

Jagdeep Nanchahal

List of Publications by Year in descending order

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Version: 2024-02-01

89
papers

4,653
citations

126708

33
h-index

102304

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.	2.8	623
2	Anti-TNF therapy: past, present and future. <i>International Immunology</i> , 2015, 27, 55-62.	1.8	455
3	Alarmins: awaiting a clinical response. <i>Journal of Clinical Investigation</i> , 2012, 122, 2711-2719.	3.9	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.	3.3	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.	1.2	128
7	Soft-Tissue Reconstruction of Open Fractures of the Lower Limb. <i>Plastic and Reconstructive Surgery</i> , 2012, 130, 284e-295e.	0.7	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.	3.3	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.	0.7	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.	3.3	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.	0.8	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 ₀ . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E4463-E4472.	3.3	89
15	Advances in the Modulation of Cutaneous Wound Healing and Scarring. <i>BioDrugs</i> , 2005, 19, 363-381.	2.2	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.	0.7	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.	0.9	73

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19	Comparison of the Vascularity of Fasciocutaneous Tissue and Muscle for Coverage of Open Tibial Fractures. <i>Plastic and Reconstructive Surgery</i> , 2009, 124, 1211-1219.	0.7	70
20	Myofibroblast Distribution in Dupuytren's Cords: Correlation With Digital Contracture. <i>Journal of Hand Surgery</i> , 2009, 34, 1785-1794.	0.7	69
21	A Genome-wide Association Study of Dupuytren Disease Reveals 17 Additional Variants Implicated in Fibrosis. <i>American Journal of Human Genetics</i> , 2017, 101, 417-427.	2.6	67
22	Systematic review of non-surgical treatments for early Dupuytren's disease. <i>BMC Musculoskeletal Disorders</i> , 2016, 17, 345.	0.8	58
23	Acute compartment syndrome of the leg. <i>BMJ: British Medical Journal</i> , 2002, 325, 557-558.	2.4	55
24	Leg Length Preservation with Pedicled Fillet of Foot Flaps after Traumatic Amputations. <i>Plastic and Reconstructive Surgery</i> , 2005, 115, 498-505.	0.7	54
25	Anti-TNF Therapy. <i>Microbiology Spectrum</i> , 2016, 4, .	1.2	50
26	CULTURED COMPOSITE SKIN GRAFTS: BIOLOGICAL SKIN EQUIVALENTS PERMITTING MASSIVE EXPANSION. <i>Lancet, The</i> , 1989, 334, 191-193.	6.3	46
27	Preclinical target validation using patient-derived cells. <i>Nature Reviews Drug Discovery</i> , 2015, 14, 149-150.	21.5	46
28	Identifying collagen VI as a target of fibrotic diseases regulated by CREBBP/EP300. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 20753-20763.	3.3	45
29	The methodology of negative pressure wound therapy: Separating fact from fiction. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2012, 65, 989-1001.	0.5	41
30	Anti-Tumour Necrosis Factor Therapy for Dupuytren's Disease: A Randomised Dose Response Proof of Concept Phase 2a Clinical Trial. <i>EBioMedicine</i> , 2018, 33, 282-288.	2.7	39
31	Management of Severe Open Ankle Injuries. <i>Plastic and Reconstructive Surgery</i> , 2007, 119, 578-589.	0.7	37
32	Collagen VI as a driver and disease biomarker in human fibrosis. <i>FEBS Journal</i> , 2022, 289, 3603-3629.	2.2	37
33	Why haematomas cause flap failure: An evidence-based paradigm. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2012, 65, 903-910.	0.5	34
34	Pyoderma gangrenosum occurring in a lower limb fasciocutaneous flap – a lesson to learn. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 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. <i>Injury</i> , 2009, 40, 876-879.	0.7	31
36	Isometric Contraction of Dupuytren's Myofibroblasts Is Inhibited by Blocking Intercellular Junctions. <i>Journal of Investigative Dermatology</i> , 2013, 133, 2664-2671.	0.3	29

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37	Research options for plastic surgical trainees. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2002, 55, 427-429.	1.1	28
38	Does negative-pressure wound therapy influence subjacent bacterial growth? A systematic review. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2017, 70, 1028-1037.	0.5	27
39	Recent advances in the understanding of Dupuytren's disease. <i>F1000Research</i> , 2019, 8, 231.	0.8	25
40	Post-transcriptional regulation of α -smooth muscle actin determines the contractile phenotype of Dupuytren's nodular cells. <i>Journal of Cellular Physiology</i> , 2010, 224, 681-690.	2.0	24
41	Outcomes of anterolateral thigh free flap thinning using liposuction following lower limb trauma. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2012, 65, 474-481.	0.5	24
42	MicroRNA Epigenetics. <i>BioDrugs</i> , 2011, 25, 27-41.	2.2	23
43	Strategies to overcome the hurdles to treat fibrosis, a major unmet clinical need. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 7291-7293.	3.3	23
44	Cellular census of human fibrosis defines functionally distinct stromal cell types and states. <i>Nature Communications</i> , 2020, 11, 2768.	5.8	23
45	Identification of TNFR2 and IL-33 as therapeutic targets in localized fibrosis. <i>Science Advances</i> , 2019, 5, eaay0370.	4.7	22
46	Delayed amputation following trauma increases residual lower limb infection. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2013, 66, 531-537.	0.5	20
47	Reconstructive Surgery in Limbs. <i>Annals of Plastic Surgery</i> , 2011, 66, 6-8.	0.5	19
48	Treatment of rheumatoid tenosynovitis with cytokine inhibitors. <i>Lancet, The</i> , 2002, 360, 1565-1566.	6.3	15
49	USE OF GAUZE SOAKED IN POVIDONE IODINE FOR DRESSING ACUTE OPEN WOUNDS. <i>Plastic and Reconstructive Surgery</i> , 2003, 111, 2105-2107.	0.7	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.. <i>Wellcome Open Research</i> , 2017, 2, 37.	0.9	15
51	The role of matrix metalloproteinases in rheumatoid tendon disease. <i>Journal of Hand Surgery</i> , 2002, 27, 1059-1064.	0.7	14
52	Targeting Rheumatoid Tenosynovial Angiogenesis with Cytokine Inhibitors. <i>Clinical Orthopaedics and Related Research</i> , 2006, 446, 268-277.	0.7	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.. <i>Wellcome Open Research</i> , 2017, 2, 37.	0.9	13
54	A vasculature niche orchestrates stromal cell phenotype through PDGF signaling: Importance in human fibrotic disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2120336119.	3.3	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>BMI Open</i> , 2018, 8, e022115.	0.8	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.	0.7	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.	0.5	11
58	What do we know about managing Dupuytren's disease cost-effectively?. <i>BMC Musculoskeletal Disorders</i> , 2018, 19, 34.	0.8	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.	1.9	11
60	Autofluorescence Lifetime Reports Cartilage Damage in Osteoarthritis. <i>Scientific Reports</i> , 2020, 10, 2154.	1.6	11
61	Ulnar-sided cleft hand. <i>Journal of Hand Surgery</i> , 2002, 27, 493-497.	0.7	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.	1.3	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.	2.2	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.	0.1	7
65	Single cell force profiling of human myofibroblasts reveals a biophysical spectrum of cell states. <i>Biology Open</i> , 2020, 9, .	0.6	6
66	Strategies to secure surgical research funding: fellowships and grants. <i>JRSM Open</i> , 2014, 5, 204253331350551.	0.2	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.	0.5	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.	0.5	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.	1.5	4
71	External Fixation Design Strategies in the Management of Severe Open Tibial Fractures. <i>Techniques in Orthopaedics</i> , 2002, 17, 153-172.	0.1	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.	0.7	3

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73	Reply. Plastic and Reconstructive Surgery, 2013, 131, 448e-449e.	0.7	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.	0.5	3
75	Alternative physical treatments for deep venous thrombosis prophylaxis in surgical patients: a systematic review. Physiotherapy, 2021, 113, 73-79.	0.2	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.	0.9	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.	0.5	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.	0.2	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, , .	1.5	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.	0.5	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.	0.9	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