

Jagdeep Nanchahal

List of Publications by Year in descending order

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Version: 2024-02-01

89
papers

4,653
citations

126907

33
h-index

102487

66
g-index

144
all docs

144
docs citations

144
times ranked

5985
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of interleukin-1 β in postoperative cognitive dysfunction. <i>Annals of Neurology</i> , 2010, 68, 360-368.	5.3	623
2	Anti-TNF therapy: past, present and future. <i>International Immunology</i> , 2015, 27, 55-62.	4.0	455
3	Alarmins: awaiting a clinical response. <i>Journal of Clinical Investigation</i> , 2012, 122, 2711-2719.	8.2	408
4	TNF- α promotes fracture repair by augmenting the recruitment and differentiation of muscle-derived stromal cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 1585-1590.	7.1	319
5	Management of severe open tibial fractures. <i>Journal of Bone and Joint Surgery: British Volume</i> , 2006, 88-B, 351-357.	3.4	208
6	Comparison of the healing of open tibial fractures covered with either muscle or fasciocutaneous tissue in a murine model. <i>Journal of Orthopaedic Research</i> , 2008, 26, 1238-1244.	2.3	128
7	Soft-Tissue Reconstruction of Open Fractures of the Lower Limb. <i>Plastic and Reconstructive Surgery</i> , 2012, 130, 284e-295e.	1.4	123
8	Unraveling the signaling pathways promoting fibrosis in Dupuytren's disease reveals TNF as a therapeutic target. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E928-37.	7.1	112
9	Influence of steroids and methotrexate on wound complications after elective rheumatoid hand and wrist surgery. <i>Journal of Hand Surgery</i> , 2002, 27, 449-455.	1.6	111
10	Membrane type 1 matrix metalloproteinase is a crucial promoter of synovial invasion in human rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 2009, 60, 686-697.	6.7	111
11	Low-dose TNF augments fracture healing in normal and osteoporotic bone by up-regulating the innate immune response. <i>EMBO Molecular Medicine</i> , 2015, 7, 547-561.	6.9	102
12	Optimal functional outcome measures for assessing treatment for Dupuytren's disease: a systematic review and recommendations for future practice. <i>BMC Musculoskeletal Disorders</i> , 2013, 14, 131.	1.9	93
13	New grafts for old? A review of alternatives to autologous skin. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 1992, 45, 354-363.	1.1	89
14	Fully reduced HMGB1 accelerates the regeneration of multiple tissues by transitioning stem cells to G ₁ . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E4463-E4472.	7.1	89
15	Advances in the Modulation of Cutaneous Wound Healing and Scarring. <i>BioDrugs</i> , 2005, 19, 363-381.	4.6	82
16	Predicting the Outcome of Surgery for the Proximal Interphalangeal Joint in Dupuytren's Disease. <i>Journal of Hand Surgery</i> , 2007, 32, 240-245.	1.6	79
17	Production of cytokines, vascular endothelial growth factor, matrix metalloproteinases, and tissue inhibitor of metalloproteinases 1 by tenosynovium demonstrates its potential for tendon destruction in rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 2001, 44, 1754-1760.	6.7	74
18	TREM-1 expression is increased in the synovium of rheumatoid arthritis patients and induces the expression of pro-inflammatory cytokines. <i>Rheumatology</i> , 2009, 48, 1352-1358.	1.9	73

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19	Comparison of the Vascularity of Fasciocutaneous Tissue and Muscle for Coverage of Open Tibial Fractures. Plastic and Reconstructive Surgery, 2009, 124, 1211-1219.	1.4	70
20	Myofibroblast Distribution in Dupuytren's Cords: Correlation With Digital Contracture. Journal of Hand Surgery, 2009, 34, 1785-1794.	1.6	69
21	A Genome-wide Association Study of Dupuytren Disease Reveals 17 Additional Variants Implicated in Fibrosis. American Journal of Human Genetics, 2017, 101, 417-427.	6.2	67
22	Systematic review of non-surgical treatments for early Dupuytren's disease. BMC Musculoskeletal Disorders, 2016, 17, 345.	1.9	58
23	Acute compartment syndrome of the leg. BMJ: British Medical Journal, 2002, 325, 557-558.	2.3	55
24	Leg Length Preservation with Pedicled Fillet of Foot Flaps after Traumatic Amputations. Plastic and Reconstructive Surgery, 2005, 115, 498-505.	1.4	54
25	Anti-TNF Therapy. Microbiology Spectrum, 2016, 4, .	3.0	50
26	CULTURED COMPOSITE SKIN GRAFTS: BIOLOGICAL SKIN EQUIVALENTS PERMITTING MASSIVE EXPANSION. Lancet, The, 1989, 334, 191-193.	13.7	46
27	Preclinical target validation using patient-derived cells. Nature Reviews Drug Discovery, 2015, 14, 149-150.	46.4	46
28	Identifying collagen VI as a target of fibrotic diseases regulated by CREBBP/EP300. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 20753-20763.	7.1	45
29	The methodology of negative pressure wound therapy: Separating fact from fiction. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2012, 65, 989-1001.	1.0	41
30	Anti-Tumour Necrosis Factor Therapy for Dupuytren's Disease: A Randomised Dose Response Proof of Concept Phase 2a Clinical Trial. EBioMedicine, 2018, 33, 282-288.	6.1	39
31	Management of Severe Open Ankle Injuries. Plastic and Reconstructive Surgery, 2007, 119, 578-589.	1.4	37
32	Collagen VI as a driver and disease biomarker in human fibrosis. FEBS Journal, 2022, 289, 3603-3629.	4.7	37
33	Why haematomas cause flap failure: An evidence-based paradigm. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2012, 65, 903-910.	1.0	34
34	Pyoderma gangrenosum occurring in a lower limb fasciocutaneous flap – a lesson to learn. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2000, 53, 437-440.	1.1	33
35	The ortho-plastic management of Gustilo grade IIIB fractures of the tibia in children: A systematic review of the literature. Injury, 2009, 40, 876-879.	1.7	31
36	Isometric Contraction of Dupuytren's Myofibroblasts Is Inhibited by Blocking Intercellular Junctions. Journal of Investigative Dermatology, 2013, 133, 2664-2671.	0.7	29

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37	Research options for plastic surgical trainees. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2002, 55, 427-429.	1.1	28
38	Does negative-pressure wound therapy influence subjacent bacterial growth? A systematic review. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2017, 70, 1028-1037.	1.0	27
39	Recent advances in the understanding of Dupuytren's disease. F1000Research, 2019, 8, 231.	1.6	25
40	Post-transcriptional regulation of α -smooth muscle actin determines the contractile phenotype of Dupuytren's nodular cells. Journal of Cellular Physiology, 2010, 224, 681-690.	4.1	24
41	Outcomes of anterolateral thigh free flap thinning using liposuction following lower limb trauma. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2012, 65, 474-481.	1.0	24
42	MicroRNA Epigenetics. BioDrugs, 2011, 25, 27-41.	4.6	23
43	Strategies to overcome the hurdles to treat fibrosis, a major unmet clinical need. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 7291-7293.	7.1	23
44	Cellular census of human fibrosis defines functionally distinct stromal cell types and states. Nature Communications, 2020, 11, 2768.	12.8	23
45	Identification of TNFR2 and IL-33 as therapeutic targets in localized fibrosis. Science Advances, 2019, 5, eaay0370.	10.3	22
46	Delayed amputation following trauma increases residual lower limb infection. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2013, 66, 531-537.	1.0	20
47	Reconstructive Surgery in Limbs. Annals of Plastic Surgery, 2011, 66, 6-8.	0.9	19
48	Treatment of rheumatoid tenosynovitis with cytokine inhibitors. Lancet, The, 2002, 360, 1565-1566.	13.7	15
49	USE OF GAUZE SOAKED IN POVIDONE IODINE FOR DRESSING ACUTE OPEN WOUNDS. Plastic and Reconstructive Surgery, 2003, 111, 2105-2107.	1.4	15
50	Study protocol: A multi-centre, double blind, randomised, placebo-controlled, parallel group, phase II trial (RIDD) to determine the efficacy of intra-nodular injection of anti-TNF to control disease progression in early Dupuytren's disease, with an embedded dose response study.. Wellcome Open Research, 2017, 2, 37.	1.8	15
51	The role of matrix metalloproteinases in rheumatoid tendon disease. Journal of Hand Surgery, 2002, 27, 1059-1064.	1.6	14
52	Targeting Rheumatoid Tenosynovial Angiogenesis with Cytokine Inhibitors. Clinical Orthopaedics and Related Research, 2006, 446, 268-277.	1.5	13
53	Study protocol: A multi-centre, double blind, randomised, placebo-controlled, parallel group, phase II trial (RIDD) to determine the efficacy of intra-nodular injection of anti-TNF to control disease progression in early Dupuytren's disease, with an embedded dose response study.. Wellcome Open Research, 2017, 2, 37.	1.8	13
54	A vasculature niche orchestrates stromal cell phenotype through PDGF signaling: Importance in human fibrotic disease. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2120336119.	7.1	13

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55	Standard wound management versus negative-pressure wound therapy in the treatment of adult patients having surgical incisions for major trauma to the lower limb—a two-arm parallel group superiority randomised controlled trial: protocol for Wound Healing in Surgery for Trauma (WHIST). <i>BMJ Open</i> , 2018, 8, e022115.	1.9	12
56	Effects of Extensor Synovectomy and Excision of the Distal Ulna in Rheumatoid Arthritis on Long-Term Function. <i>Journal of Hand Surgery</i> , 2010, 35, 1442-1448.	1.6	11
57	Evaluating optimal superficial limb perfusion at different angles using non-invasive micro-lightguide spectrophotometry. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2013, 66, 821-826.	1.0	11
58	What do we know about managing Dupuytren's disease cost-effectively?. <i>BMC Musculoskeletal Disorders</i> , 2018, 19, 34.	1.9	11
59	Cost-utility analysis of standard dressing compared with incisional negative-pressure wound therapy among patients with closed surgical wounds following major trauma to the lower limb. <i>Bone and Joint Journal</i> , 2020, 102-B, 1072-1081.	4.4	11
60	Autofluorescence Lifetime Reports Cartilage Damage in Osteoarthritis. <i>Scientific Reports</i> , 2020, 10, 2154.	3.3	11
61	Ulnar-sided cleft hand. <i>Journal of Hand Surgery</i> , 2002, 27, 493-497.	1.6	10
62	Negative-pressure wound therapy compared with standard dressings following surgical treatment of major trauma to the lower limb: the WHIST RCT. <i>Health Technology Assessment</i> , 2020, 24, 1-86.	2.8	10
63	Anti-tumour necrosis factor therapy for early-stage Dupuytren's disease (RIDD): a phase 2b, randomised, double-blind, placebo-controlled trial. <i>Lancet Rheumatology</i> , The, 2022, 4, e407-e416.	3.9	10
64	International Lower Limb Collaborative (INTELLECT) study: a multicentre, international retrospective audit of lower extremity open fractures. <i>British Journal of Surgery</i> , 2022, 109, 792-795.	0.3	7
65	Single cell force profiling of human myofibroblasts reveals a biophysical spectrum of cell states. <i>Biology Open</i> , 2020, 9, .	1.2	6
66	Strategies to secure surgical research funding: fellowships and grants. <i>JRSM Open</i> , 2014, 5, 204253331350551.	0.5	5
67	Safety and effectiveness of early compression of free flaps following lower limb reconstruction: A systematic review. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2020, 73, 1604-1611.	1.0	5
68	Accuracy of infrared thermography for perforator mapping: A systematic review and meta-analysis of diagnostic studies. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2021, 74, 1173-1179.	1.0	5
69	Anti-TNF Therapy. , 2017, , 637-648.		4
70	Timing of antibiotic administration, wound debridement, and the stages of reconstructive surgery for open long bone fractures of the upper and lower limbs. <i>The Cochrane Library</i> , 2022, 2022, CD013555.	2.8	4
71	External Fixation Design Strategies in the Management of Severe Open Tibial Fractures. <i>Techniques in Orthopaedics</i> , 2002, 17, 153-172.	0.2	3
72	Invasive Potential of Human Rheumatoid Tenosynovial Cells Is in Part MT1-MMP Dependent. <i>Journal of Hand Surgery</i> , 2009, 34, 1282-1290.	1.6	3

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73	Reply. Plastic and Reconstructive Surgery, 2013, 131, 448e-449e.	1.4	3
74	Standards for treatment of open lower limb fractures maintained in spite of the COVID-19 pandemic: Results from an international, multi-centric, retrospective cohort study. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2021, 74, 1633-1701.	1.0	3
75	Alternative physical treatments for deep venous thrombosis prophylaxis in surgical patients: a systematic review. Physiotherapy, 2021, 113, 73-79.	0.4	3
76	Economic evaluation plan of a randomised controlled trial of intra-nodular injection of anti-TNF and placebo among patients with early Dupuytren's disease: Repurposing Anti-TNF for Treating Dupuytren's Disease (RIDD). Wellcome Open Research, 2018, 3, 156.	1.8	3
77	Development of guidelines for the management of patients with open fractures: The potential cost-savings of international collaboration. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2022, 75, 439-488.	1.0	3
78	Tonometry as an Outcome Measure for the Treatment of Early Dupuytren Disease. , 2017, , 205-209.		3
79	Open tibial fractures. Orthopaedics and Trauma, 2017, 31, 125-132.	0.4	2
80	Tumour Necrosis Factor as a Therapeutic Target in Dupuytren Disease. , 2017, , 63-71.		2
81	The bra-strap injury. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2002, 55, 453-454.	1.1	1
82	Anti-TNF Therapy: 20 Years from Our First Therapeutic Adventure. , 2014, , 215-244.		1
83	Timing and staging of antibiotic administration and surgery for open long bone fractures of the upper and lower limbs. The Cochrane Library, 0, , .	2.8	1
84	Safety and effectiveness of negative pressure therapy on free flaps following lower limb reconstruction: A systematic review. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2021, 74, 407-447.	1.0	1
85	Economic evaluation plan of a randomised controlled trial of intra-nodular injection of anti-TNF and placebo among patients with early Dupuytren's disease: Repurposing Anti-TNF for Treating Dupuytren's Disease (RIDD). Wellcome Open Research, 2018, 3, 156.	1.8	1
86	Anti-TNF (adalimumab) injection for the treatment of adults with frozen shoulder during the pain predominant stage protocol for a multi-centre, randomised, double blind, parallel group, feasibility trial. NIHR Open Research, 0, 2, 28.	0.0	1
87	Acute compartment syndrome: reducing the risk. Clinical Risk, 2008, 14, 114-118.	0.1	0
88	Plastic, Reconstructive and Aesthetic Surgery: Current Trends and Recent Innovations. , 2010, , 923-940.		0
89	Controversy: The Contracture in Dupuytren Disease Is an Active Process. , 2017, , 83-87.		0