## Joseph Fernandez-Moure

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Bovine versus porcine acellular dermal matrix for abdominal wall herniorrhaphy or bridging. European Journal of Trauma and Emergency Surgery, 2022, 48, 1993-2001.	1.7	5
2	Early Chemoprophylaxis Against Venous Thromboembolism in Patients With Traumatic Brain Injury. American Surgeon, 2022, 88, 187-193.	0.8	5
3	The Latino Surgical Society and the Hispanic/Latino academic surgical workforce. American Journal of Surgery, 2022, 224, 296-298.	1.8	2
4	Actionable Risk Model for the Development of Surgical Site Infection after Emergency Surgery. Surgical Infections, 2021, 22, 168-173.	1.4	3
5	Four Columns of the Thorax: Operative Decision-Making in the Setting of Complete Bony Instability. Annals of Thoracic Surgery, 2021, 111, e101-e103.	1.3	1
6	Recurrent Use of VV ECMO in Refractory Hypoxemia After Penetrating Lung Injury and Multifocal Pneumonia in a Single Individual's ICU Stay. Journal of Cardiothoracic and Vascular Anesthesia, 2021, 35, 1447-1451.	1.3	1
7	Addition of plateletâ€rich plasma supports immune modulation and improved mechanical integrity in Alloderm mesh for ventral hernia repair in a rat model. Journal of Tissue Engineering and Regenerative Medicine, 2021, 15, 3-13.	2.7	9
8	A Solution to After-Hours Fatigue and Surgical Backlog. Geriatric Orthopaedic Surgery and Rehabilitation, 2021, 12, 215145932198952.	1.4	2
9	Polyester Mesh Functionalization with Nitric Oxide-Releasing Silica Nanoparticles Reduces Early Methicillin-Resistant <i>Staphylococcus aureus</i> Contamination. Surgical Infections, 2021, 22, 910-922.	1.4	2
10	Plateletâ€rich plasma enhances mechanical strength of strattice in rat model of ventral hernia repair. Journal of Tissue Engineering and Regenerative Medicine, 2021, 15, 634-647.	2.7	7
11	Improved Posterolateral Lumbar Spinal Fusion Using a Biomimetic, Nanocomposite Scaffold Augmented by Autologous Platelet-Rich Plasma. Frontiers in Bioengineering and Biotechnology, 2021, 9, 622099.	4.1	3
12	Platelet rich plasma concentration improves biologic mesh incorporation and decreases multinucleated giant cells in a dose dependent fashion. Journal of Tissue Engineering and Regenerative Medicine, 2021, 15, 1037-1046.	2.7	3
13	Amniotic fluid allograft enhances the host response to ventral hernia repair using acellular dermal matrix. Journal of Tissue Engineering and Regenerative Medicine, 2021, 15, 1092-1104.	2.7	5
14	Long-term Functional, Psychological, Emotional, and Social Outcomes in Survivors of Firearm Injuries. JAMA Surgery, 2020, 155, 51.	4.3	91
15	Histone Deacetylase 3 Associates with Key Regulators of NFkB Signaling in Human Lung Epithelial Cells under Stimulation with LPS. Journal of the American College of Surgeons, 2020, 231, e59.	0.5	0
16	Surgical technique for development of a clinically-representative ventral hernia repair infection rat model. MethodsX, 2020, 7, 100887.	1.6	2
17	Biocompatible PLGA-Mesoporous Silicon Microspheres for the Controlled Release of BMP-2 for Bone Augmentation. Pharmaceutics, 2020, 12, 118.	4.5	18
18	Nanomaterial Nitric Oxide Delivery in Traumatic Orthopedic Regenerative Medicine. Frontiers in Bioengineering and Biotechnology, 2020, 8, 592008.	4.1	11

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19	lsolation and characterization of mesenchymal stem cells in orthopaedics and the emergence of compact bone mesenchymal stem cells as a promising surgical adjunct. World Journal of Stem Cells, 2020, 12, 1341-1353.	2.8	4
20	Platelet-Rich Plasma Improves Metrics of Biologic Mesh Incorporation and Decreases Foreign Body Response in a Dose Dependent Fashion. Journal of the American College of Surgeons, 2019, 229, S108.	0.5	0
21	Emergency response teams in and outside of medicine—structurally crafted to be worlds apart. Journal of Trauma and Acute Care Surgery, 2019, 86, 134-140.	2.1	8
22	Nanometric Considerations in Biofilm Formation. Surgical Infections, 2019, 20, 167-173.	1.4	10
23	Enhancement of gemcitabine cytotoxicity in pancreatic adenocarcinoma through controlled release of nitric oxide. Biomedical Microdevices, 2019, 21, 23.	2.8	2
24	Ultrasound shear wave elastography effectively predicts integrity of ventral hernia repair using acellular dermal matrix augmented with platelet-rich plasma (PRP). Surgical Endoscopy and Other Interventional Techniques, 2019, 33, 2802-2811.	2.4	5
25	Novel therapeutic strategies for degenerative disc disease: Review of cell biology and intervertebral disc cell therapy. SAGE Open Medicine, 2018, 6, 205031211876167.	1.8	50
26	Porcine Acellular Lung Matrix in Wound Healing and Hernia Repair. Recent Clinical Techniques, Results, and Research in Wounds, 2018, , 347-362.	0.1	0
27	The Chemistry of Lyophilized Blood Products. Bioconjugate Chemistry, 2018, 29, 2150-2160.	3.6	13
28	Swirl Sign — Intestinal Volvulus after Roux-en-Y Gastric Bypass. New England Journal of Medicine, 2017, 376, e3.	27.0	1
29	Crossâ€linking of porcine acellular dermal matrices negatively affects induced neovessel formation using plateletâ€rich plasma in a rat model of hernia repair. Wound Repair and Regeneration, 2017, 25, 98-108.	3.0	8
30	Nanoantibiotics: a new paradigm for the treatment of surgical infection. Nanomedicine, 2017, 12, 1319-1334.	3.3	35
31	Increased use of surgical energy promotes methicillin-resistant Staphylococcus aureus colonization in rabbits following open ventral hernia mesh repair. Surgical Endoscopy and Other Interventional Techniques, 2017, 31, 852-860.	2.4	2
32	Characterization of ventral incisional hernia and repair using shear wave elastography. Journal of Surgical Research, 2017, 210, 244-252.	1.6	6
33	Diagnosis and operative management of a perforated de Garengeot hernia. International Journal of Surgery Case Reports, 2017, 41, 114-116.	0.6	6
34	Case report on the non-operative management of a retrievable inferior vena cava filter perforating the duodenum. International Journal of Surgery Case Reports, 2017, 39, 60-63.	0.6	6
35	Platelet-rich plasma: a biomimetic approach to enhancement of surgical wound healing. Journal of Surgical Research, 2017, 207, 33-44.	1.6	63
36	Perivascular Application of Nitric Oxide Releasing Silica Nanoparticles Reduces Arteriovenous Fistula Neointimal Hyperplasia. Journal of the American College of Surgeons, 2017, 225, S221.	0.5	0

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37	Characterization of Mesenchymal Stem Cells from Human Cortical Bone. International Journal of Translational Science, 2016, 2016, 71-86.	0.2	0
38	Lost in Translation: The Gap in Scientific Advancements and Clinical Application. Frontiers in Bioengineering and Biotechnology, 2016, 4, 43.	4.1	67
39	An unusual presentation of congenital intestinal malrotation in a nonagenarian. International Journal of Surgery Case Reports, 2016, 25, 229-233.	0.6	2
40	Porcine acellular lung matrix for wound healing and abdominal wall reconstruction: A pilot study. Journal of Tissue Engineering, 2016, 7, 204173141562601.	5.5	16
41	Decreased hernia recurrence using autologous platelet-rich plasma (PRP) with Stratticeâ,,¢ mesh in a rodent ventral hernia model. Surgical Endoscopy and Other Interventional Techniques, 2016, 30, 3239-3249.	2.4	25
42	Nitric oxide releasing silica nanoparticles synergize with gemcitibine to enhance cytotoxicity in pancreatic adenocarcinoma. Journal of the American College of Surgeons, 2015, 221, e132.	0.5	0
43	Enhanced osteogenic potential of mesenchymal stem cells from cortical bone: a comparative analysis. Stem Cell Research and Therapy, 2015, 6, 203.	5.5	44
44	Endplate changes following discectomy: natural history and associations between imaging and clinical data. European Spine Journal, 2015, 24, 2449-2457.	2.2	33
45	Platelet rich plasma enhances tissue incorporation of biologic mesh. Journal of Surgical Research, 2015, 199, 412-419.	1.6	28
46	Platelet-Rich Plasma Enhances Mechanical Properties of Non-Crosslinked Acellular Dermal Matricies in Rat Model of Ventral Hernia Repair. Journal of the American College of Surgeons, 2015, 221, S76.	0.5	1
47	MicroRNA and Drug Delivery. , 2014, , 359-403.		0
48	Polyester Mesh Functionalization with Nitric Oxide Releasing Silica Nanoparticles Prevents MRSA Colonization and Biofilm Formation In Vitro and In Vivo. Journal of the American College of Surgeons, 2014, 219, S65.	0.5	1
49	Multistage porous silicon for cancer therapy. , 2014, , 374-402.		1
50	Not all stem cell are created equal: a comparative analysis of osteogenic potential in compact bone, adipose, and bone marrow derived mesenchymal stem cells. Cytotherapy, 2014, 16, S74.	0.7	0
51	Platelet rich plasma enhances tissue deposition through increased early neovascularization on porcine acellular dermal matrices. Journal of the American College of Surgeons, 2013, 217, S85.	0.5	0
52	A nanostructured lidocaine delivery system decreases postsurgical pain in Lewis rats. Journal of the American College of Surgeons, 2013, 217, S139-S140.	0.5	0
53	Silicon Micro―and Nanofabrication for Medicine. Advanced Healthcare Materials, 2013, 2, 632-666.	7.6	67
54	Caudal epidural steroid injections no better than saline epidurals or sham injections for the treatment of chronic lumbar radiculopathy. Evidence-Based Medicine, 2012, 17, 110-111.	0.6	2

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55	Nanotechnologies and Regenerative Medical Approaches for Space and Terrestrial Medicine. Aviation, Space, and Environmental Medicine, 2012, 83, 1025-1036.	0.5	19
56	Physical Dry Etching. , 2012, , 2069-2069.		0
57	Biology Of Aortic Aneurysms And Dissections. Methodist DeBakey Cardiovascular Journal, 2011, 7, 2-7.	1.0	11