

# Kamal Hany Hussein

## List of Publications by Year in descending order

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Version: 2024-02-01

52  
papers

1,130  
citations

394421

19  
h-index

395702

33  
g-index

54  
all docs

54  
docs citations

54  
times ranked

1641  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biocompatibility evaluation of tissue-engineered decellularized scaffolds for biomedical application. <i>Materials Science and Engineering C</i> , 2016, 67, 766-778.	7.3	143
2	Decellularized Liver Extracellular Matrix as Promising Tools for Transplantable Bioengineered Liver Promotes Hepatic Lineage Commitments of Induced Pluripotent Stem Cells. <i>Tissue Engineering - Part A</i> , 2016, 22, 449-460.	3.1	92
3	Fabrication of novel high performance ductile poly(lactic acid) nanofiber scaffold coated with poly(vinyl alcohol) for tissue engineering applications. <i>Materials Science and Engineering C</i> , 2016, 60, 143-150.	7.3	90
4	Heparin-gelatin mixture improves vascular reconstruction efficiency and hepatic function in bioengineered livers. <i>Acta Biomaterialia</i> , 2016, 38, 82-93.	8.3	78
5	Ultrasonicated graphene oxide enhances bone and skin wound regeneration. <i>Materials Science and Engineering C</i> , 2019, 94, 484-492.	7.3	72
6	Graphene oxide-cellulose nanocomposite accelerates skin wound healing. <i>Research in Veterinary Science</i> , 2021, 137, 262-273.	1.9	57
7	Three dimensional culture of HepG2 liver cells on a rat decellularized liver matrix for pharmacological studies. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2016, 104, 263-273.	3.4	44
8	Biocompatibility and hemocompatibility of efficiently decellularized whole porcine kidney for tissue engineering. <i>Journal of Biomedical Materials Research - Part A</i> , 2018, 106, 2034-2047.	4.0	41
9	One-step anodization deposition of anticorrosive bioceramic compounds on AZ31B magnesium alloy for biomedical application. <i>Ceramics International</i> , 2015, 41, 10861-10870.	4.8	37
10	Decellularized hepatic extracellular matrix hydrogel attenuates hepatic stellate cell activation and liver fibrosis. <i>Materials Science and Engineering C</i> , 2020, 116, 111160.	7.3	37
11	Ultrasound-assisted green economic synthesis of hydroxyapatite nanoparticles using eggshell biowaste and study of mechanical and biological properties for orthopedic applications. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 2935-2947.	4.0	36
12	Development of biocompatible tri-layered nanofibers patches with endothelial cells for cardiac tissue engineering. <i>European Polymer Journal</i> , 2020, 129, 109630.	5.4	36
13	Graphene Oxide as a Carrier for Drug Delivery of Methotrexate. <i>Biointerface Research in Applied Chemistry</i> , 2021, 11, 14726-14735.	1.0	36
14	Silver nanoparticles improve structural stability and biocompatibility of decellularized porcine liver. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 273-284.	2.8	30
15	In vitro degradation behavior and cytocompatibility of a bioceramic anodization films on the biodegradable magnesium alloy. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 488, 82-92.	4.7	29
16	Vascular reconstruction: A major challenge in developing a functional whole solid organ graft from decellularized organs. <i>Acta Biomaterialia</i> , 2020, 103, 68-80.	8.3	28
17	Development and Characterization of Cellulose/Iron Acetate Nanofibers for Bone Tissue Engineering Applications. <i>Polymers</i> , 2021, 13, 1339.	4.5	27
18	Sterilization using Electrolyzed Water Highly Retains the Biological Properties in Tissue-Engineered Porcine Liver Scaffold. <i>International Journal of Artificial Organs</i> , 2013, 36, 781-792.	1.4	25

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19	Rapid fabrication of highly porous and biocompatible composite textile tubular scaffold for vascular tissue engineering. <i>European Polymer Journal</i> , 2017, 96, 27-43.	5.4	22
20	In vitro Bioactivity and Osteogenic Activity Study of Solid State Synthesized Nano-Hydroxyapatite using Recycled Eggshell Bio-waste. <i>ChemistrySelect</i> , 2016, 1, 3901-3908.	1.5	19
21	New insights into the pros and cons of cross-linking decellularized bioartificial organs. <i>International Journal of Artificial Organs</i> , 2017, 40, 136-141.	1.4	19
22	Fabrication of a Biodegradable Xenoantigen-Free Rat Liver Scaffold for Potential Drug Screening Applications. <i>Transplantation Proceedings</i> , 2013, 45, 3092-3096.	0.6	17
23	Amorphous apatite thin film formation on a biodegradable Mg alloy for bone regeneration: strategy, characterization, biodegradation, and in vitro cell study. <i>RSC Advances</i> , 2016, 6, 22563-22574.	3.6	17
24	Enhancement of critical-sized bone defect regeneration using UiO-66 nanomaterial in rabbit femurs. <i>BMC Veterinary Research</i> , 2022, 18, .	1.9	15
25	Construction of a Biocompatible Decellularized Porcine Hepatic Lobe for Liver Bioengineering. <i>International Journal of Artificial Organs</i> , 2015, 38, 96-104.	1.4	13
26	Incorporation of nanoparticles into transplantable decellularized matrices: Applications and challenges. <i>International Journal of Artificial Organs</i> , 2018, 41, 421-430.	1.4	9
27	Custom-made artificial eyes using 3D printing for dogs: A preliminary study. <i>PLoS ONE</i> , 2020, 15, e0242274.	2.5	9
28	Hepatic cell encapsulation using a decellularized liver scaffold. <i>Biomedical Engineering Letters</i> , 2015, 5, 58-64.	4.1	8
29	Decellularized human umbilical artery: Biocompatibility and in vivo functionality in sheep carotid bypass model. <i>Materials Science and Engineering C</i> , 2020, 112, 110955.	7.3	6
30	New insights into the pros and cons of cross-linking decellularized bioartificial organs. <i>International Journal of Artificial Organs</i> , 2017, 40, 136-141.	1.4	6
31	A novel mouse model of diabetes mellitus using unilateral nephrectomy. <i>Laboratory Animals</i> , 2016, 50, 88-93.	1.0	5
32	Hepatic Differentiation of Porcine Embryonic Stem Cells for Translational Research of Hepatocyte Transplantation. <i>Transplantation Proceedings</i> , 2015, 47, 775-779.	0.6	4
33	Development of conductive polymeric nanofiber patches for cardiac tissue engineering application. <i>Journal of Applied Polymer Science</i> , 2022, 139, .	2.6	4
34	Kidney injury molecule-1 is involved in the chemotactic migration of mesenchymal stem cells. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2014, 50, 648-655.	1.5	3
35	Generation of liver-specific TGF- $\beta$ -Myc-overexpressing porcine induced pluripotent stem-like cells and blastocyst formation using nuclear transfer. <i>Journal of Veterinary Medical Science</i> , 2016, 78, 709-713.	0.9	3
36	Small diameter polycaprolactone vascular grafts are patent in sheep carotid bypass but require antithrombotic therapy. <i>Regenerative Medicine</i> , 2021, 16, 117-130.	1.7	3

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37	In vitro and in vivo Effects of a Single Dose of Bupivacaine 5% on Donkey Chondrocytes. <i>Frontiers in Veterinary Science</i> , 2021, 8, 661426.	2.2	3
38	Mouse Adipose Tissue-Derived Adult Stem Cells Expressed Osteogenic Specific Transcripts of Osteocalcin and Parathyroid Hormone Receptor During Osteogenesis. <i>Transplantation Proceedings</i> , 2013, 45, 3102-3107.	0.6	2
39	Surgical management of vesicoureteral reflux with recurrent urinary tract infection after renal transplantation in a dog. <i>Journal of the American Veterinary Medical Association</i> , 2016, 248, 309-314.	0.5	2
40	Identifying the Degree of Major Histocompatibility Complex Matching in Genetically Unrelated Dogs With the Use of Microsatellite Markers. <i>Transplantation Proceedings</i> , 2015, 47, 780-783.	0.6	1
41	Effect of Topical Cyclopentolate 1% on Ocular Ultrasonographic Features, Intraocular Pressure, Tear Production, and Pupil Size in Normal Donkeys ( <i>Equus Asinus</i> ). <i>Journal of Equine Veterinary Science</i> , 2021, 104, 103700.	0.9	1
42	Congenital urethral dilatation in cattle calves: Diagnosis and surgical intervention. <i>Veterinary World</i> , 2020, 13, 261-265.	1.7	1
43	Novel Method of Sterilization of Porcine Liver Bio-Scaffold Using the Electrolyzed Water. <i>Transplantation</i> , 2012, 94, 579.	1.0	0
44	Functional Recovery after Acute Kidney Injury in Mice Treated with a Combination of Matrigel and Bone Marrow-Derived Mesenchymal Stem Cells. <i>Transplantation</i> , 2012, 94, 591.	1.0	0
45	The Effects of Sterilization on the Biological Properties of Tissue-Engineered Porcine Liver. <i>Transplantation</i> , 2012, 94, 574.	1.0	0
46	Surgical correction of salivary fistula in a buffalo ( <i>Bubalis bubalis</i> ) using a polyethylene tube as a stent. <i>International Journal for Agro Veterinary and Medical Sciences</i> , 2012, 6, 69.	0.1	0
47	Emphysematous pyelonephritis associated with calcium oxalate uroliths detected on computed tomography in an awake dog. <i>Korean Journal of Veterinary Research</i> , 2020, 60, 93-96.	0.3	0
48	Custom-made artificial eyes using 3D printing for dogs: A preliminary study. , 2020, 15, e0242274.		0
49	Custom-made artificial eyes using 3D printing for dogs: A preliminary study. , 2020, 15, e0242274.		0
50	Custom-made artificial eyes using 3D printing for dogs: A preliminary study. , 2020, 15, e0242274.		0
51	Custom-made artificial eyes using 3D printing for dogs: A preliminary study. , 2020, 15, e0242274.		0
52	Custom-made artificial eyes using 3D printing for dogs: A preliminary study. , 2020, 15, e0242274.		0