

# Joseph Fernandez-Moure

## List of Publications by Year in descending order

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Version: 2024-02-01

57  
papers

709  
citations

687220

13  
h-index

580701

25  
g-index

58  
all docs

58  
docs citations

58  
times ranked

1131  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bovine versus porcine acellular dermal matrix for abdominal wall herniorrhaphy or bridging. <i>European Journal of Trauma and Emergency Surgery</i> , 2022, 48, 1993-2001.	0.8	5
2	Early Chemoprophylaxis Against Venous Thromboembolism in Patients With Traumatic Brain Injury. <i>American Surgeon</i> , 2022, 88, 187-193.	0.4	5
3	The Latino Surgical Society and the Hispanic/Latino academic surgical workforce. <i>American Journal of Surgery</i> , 2022, 224, 296-298.	0.9	2
4	Actionable Risk Model for the Development of Surgical Site Infection after Emergency Surgery. <i>Surgical Infections</i> , 2021, 22, 168-173.	0.7	3
5	Four Columns of the Thorax: Operative Decision-Making in the Setting of Complete Bony Instability. <i>Annals of Thoracic Surgery</i> , 2021, 111, e101-e103.	0.7	1
6	Recurrent Use of VV ECMO in Refractory Hypoxemia After Penetrating Lung Injury and Multifocal Pneumonia in a Single Individual's ICU Stay. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2021, 35, 1447-1451.	0.6	1
7	Addition of platelet-rich plasma supports immune modulation and improved mechanical integrity in Alloderm mesh for ventral hernia repair in a rat model. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2021, 15, 3-13.	1.3	9
8	A Solution to After-Hours Fatigue and Surgical Backlog. <i>Geriatric Orthopaedic Surgery and Rehabilitation</i> , 2021, 12, 215145932198952.	0.6	2
9	Polyester Mesh Functionalization with Nitric Oxide-Releasing Silica Nanoparticles Reduces Early Methicillin-Resistant <i>Staphylococcus aureus</i> Contamination. <i>Surgical Infections</i> , 2021, 22, 910-922.	0.7	2
10	Platelet-rich plasma enhances mechanical strength of strattice in rat model of ventral hernia repair. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2021, 15, 634-647.	1.3	7
11	Improved Posterolateral Lumbar Spinal Fusion Using a Biomimetic, Nanocomposite Scaffold Augmented by Autologous Platelet-Rich Plasma. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 622099.	2.0	3
12	Platelet rich plasma concentration improves biologic mesh incorporation and decreases multinucleated giant cells in a dose dependent fashion. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2021, 15, 1037-1046.	1.3	3
13	Amniotic fluid allograft enhances the host response to ventral hernia repair using acellular dermal matrix. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2021, 15, 1092-1104.	1.3	5
14	Long-term Functional, Psychological, Emotional, and Social Outcomes in Survivors of Firearm Injuries. <i>JAMA Surgery</i> , 2020, 155, 51.	2.2	91
15	Histone Deacetylase 3 Associates with Key Regulators of NFκB Signaling in Human Lung Epithelial Cells under Stimulation with LPS. <i>Journal of the American College of Surgeons</i> , 2020, 231, e59.	0.2	0
16	Surgical technique for development of a clinically-representative ventral hernia repair infection rat model. <i>MethodsX</i> , 2020, 7, 100887.	0.7	2
17	Biocompatible PLGA-Mesoporous Silicon Microspheres for the Controlled Release of BMP-2 for Bone Augmentation. <i>Pharmaceutics</i> , 2020, 12, 118.	2.0	18
18	Nanomaterial Nitric Oxide Delivery in Traumatic Orthopedic Regenerative Medicine. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 592008.	2.0	11

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19	Isolation and characterization of mesenchymal stem cells in orthopaedics and the emergence of compact bone mesenchymal stem cells as a promising surgical adjunct. <i>World Journal of Stem Cells</i> , 2020, 12, 1341-1353.	1.3	4
20	Platelet-Rich Plasma Improves Metrics of Biologic Mesh Incorporation and Decreases Foreign Body Response in a Dose Dependent Fashion. <i>Journal of the American College of Surgeons</i> , 2019, 229, S108.	0.2	0
21	Emergency response teams in and outside of medicine“structurally crafted to be worlds apart. <i>Journal of Trauma and Acute Care Surgery</i> , 2019, 86, 134-140.	1.1	8
22	Nanometric Considerations in Biofilm Formation. <i>Surgical Infections</i> , 2019, 20, 167-173.	0.7	10
23	Enhancement of gemcitabine cytotoxicity in pancreatic adenocarcinoma through controlled release of nitric oxide. <i>Biomedical Microdevices</i> , 2019, 21, 23.	1.4	2
24	Ultrasound shear wave elastography effectively predicts integrity of ventral hernia repair using acellular dermal matrix augmented with platelet-rich plasma (PRP). <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2019, 33, 2802-2811.	1.3	5
25	Novel therapeutic strategies for degenerative disc disease: Review of cell biology and intervertebral disc cell therapy. <i>SAGE Open Medicine</i> , 2018, 6, 205031211876167.	0.7	50
26	Porcine Acellular Lung Matrix in Wound Healing and Hernia Repair. <i>Recent Clinical Techniques, Results, and Research in Wounds</i> , 2018, , 347-362.	0.1	0
27	The Chemistry of Lyophilized Blood Products. <i>Bioconjugate Chemistry</i> , 2018, 29, 2150-2160.	1.8	13
28	Swirl Sign “Intestinal Volvulus after Roux-en-Y Gastric Bypass. <i>New England Journal of Medicine</i> , 2017, 376, e3.	13.9	1
29	Crosslinking of porcine acellular dermal matrices negatively affects induced neovessel formation using platelet-rich plasma in a rat model of hernia repair. <i>Wound Repair and Regeneration</i> , 2017, 25, 98-108.	1.5	8
30	Nanoantibiotics: a new paradigm for the treatment of surgical infection. <i>Nanomedicine</i> , 2017, 12, 1319-1334.	1.7	35
31	Increased use of surgical energy promotes methicillin-resistant <i>Staphylococcus aureus</i> colonization in rabbits following open ventral hernia mesh repair. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2017, 31, 852-860.	1.3	2
32	Characterization of ventral incisional hernia and repair using shear wave elastography. <i>Journal of Surgical Research</i> , 2017, 210, 244-252.	0.8	6
33	Diagnosis and operative management of a perforated de Garengeot hernia. <i>International Journal of Surgery Case Reports</i> , 2017, 41, 114-116.	0.2	6
34	Case report on the non-operative management of a retrievable inferior vena cava filter perforating the duodenum. <i>International Journal of Surgery Case Reports</i> , 2017, 39, 60-63.	0.2	6
35	Platelet-rich plasma: a biomimetic approach to enhancement of surgical wound healing. <i>Journal of Surgical Research</i> , 2017, 207, 33-44.	0.8	63
36	Perivascular Application of Nitric Oxide Releasing Silica Nanoparticles Reduces Arteriovenous Fistula Neointimal Hyperplasia. <i>Journal of the American College of Surgeons</i> , 2017, 225, S221.	0.2	0

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37	Characterization of Mesenchymal Stem Cells from Human Cortical Bone. <i>International Journal of Translational Science</i> , 2016, 2016, 71-86.	0.2	0
38	Lost in Translation: The Gap in Scientific Advancements and Clinical Application. <i>Frontiers in Bioengineering and Biotechnology</i> , 2016, 4, 43.	2.0	67
39	An unusual presentation of congenital intestinal malrotation in a nonagenarian. <i>International Journal of Surgery Case Reports</i> , 2016, 25, 229-233.	0.2	2
40	Porcine acellular lung matrix for wound healing and abdominal wall reconstruction: A pilot study. <i>Journal of Tissue Engineering</i> , 2016, 7, 204173141562601.	2.3	16
41	Decreased hernia recurrence using autologous platelet-rich plasma (PRP) with Strattice <sup>®</sup> mesh in a rodent ventral hernia model. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2016, 30, 3239-3249.	1.3	25
42	Nitric oxide releasing silica nanoparticles synergize with gemcitabine to enhance cytotoxicity in pancreatic adenocarcinoma. <i>Journal of the American College of Surgeons</i> , 2015, 221, e132.	0.2	0
43	Enhanced osteogenic potential of mesenchymal stem cells from cortical bone: a comparative analysis. <i>Stem Cell Research and Therapy</i> , 2015, 6, 203.	2.4	44
44	Endplate changes following discectomy: natural history and associations between imaging and clinical data. <i>European Spine Journal</i> , 2015, 24, 2449-2457.	1.0	33
45	Platelet rich plasma enhances tissue incorporation of biologic mesh. <i>Journal of Surgical Research</i> , 2015, 199, 412-419.	0.8	28
46	Platelet-Rich Plasma Enhances Mechanical Properties of Non-Crosslinked Acellular Dermal Matrices in Rat Model of Ventral Hernia Repair. <i>Journal of the American College of Surgeons</i> , 2015, 221, S76.	0.2	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. <i>Journal of the American College of Surgeons</i> , 2014, 219, S65.	0.2	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. <i>Cytotherapy</i> , 2014, 16, S74.	0.3	0
51	Platelet rich plasma enhances tissue deposition through increased early neovascularization on porcine acellular dermal matrices. <i>Journal of the American College of Surgeons</i> , 2013, 217, S85.	0.2	0
52	A nanostructured lidocaine delivery system decreases postsurgical pain in Lewis rats. <i>Journal of the American College of Surgeons</i> , 2013, 217, S139-S140.	0.2	0
53	Silicon Micro <sup>®</sup> and Nanofabrication for Medicine. <i>Advanced Healthcare Materials</i> , 2013, 2, 632-666.	3.9	67
54	Caudal epidural steroid injections no better than saline epidurals or sham injections for the treatment of chronic lumbar radiculopathy. <i>Evidence-Based Medicine</i> , 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.	0.6	19
56	Physical Dry Etching. , 2012, , 2069-2069.		0
57	Biology Of Aortic Aneurysms And Dissections. Methodist DeBakey Cardiovascular Journal, 2011, 7, 2-7.	0.5	11