal cancer patients. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2013, 28, 967-974.	2.8	23
52	Evidence for a role of GABAergic and glutamatergic signalling in the basolateral amygdala in endocannabinoid-mediated fear-conditioned analgesia in rats. <i>Pain</i> , 2013, 154, 576-585.	4.2	38
53	Abstract 1159: Increased ceramide synthase 5 expression is associated with lymphovascular invasion, metastasis and poor survival in colorectal cancer.. , 2013, , .		0