

Jagdeep Nanchahal

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

88
papers

3,550
citations

30
h-index

59
g-index

144
ext. papers

4,117
ext. citations

6.5
avg, IF

5.2
L-index

#	Paper	IF	Citations
88	Role of interleukin-1beta in postoperative cognitive dysfunction. <i>Annals of Neurology</i> , 2010 , 68, 360-8	9.4	484
87	Alarmins: awaiting a clinical response. <i>Journal of Clinical Investigation</i> , 2012 , 122, 2711-9	15.9	347
86	Anti-TNF therapy: past, present and future. <i>International Immunology</i> , 2015 , 27, 55-62	4.9	294
85	TNF-alpha 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, 1585-90	11.5	258
84	Management of severe open tibial fractures: the need for combined orthopaedic and plastic surgical treatment in specialist centres. <i>Journal of Bone and Joint Surgery: British Volume</i> , 2006 , 88, 351-7		165
83	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, 1238-44	3.8	104
82	Influence of steroids and methotrexate on wound complications after elective rheumatoid hand and wrist surgery. <i>Journal of Hand Surgery</i> , 2002 , 27, 449-55	2.6	94
81	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	11.5	92
80	Membrane type 1 matrix metalloproteinase is a crucial promoter of synovial invasion in human rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 2009 , 60, 686-97		86
79	Soft-tissue reconstruction of open fractures of the lower limb: muscle versus fasciocutaneous flaps. <i>Plastic and Reconstructive Surgery</i> , 2012 , 130, 284e-295e	2.7	85
78	New grafts for old? A review of alternatives to autologous skin. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 1992 , 45, 354-63		83
77	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	2.8	77
76	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, 547-61	12	73
75	Predicting the outcome of surgery for the proximal interphalangeal joint in Dupuytren's disease. <i>Journal of Hand Surgery</i> , 2007 , 32, 240-5	2.6	70
74	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, 1754-60		68
73	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, 1352-8	3.9	64
72	Myofibroblast distribution in Dupuytren's cords: correlation with digital contracture. <i>Journal of Hand Surgery</i> , 2009 , 34, 1785-94	2.6	61

71	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	2.7	58
70	Advances in the modulation of cutaneous wound healing and scarring. <i>BioDrugs</i> , 2005 , 19, 363-81	7.9	58
69	Fully reduced HMGB1 accelerates the regeneration of multiple tissues by transitioning stem cells to G. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E4463-E4472	11.5	55
68	Leg length preservation with pedicled fillet of foot flaps after traumatic amputations. <i>Plastic and Reconstructive Surgery</i> , 2005 , 115, 498-505	2.7	46
67	Systematic review of non-surgical treatments for early dupuytren's disease. <i>BMC Musculoskeletal Disorders</i> , 2016 , 17, 345	2.8	41
66	Preclinical target validation using patient-derived cells. <i>Nature Reviews Drug Discovery</i> , 2015 , 14, 149-50	64.1	40
65	Cultured composite skin grafts: biological skin equivalents permitting massive expansion. <i>Lancet, The</i> , 1989 , 2, 191-3	40	40
64	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	11	35
63	The methodology of negative pressure wound therapy: separating fact from fiction. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2012 , 65, 989-1001	1.7	35
62	Anti-TNF Therapy. <i>Microbiology Spectrum</i> , 2016 , 4,	8.9	34
61	Management of severe open ankle injuries. <i>Plastic and Reconstructive Surgery</i> , 2007 , 119, 578-89	2.7	31
60	Pyoderma gangrenosum occurring in a lower limb fasciocutaneous flap--a lesson to learn. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2000 , 53, 437-40		30
59	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	8.8	28
58	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, 876-9	2.5	28
57	Why haematomas cause flap failure: an evidence-based paradigm. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2012 , 65, 903-10	1.7	25
56	Isometric contraction of Dupuytren's myofibroblasts is inhibited by blocking intercellular junctions. <i>Journal of Investigative Dermatology</i> , 2013 , 133, 2664-2671	4.3	25
55	Research options for plastic surgical trainees. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2002 , 55, 427-9		25
54	Post-transcriptional regulation of alpha-smooth muscle actin determines the contractile phenotype of Dupuytren's nodular cells. <i>Journal of Cellular Physiology</i> , 2010 , 224, 681-90	7	22

53	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	1.7	20
52	MicroRNA epigenetics: a new avenue for wound healing research. <i>BioDrugs</i> , 2011 , 25, 27-41	7.9	19
51	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	11.5	19
50	Delayed amputation following trauma increases residual lower limb infection. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2013 , 66, 531-7	1.7	18
49	Outcomes of anterolateral thigh free flap thinning using liposuction following lower limb trauma. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2012 , 65, 474-81	1.7	18
48	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, 7291-3	11.5	17
47	Treatment of rheumatoid tenosynovitis with cytokine inhibitors. <i>Lancet, The</i> , 2002 , 360, 1565-6	4.0	15
46	Recent advances in the understanding of Dupuytren's disease. <i>F1000Research</i> , 2019 , 8,	3.6	15
45	The role of matrix metalloproteinases in rheumatoid tendon disease. <i>Journal of Hand Surgery</i> , 2002 , 27, 1059-64	2.6	14
44	Reconstructive surgery in limbs: the case for the orthoplastic approach. <i>Annals of Plastic Surgery</i> , 2011 , 66, 6-8	1.7	13
43	Use of gauze soaked in povidone iodine for dressing acute open wounds. <i>Plastic and Reconstructive Surgery</i> , 2003 , 111, 2105-7	2.7	13
42	Study protocol: A multi-centre, double blind, randomised, placebo-controlled, parallel group, phase II trial (RIDDD) 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, 27	4.8	12
41	Identification of TNFR2 and IL-33 as therapeutic targets in localized fibrosis. <i>Science Advances</i> , 2019 , 5, eaay0370	14.3	12
40	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>BMC Medical Research Methodology</i> , 2018 , 18, 222	3	11
39	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, 821-6	1.7	11
38	Targeting rheumatoid tenosynovial angiogenesis with cytokine inhibitors. <i>Clinical Orthopaedics and Related Research</i> , 2006 , 446, 268-77	2.2	10
37	Study protocol: A multi-centre, double blind, randomised, placebo-controlled, parallel group, phase II trial (RIDDD) 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	4.8	10
36	What do we know about managing Dupuytren's disease cost-effectively?. <i>BMC Musculoskeletal Disorders</i> , 2018 , 19, 34	2.8	9

35	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, 1442-8	2.6	9
34	Ulnar-sided cleft hand. <i>Journal of Hand Surgery</i> , 2002 , 27, 493-7	2.6	9
33	Cellular census of human fibrosis defines functionally distinct stromal cell types and states. <i>Nature Communications</i> , 2020 , 11, 2768	17.4	7
32	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	5.6	7
31	Autofluorescence Lifetime Reports Cartilage Damage in Osteoarthritis. <i>Scientific Reports</i> , 2020 , 10, 21544	4.9	5
30	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	4.4	5
29	Collagen VI as a driver and disease biomarker in human fibrosis. <i>FEBS Journal</i> , 2021 ,	5.7	5
28	Anti-TNF Therapy 2017 , 637-648		4
27	Single cell force profiling of human myofibroblasts reveals a biophysical spectrum of cell states. <i>Biology Open</i> , 2020 , 9,	2.2	4
26	Strategies to secure surgical research funding: fellowships and grants. <i>JRSM Open</i> , 2014 , 5, 2042533313505512	3	3
25	Reply: Soft-tissue reconstruction of open fractures of the lower limb: muscle versus fasciocutaneous flaps. <i>Plastic and Reconstructive Surgery</i> , 2013 , 131, 448e-449e	2.7	3
24	Invasive potential of human rheumatoid tenosynovial cells is in part MT1-MMP dependent. <i>Journal of Hand Surgery</i> , 2009 , 34, 1282-90	2.6	3
23	External Fixation Design Strategies in the Management of Severe Open Tibial Fractures. <i>Techniques in Orthopaedics</i> , 2002 , 17, 153-172	0.4	3
22	Tonometry as an Outcome Measure for the Treatment of Early Dupuytren Disease 2017 , 205-209		3
21	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	1.7	2
20	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 (RIDDD). <i>Wellcome Open Research</i> , 2018 , 3, 156	4.8	2
19	Tumour Necrosis Factor as a Therapeutic Target in Dupuytren Disease 2017 , 63-71		2
18	Open tibial fractures. <i>Orthopaedics and Trauma</i> , 2017 , 31, 125-132	0.5	1

17	Timing and staging of antibiotic administration and surgery for open long bone fractures of the upper and lower limbs. <i>The Cochrane Library</i> , 2020 ,	5.2	1
16	The bra-strap injury. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2002 , 55, 453-4		1
15	Safety and effectiveness of negative pressure therapy on free flaps following lower limb reconstruction: A systematic review. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2021 , 74, 407-447	1.7	1
14	SUMIC: A Simple Ultrafast Multicolor Immunolabelling and Clearing Approach for Whole-Organ and Large Tissue 3D Imaging		1
13	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	11.5	1
12	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 , 4, CD013555	5.2	1
11	Anti-TNF Therapy: 20 Years from Our First Therapeutic Adventure 2014 , 215-244		0
10	Development of guidelines for the management of patients with open fractures: The potential cost-savings of international collaboration. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2021 ,	1.7	0
9	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	1.7	0
8	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. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2021 , 74, 1633-1701	1.7	0
7	Alternative physical treatments for deep venous thrombosis prophylaxis in surgical patients: a systematic review. <i>Physiotherapy</i> , 2021 , 113, 73-79	3	0
6	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. <i>NIHR Open Research</i> , 2 , 28		0
5	Lower limb reconstruction 2015 , 607-627		
4	Acute compartment syndrome: reducing the risk. <i>Clinical Risk</i> , 2008 , 14, 114-118		
3	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). <i>Wellcome Open Research</i> , 2018 , 3, 156	4.8	
2	Controversy: The Contracture in Dupuytren Disease Is an Active Process 2017 , 83-87		
1	Plastic, Reconstructive and Aesthetic Surgery: Current Trends and Recent Innovations 2010 , 923-940		