

Hassan Albadawi

List of Publications by Year in descending order

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Version: 2024-02-01

63
papers

2,300
citations

236925

25
h-index

233421

45
g-index

64
all docs

64
docs citations

64
times ranked

3950
citing authors

#	ARTICLE	IF	CITATIONS
1	Social Medicine: Twitter in Healthcare. <i>Journal of Clinical Medicine</i> , 2018, 7, 121.	2.4	228
2	Bioprinted thrombosis-on-a-chip. <i>Lab on A Chip</i> , 2016, 16, 4097-4105.	6.0	183
3	Deep vein thrombosis: pathogenesis, diagnosis, and medical management. <i>Cardiovascular Diagnosis and Therapy</i> , 2017, 7, S276-S284.	1.7	173
4	An injectable shear-thinning biomaterial for endovascular embolization. <i>Science Translational Medicine</i> , 2016, 8, 365ra156.	12.4	147
5	Advances in Biomaterials and Technologies for Vascular Embolization. <i>Advanced Materials</i> , 2019, 31, e1901071.	21.0	133
6	Needle-shaped ultrathin piezoelectric microsystem for guided tissue targeting via mechanical sensing. <i>Nature Biomedical Engineering</i> , 2018, 2, 165-172.	22.5	108
7	Catheter-directed thrombolysis of deep vein thrombosis: literature review and practice considerations. <i>Cardiovascular Diagnosis and Therapy</i> , 2017, 7, S228-S237.	1.7	81
8	History and Evolution of Yttrium-90 Radioembolization for Hepatocellular Carcinoma. <i>Journal of Clinical Medicine</i> , 2019, 8, 55.	2.4	73
9	Neutrophil extracellular traps are increased in cancer patients but does not associate with venous thrombosis. <i>Cardiovascular Diagnosis and Therapy</i> , 2017, 7, S140-S149.	1.7	69
10	A novel model of acute murine hindlimb ischemia. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007, 292, H830-H837.	3.2	68
11	Radiogenomics and Radiomics in Liver Cancers. <i>Diagnostics</i> , 2019, 9, 4.	2.6	59
12	Can thrombus age guide thrombolytic therapy?. <i>Cardiovascular Diagnosis and Therapy</i> , 2017, 7, S186-S196.	1.7	58
13	Extracellular matrix remodelling in response to venous hypertension: proteomics of human varicose veins. <i>Cardiovascular Research</i> , 2016, 110, 419-430.	3.8	56
14	Reduced hind limb ischemia-reperfusion injury in Toll-like receptor-4 mutant mice is associated with decreased neutrophil extracellular traps. <i>Journal of Vascular Surgery</i> , 2013, 58, 1627-1636.	1.1	54
15	Detection of Extracellular Genomic DNA Scaffold in Human Thrombus: Implications for the Use of Deoxyribonuclease Enzymes in Thrombolysis. <i>Journal of Vascular and Interventional Radiology</i> , 2012, 23, 712-718.	0.5	47
16	Skin Rejuvenation with Non-Invasive Pulsed Electric Fields. <i>Scientific Reports</i> , 2015, 5, 10187.	3.3	45
17	Effect of DNase I treatment and neutrophil depletion on acute limb ischemia-reperfusion injury in mice. <i>Journal of Vascular Surgery</i> , 2016, 64, 484-493.	1.1	40
18	Animal models of venous thrombosis. <i>Cardiovascular Diagnosis and Therapy</i> , 2017, 7, S197-S206.	1.7	36

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19	Bioactiveâ€Tissueâ€Derived Nanocomposite Hydrogel for Permanent Arterial Embolization and Enhanced Vascular Healing. <i>Advanced Materials</i> , 2020, 32, e2002611.	21.0	34
20	Hemostasis and nanotechnology. <i>Cardiovascular Diagnosis and Therapy</i> , 2017, 7, S267-S275.	1.7	33
21	Oncolytic virus delivery: from nano-pharmacodynamics to enhanced oncolytic effect. <i>Oncolytic Virotherapy</i> , 2017, Volume 6, 39-49.	6.0	32
22	Applications of 3D Bioprinting in Tissue Engineering and Regenerative Medicine. <i>Journal of Clinical Medicine</i> , 2021, 10, 4966.	2.4	32
23	Paget-Schroetter syndrome: treatment of venous thrombosis and outcomes. <i>Cardiovascular Diagnosis and Therapy</i> , 2017, 7, S285-S290.	1.7	28
24	Three-dimensional (3D) printing and its applications for aortic diseases. <i>Cardiovascular Diagnosis and Therapy</i> , 2018, 8, S19-S25.	1.7	27
25	Hind limb ischemiaâ€reperfusion injury in diet-induced obese mice. <i>Journal of Surgical Research</i> , 2014, 190, 683-691.	1.6	26
26	Anti-fouling strategies for central venous catheters. <i>Cardiovascular Diagnosis and Therapy</i> , 2017, 7, S246-S257.	1.7	26
27	Percutaneous liquid ablation agent for tumor treatment and drug delivery. <i>Science Translational Medicine</i> , 2021, 13, .	12.4	25
28	Degree of Left Renal Vein Compression Predicts Nutcracker Syndrome. <i>Journal of Clinical Medicine</i> , 2018, 7, 107.	2.4	24
29	Skin regeneration with all accessory organs following ablation with irreversible electroporation. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, 98-113.	2.7	22
30	Systemically Administered Hemostatic Nanoparticles for Identification and Treatment of Internal Bleeding. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 2563-2576.	5.2	21
31	Emerging approaches to pre-hospital hemorrhage control: a narrative review. <i>Annals of Translational Medicine</i> , 2021, 9, 1192-1192.	1.7	21
32	Below-knee deep vein thrombosis (DVT): diagnostic and treatment patterns. <i>Cardiovascular Diagnosis and Therapy</i> , 2017, 7, S134-S139.	1.7	20
33	Bioengineered in vitro models of thrombosis: methods and techniques. <i>Cardiovascular Diagnosis and Therapy</i> , 2017, 7, S329-S335.	1.7	19
34	Silk Embolic Material for Catheterâ€Directed Endovascular Drug Delivery. <i>Advanced Materials</i> , 2022, 34, e2106865.	21.0	19
35	Insulin Downregulates the Transcriptional Coregulator CITED2, an Inhibitor of Proangiogenic Function in Endothelial Cells. <i>Diabetes</i> , 2016, 65, 3680-3690.	0.6	18
36	Robotic Devices for Minimally Invasive Endovascular Interventions: A New Dawn for Interventional Radiology. <i>Advanced Intelligent Systems</i> , 2021, 3, 2000181.	6.1	18

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37	Statins as a preventative therapy for venous thromboembolism. <i>Cardiovascular Diagnosis and Therapy</i> , 2017, 7, S207-S218.	1.7	17
38	Elastography techniques in the evaluation of deep vein thrombosis. <i>Cardiovascular Diagnosis and Therapy</i> , 2017, 7, S238-S245.	1.7	16
39	The Use of Transarterial Approaches in Peripheral Arteriovenous Malformations (AVMs). <i>Journal of Clinical Medicine</i> , 2018, 7, 109.	2.4	16
40	Spinal Cord Inflammation: Molecular Imaging after Thoracic Aortic Ischemia Reperfusion Injury. <i>Radiology</i> , 2017, 282, 202-211.	7.3	15
41	Irreversible Electroporation in Liver Cancers and Whole Organ Engineering. <i>Journal of Clinical Medicine</i> , 2019, 8, 22.	2.4	14
42	A Functional Murine Model of Hindlimb Demand Ischemia. <i>Annals of Vascular Surgery</i> , 2010, 24, 532-537.	0.9	13
43	Blood-Derived Biomaterial for Catheter-Directed Arterial Embolization. <i>Advanced Materials</i> , 2020, 32, e2005603.	21.0	12
44	Liquid Biopsy in Gastrointestinal Cancers. <i>Diagnostics</i> , 2018, 8, 75.	2.6	11
45	Differential effect of zoledronic acid on human vascular smooth muscle cells. <i>Journal of Surgical Research</i> , 2013, 182, 339-346.	1.6	10
46	Using Naïve Bayesian Analysis to Determine Imaging Characteristics of KRAS Mutations in Metastatic Colon Cancer. <i>Diagnostics</i> , 2017, 7, 50.	2.6	10
47	Divergent systemic and local inflammatory response to hind limb demand ischemia in wild-type and ApoE ^{-/-} mice. <i>Journal of Surgical Research</i> , 2013, 183, 952-962.	1.6	9
48	Rejuvenation of aged rat skin with pulsed electric fields. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, 2309-2318.	2.7	8
49	Role of Poly(ADP-Ribose) Polymerase during Vascular Reconstruction. <i>Vascular</i> , 2006, 14, 362-365.	0.9	6
50	Extracellular Traps in Lipid-Rich Lesions of Carotid Atherosclerotic Plaques: Implications for Lipoprotein Retention and Lesion Progression. <i>Journal of Vascular and Interventional Radiology</i> , 2014, 25, 631-634.	0.5	6
51	Quiescent-Interval Single-Shot Magnetic Resonance Angiography. <i>Diagnostics</i> , 2018, 8, 84.	2.6	6
52	Arterial Embolization: Blood-Derived Biomaterial for Catheter-Directed Arterial Embolization (Adv.) <i>Tj ETQq0 0 0,rgBT /Overlock 10 Tf</i>	2.6	6
53	Multi-Detector Computed Tomography Imaging Techniques in Arterial Injuries. <i>Journal of Clinical Medicine</i> , 2018, 7, 88.	2.4	5
54	Human microvascular endothelial synthesis of interleukin-8 during in vitro ischemia and reperfusion. <i>Journal of Cellular Biochemistry</i> , 2007, 100, 412-420.	2.6	4

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55	Effect of limb demand ischemia on autophagy and morphology in mice. Journal of Surgical Research, 2015, 198, 515-524.	1.6	3
56	Endovascular interventions in the management of acute extremity trauma: a narrative review. Annals of Translational Medicine, 2021, 9, 1197-1197.	1.7	3
57	Treatment of Ruptured and Nonruptured Aneurysms Using a Semisolid Iodinated Embolic Agent. Advanced Materials, 2022, 34, e2108266.	21.0	3
58	Revascularization and muscle adaptation to limb demand ischemia in diet-induced obese mice. Journal of Surgical Research, 2016, 205, 49-58.	1.6	2
59	Robotic Devices for Minimally Invasive Endovascular Interventions: A New Dawn for Interventional Radiology. Advanced Intelligent Systems, 2021, 3, 2170021.	6.1	1
60	Nanocomposite Hydrogels: Bioactiveâ€Tissueâ€Derived Nanocomposite Hydrogel for Permanent Arterial Embolization and Enhanced Vascular Healing (Adv. Mater. 33/2020). Advanced Materials, 2020, 32, 2070248.	21.0	0
61	Models of Ischemic and Vascular Wounds. Frontiers in Nanobiomedical Research, 2017, , 99-125.	0.1	0
62	Silk Embolic Material for Catheterâ€Directed Endovascular Drug Delivery (Adv. Mater. 2/2022). Advanced Materials, 2022, 34, .	21.0	0
63	Treatment of Ruptured and Nonruptured Aneurysms Using a Semisolid Iodinated Embolic Agent (Adv.) Tj ETQq1 1 0,784314 rgBT /Ov	21.0	0