

# Mehran Dadras

## List of Publications by Year in descending order

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Version: 2024-02-01

56  
papers

839  
citations

623188

14  
h-index

552369

26  
g-index

58  
all docs

58  
docs citations

58  
times ranked

1160  
citing authors

#	ARTICLE	IF	CITATIONS
1	Wnt Pathway in Bone Repair and Regeneration – What Do We Know So Far. <i>Frontiers in Cell and Developmental Biology</i> , 2018, 6, 170.	1.8	180
2	Anastomotic leak predicts diminished long-term survival after resection for gastric and esophageal cancer. <i>Surgery</i> , 2016, 160, 191-203.	1.0	64
3	Liposuction in the Treatment of Lipedema: A Longitudinal Study. <i>Archives of Plastic Surgery</i> , 2017, 44, 324-331.	0.4	63
4	Age-dependent alterations in osteoblast and osteoclast activity in human cancellous bone. <i>Journal of Cellular and Molecular Medicine</i> , 2017, 21, 2773-2781.	1.6	46
5	Inhibition of GDF8 (Myostatin) accelerates bone regeneration in diabetes mellitus type 2. <i>Scientific Reports</i> , 2017, 7, 9878.	1.6	37
6	Adipose-Derived Stromal Cells Are Capable of Restoring Bone Regeneration After Post-Traumatic Osteomyelitis and Modulate B-Cell Response. <i>Stem Cells Translational Medicine</i> , 2019, 8, 1084-1091.	1.6	24
7	The Impact of Obesity on Outcomes Following Resection for Gastric Cancer. <i>Digestive Surgery</i> , 2017, 34, 133-141.	0.6	23
8	Extracorporeal membrane oxygenation for acute respiratory distress syndrome in burn patients: A case series and literature update. <i>Burns and Trauma</i> , 2019, 7, 28.	2.3	21
9	Diminished bone regeneration after debridement of posttraumatic osteomyelitis is accompanied by altered cytokine levels, elevated B cell activity, and increased osteoclast activity. <i>Journal of Orthopaedic Research</i> , 2017, 35, 2425-2434.	1.2	18
10	Bone allografts combined with adipose-derived stem cells in an optimized cell/volume ratio showed enhanced osteogenesis and angiogenesis in a murine femur defect model. <i>Journal of Molecular Medicine</i> , 2019, 97, 1439-1450.	1.7	18
11	Water-jet-assisted liposuction for the treatment of lipedema: Standardized treatment protocol and results of 63 patients. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2020, 73, 1637-1644.	0.5	18
12	Enzymatic debridement of hands with deep burns: a single center experience in the treatment of 52 hands. <i>Journal of Plastic Surgery and Hand Surgery</i> , 2020, 54, 220-224.	0.4	16
13	Extracorporeal Perfusion in Vascularized Composite Allotransplantation. <i>Annals of Plastic Surgery</i> , 2018, 80, 669-678.	0.5	15
14	Interaction with the GDF8/11 pathway reveals treatment options for adenocarcinoma of the breast. <i>Breast</i> , 2018, 37, 134-141.	0.9	14
15	The Impact of Surgical Margins and Adjuvant Radiotherapy in Patients with Undifferentiated Pleomorphic Sarcomas of the Extremities: A Single-Institutional Analysis of 192 Patients. <i>Cancers</i> , 2020, 12, 362.	1.7	14
16	Incidence and Risk Factors of Symptomatic Hiatal Hernia Following Resection for Gastric and Esophageal Cancer. <i>Anticancer Research</i> , 2017, 37, 7031-7036.	0.5	14
17	A novel titanium implant surface modification by plasma electrolytic oxidation (PEO) preventing tendon adhesion. <i>Materials Science and Engineering C</i> , 2021, 123, 112030.	3.8	13
18	P2000 - A high-nitrogen austenitic steel for application in bone surgery. <i>PLoS ONE</i> , 2019, 14, e0214384.	1.1	12

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19	Alterations in pectoralis muscle cell characteristics after radiation of the human breast in situ. <i>Journal of Radiation Research</i> , 2019, 60, 825-830.	0.8	11
20	Fluid Management as a Risk Factor for Intra-abdominal Compartment Syndrome in Burn Patients: A Total Body Surface Area-Independent Multicenter Trial Part I. <i>Journal of Burn Care and Research</i> , 2019, 40, 500-506.	0.2	11
21	Predictors of oncologic outcome in patients with and without flap reconstruction after extremity and truncal soft tissue sarcomas. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2020, 73, 1239-1252.	0.5	11
22	Myostatin Deficiency Protects C2C12 Cells from Oxidative Stress by Inhibiting Intrinsic Activation of Apoptosis. <i>Cells</i> , 2021, 10, 1680.	1.8	11
23	Myostatin Upregulation in Patients in the Chronic Phase of Severe Burn Injury Leads to Muscle Cell Catabolism. <i>European Surgical Research</i> , 2019, 60, 86-96.	0.6	10
24	Inflammatory processes and elevated osteoclast activity chaperon atrophic non-union establishment in a murine model. <i>Journal of Translational Medicine</i> , 2019, 17, 416.	1.8	10
25	Long-term results of bacterial septic arthritis of the wrist. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2018, 71, 1138-1145.	0.5	9
26	Local Wnt3a treatment restores bone regeneration in large osseous defects after surgical debridement of osteomyelitis. <i>Journal of Molecular Medicine</i> , 2020, 98, 897-906.	1.7	9
27	Deficiency of myostatin protects skeletal muscle cells from ischemia reperfusion injury. <i>Scientific Reports</i> , 2021, 11, 12572.	1.6	9
28	The Use of Intact Fish Skin as a Novel Treatment Method for Deep Dermal Burns Following Enzymatic Debridement: A Retrospective Case-Control Study. <i>European Journal of Burn Care</i> , 2022, 3, 43-55.	0.4	9
29	The Search for the Ideal Female Breast: A Nationally Representative United-States-Census Study. <i>Aesthetic Plastic Surgery</i> , 2022, , 1.	0.5	9
30	Risk Factors for Occurrence and Relapse of Soft Tissue Sarcoma. <i>Cancers</i> , 2022, 14, 1273.	1.7	9
31	A chronic rejection model and potential biomarkers for vascularized composite allotransplantation. <i>PLoS ONE</i> , 2020, 15, e0235266.	1.1	8
32	Maggot Extract Interrupts Bacterial Biofilm Formation and Maturation in Combination with Antibiotics by Reducing the Expression of Virulence Genes. <i>Life</i> , 2022, 12, 237.	1.1	8
33	Activin Receptor 2 Antagonization Impairs Adipogenic and Enhances Osteogenic Differentiation in Mouse Adipose-Derived Stem Cells and Mouse Bone Marrow-Derived Stem Cells In Vitro and In Vivo. <i>Stem Cells and Development</i> , 2019, 28, 384-397.	1.1	7
34	Comparative proteomic analysis of osteogenic differentiated human adipose tissue and bone marrow-derived stromal cells. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 11814-11827.	1.6	7
35	TGF $\beta$ pathway inhibition as the therapeutic acceleration of diabetic bone regeneration. <i>Journal of Orthopaedic Research</i> , 2022, 40, 1810-1826.	1.2	7
36	Body mass index and abdominal wall thickness correlate with perforator caliber in free abdominal tissue transfer for breast reconstruction. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2020, 73, 494-500.	0.5	6

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37	TNF- $\alpha$ modulation via Etanercept restores bone regeneration of atrophic non-unions. <i>Bone</i> , 2020, 141, 115569.	1.4	6
38	Wound complications are a predictor of worse oncologic outcome in extremity soft tissue sarcomas. <i>Surgical Oncology</i> , 2020, 33, 126-134.	0.8	6
39	Inhibition of Pathological Increased Matrix Metalloproteinase (MMP) Activity for Improvement of Bone Regeneration in Diabetes. <i>Life</i> , 2022, 12, 134.	1.1	6
40	Negative Impact of Wound Complications on Oncologic Outcome of Soft Tissue Sarcomas of the Chest Wall. <i>Cancers</i> , 2020, 12, 101.	1.7	5
41	Antibiotic prophylaxis for prevention of wound infections after soft tissue sarcoma resection: A retrospective cohort study. <i>Journal of Surgical Oncology</i> , 2020, 122, 1685-1692.	0.8	5
42	Role of Autonomous Neuropathy in Diabetic Bone Regeneration. <i>Cells</i> , 2022, 11, 612.	1.8	5
43	Regulatory aspects of myogenic factors GDF-8 and Follistatin on the intake of combined oral contraceptives. <i>Gynecological Endocrinology</i> , 2020, 36, 406-412.	0.7	4
44	Closed-Incision Negative-Pressure Wound Therapy after Resection of Soft-Tissue Tumors Reduces Wound Complications: Results of a Randomized Trial. <i>Plastic and Reconstructive Surgery</i> , 2022, 149, 972e-980e.	0.7	4
45	Superior Enhancement of Cutaneous Microcirculation Due to "Cyclic" Application of a Negative Pressure Wound Therapy Device in Humans " Local and Remote Effects. <i>Frontiers in Surgery</i> , 2022, 9, 822122.	0.6	4
46	Prophylactic lymphaticovenous anastomoses for resection of soft tissue tumors of the thigh to prevent secondary lymphedema" a retrospective comparative cohort analysis. <i>Microsurgery</i> , 2022, 42, 239-245.	0.6	4
47	A spiked human proteomic dataset from human osteogenic differentiated BMSCs and ASCs for use as a spectral library, for modelling pathways as well as protein mapping. <i>Data in Brief</i> , 2019, 27, 104748.	0.5	3
48	Limb preserving surgery for soft-tissue sarcoma in the hand: a retrospective study of 51 cases. <i>Journal of Hand Surgery: European Volume</i> , 2020, 45, 629-635.	0.5	3
49	A Highly Reliable Convolutional Neural Network Based Soft Tissue Sarcoma Metastasis Detection from Chest X-ray Images: A Retrospective Cohort Study. <i>Cancers</i> , 2021, 13, 4961.	1.7	3
50	Long-term Outcome of 181 Patients With Liposarcomas of the Extremity and Truncal Wall. <i>Anticancer Research</i> , 2019, 39, 5747-5753.	0.5	2
51	Mechanical ventilation as a surrogate for diagnosing the onset of abdominal compartment syndrome (ACS) in severely burned patients (TIRIFIC-study Part II). <i>Burns</i> , 2020, 46, 1320-1327.	1.1	2
52	Comparative analysis of clinical outcome and quality of life between amputations and combined bone and flap reconstructions at the lower leg. <i>Disability and Rehabilitation</i> , 2022, 44, 6744-6748.	0.9	2
53	Wnt3a and ASCs are capable of restoring mineralization in staph aureus-infected primary murine osteoblasts. <i>Journal of Bone and Mineral Metabolism</i> , 2022, 40, 20-28.	1.3	2
54	Negative pressure-induced hyperemia, a new modality in the monitoring of skin paddle containing free flaps. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2019, 72, 1963-1970.	0.5	1

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55	Posttraumatic Lymphedema after Open Fractures of the Lower Extremityâ€”A Retrospective Cohort Analysis. <i>Journal of Personalized Medicine</i> , 2021, 11, 1077.	1.1	1
56	Hierarchical Ceramic Coating Reduces Adherence of Cells, Blood, Bacteria, and Tissue on Titanium Microsurgical Instruments. <i>Journal of Reconstructive Microsurgery</i> , 2021, , .	1.0	0