

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
g-index

54
all docs

54
docs citations

54
times ranked

1147
citing authors

#	ARTICLE	IF	CITATIONS
1	Platelet-Rich Emboli in Cerebral Large Vessel Occlusion Are Associated With a Large Artery Atherosclerosis Source. <i>Stroke</i> , 2019, 50, 1907-1910.	2.0	61
2	Clot permeability and histopathology: is a clot's perviousness on CT imaging correlated with its histologic composition?. <i>Journal of NeuroInterventional Surgery</i> , 2020, 12, 38-42.	3.3	58
3	Redefining "success": a systematic review and meta-analysis comparing outcomes between incomplete and complete revascularization. <i>Journal of NeuroInterventional Surgery</i> , 2019, 11, 9-13.	3.3	56
4	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
5	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
6	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
7	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
8	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
9	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
10	Platelet-rich emboli are associated with von Willebrand factor levels and have poorer revascularization outcomes. <i>Journal of NeuroInterventional Surgery</i> , 2020, 12, 557-562.	3.3	34
11	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
12	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
13	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
14	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
15	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
16	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
17	Relationship between epithelial and stromal TRIM28 expression predicts survival in colorectal cancer patients. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2013, 28, 967-974.	2.8	23
18	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

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19	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
20	Incidence and prevalence of multiple sclerosis in persian gulf area: A systematic review and meta-analysis. <i>Multiple Sclerosis and Related Disorders</i> , 2020, 40, 101959.	2.0	20
21	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
22	Characterizing blood clots using acoustic radiation force optical coherence elastography and ultrasound shear wave elastography. <i>Physics in Medicine and Biology</i> , 2021, 66, 035013.	3.0	18
23	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
24	Diverse thrombus composition in thrombectomy stroke patients with longer time to recanalization. <i>Thrombosis Research</i> , 2022, 209, 99-104.	1.7	17
25	Novel Human Acute Ischemic Stroke Blood Clot Analogs for In Vitro Thrombectomy Testing. <i>American Journal of Neuroradiology</i> , 2021, 42, 1250-1257.	2.4	16
26	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
27	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
28	A systematic scoping review of interventions to improve appropriate prescribing of oral nutritional supplements in primary care. <i>Clinical Nutrition</i> , 2020, 39, 654-663.	5.0	13
29	Catheter-free ablation of infarct scar through proton beam therapy: Tissue effects in a porcine model. <i>Heart Rhythm</i> , 2020, 17, 2190-2199.	0.7	13
30	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
31	Characterization of the "White" Appearing Clots that Cause Acute Ischemic Stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021, 30, 106127.	1.6	12
32	Quantification of clot spatial heterogeneity and its impact on thrombectomy. <i>Journal of NeuroInterventional Surgery</i> , 2022, 14, 1248-1252.	3.3	11
33	Development of an in vitro model of calcified cerebral emboli in acute ischemic stroke for mechanical thrombectomy evaluation. <i>Journal of NeuroInterventional Surgery</i> , 2020, 12, 1002-1007.	3.3	10
34	Iatrogenic Foreign Materials Associated with Retrieved Clot Tissue via Mechanical Thrombectomy. <i>American Journal of Neuroradiology</i> , 2021, 42, 1239-1249.	2.4	10
35	Per pass analysis of thrombus composition retrieved by mechanical thrombectomy. <i>Interventional Neuroradiology</i> , 2021, 27, 815-820.	1.1	9
36	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. <i>European Stroke Journal</i> , 2021, 6, 254-261.	5.5	9

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37	Stromal TRIM28-associated signaling pathway modulation within the colorectal cancer microenvironment. <i>Journal of Translational Medicine</i> , 2018, 16, 89.	4.4	8
38	Laser-actuated centrifugo-pneumatic flow control towards "sample-to-answer"™ integrated detection of multi-marker panels at the point-of-care. , 2018, , .		5
39	In vitro Remote Aspiration Embolectomy for the Treatment of Acute Ischemic Stroke. <i>Interventional Neurology</i> , 2019, 8, 20-26.	1.8	5
40	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
41	Storage of blood clots for histological analysis: How long is too long in saline and paraformaldehyde?. <i>Histology and Histopathology</i> , 2020, 35, 313-320.	0.7	5
42	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
43	Dielectric profile of blood clots to inform ischemic stroke treatments. , 2020, 2020, 3723-3726.		4
44	MicroCT Can Characterize Clots Retrieved With Mechanical Thrombectomy From Acute Ischemic Stroke Patients" A Preliminary Report. <i>Frontiers in Neurology</i> , 2022, 13, 824091.	2.4	4
45	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
46	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
47	A novel rabbit thromboembolic occlusion model. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 1040-1043.	3.3	3
48	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
49	Abstract TP44: Evaluating Mechanical Properties of Human Blood Clot Analogues Using Ultrasound-mediated Optical Coherence Elastography. <i>Stroke</i> , 2020, 51, .	2.0	1
50	Investigation of Current and Super" Bore 088" 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
51	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"; <i>Stroke</i> , 2019, 50, e298.	2.0	0
52	Abstract 1159: Increased ceramide synthase 5 expression is associated with lymphovascular invasion, metastasis and poor survival in colorectal cancer.. , 2013, , .		0
53	Abstract B55: Molecular characterization of epithelial and stromal crosstalk associated with TRIM28 expression levels in colorectal cancer. , 2015, , .		0