

Tarun Goyal

List of Publications by Year in descending order

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Version: 2024-02-01

98
papers

1,170
citations

430874

18
h-index

454955

30
g-index

101
all docs

101
docs citations

101
times ranked

972
citing authors

#	ARTICLE	IF	CITATIONS
1	Full-thickness peroneus longus tendon autograft for anterior cruciate reconstruction in multi-ligament injury and revision cases: outcomes and donor site morbidity. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2023, 33, 21-27.	1.4	13
2	Joint awareness and return to pre-injury level of activities after ACL reconstruction in athletes vs non-athletes. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2023, 33, 819-827.	1.4	2
3	Return to sports and short-term follow-up of 101 cases of medial patellofemoral ligament reconstruction using gracilis tendon autograft in children and adolescents. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2023, 143, 447-452.	2.4	5
4	Changes in sagittal and axial plane alignment in medial opening wedge high tibial osteotomy: a prospective observational study. <i>Musculoskeletal Surgery</i> , 2023, 107, 115-121.	1.5	1
5	Prediction of collapse in femoral head osteonecrosis: role of volumetric assessment. <i>HIP International</i> , 2022, 32, 596-603.	1.7	10
6	Association between functional outcome scores and MRI-based structural integrity after rotator cuff repair: a prospective cohort study. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2022, 142, 1117-1123.	2.4	4
7	Outcomes of retro-drilled all-inside tibial tunnel vs complete tibial tunnel techniques in anterior cruciate ligament reconstruction – a comparative study. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2022, 32, 523-532.	1.4	8
8	Enhanced recovery protocol after single-stage bilateral primary total knee arthroplasty decreases duration of hospital stay without increasing complication rates. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2022, 32, 711-717.	1.4	3
9	Comparison of tear characteristics, outcome parameters and healing in traumatic and non-traumatic rotator cuff tear: a prospective cohort study. <i>Musculoskeletal Surgery</i> , 2022, 106, 433-440.	1.5	8
10	Outcomes of ketorolac versus depomedrol infiltrations for subacromial impingement syndrome: a randomized controlled trial. <i>Musculoskeletal Surgery</i> , 2022, 106, 29-34.	1.5	5
11	In-vitro study of elution kinetics and biological activity of Piperacillin/Tazobactam and Gentamicin in acrylic bone cement. <i>Orthopaedics and Traumatology: Surgery and Research</i> , 2022, , 103230.	2.0	1
12	Combined femoral obturator sciatic nerve block has superior postoperative pain score and earlier ambulation as compared to spinal anaesthesia for arthroscopic anterior cruciate ligament reconstruction. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2022, 30, 3480-3487.	4.2	2
13	Multiparametric evaluation of bone tumors utilising diffusion weighted imaging and dynamic contrast enhanced magnetic resonance imaging. <i>Journal of Clinical Orthopaedics and Trauma</i> , 2022, 30, 101899.	1.5	2
14	Outcomes of Continued Intensive Conservative Treatment Versus Arthroscopic Extensor Carpi Radialis Brevis Release for Recalcitrant Lateral Epicondylitis: A Non-randomized Controlled Trial. <i>Indian Journal of Orthopaedics</i> , 2022, 56, 1578-1586.	1.1	2
15	The direct anterior approach without traction table: How does it compare with the posterior approach? – A prospective non-randomised trial. <i>Journal of Clinical Orthopaedics and Trauma</i> , 2022, , 101924.	1.5	2
16	Joint awareness after unicompartmental knee arthroplasty and total knee arthroplasty: a systematic review and meta-analysis of cohort studies. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2021, 29, 3478-3487.	4.2	17
17	Role of 3D printing in the management of complex acetabular fractures: a comparative study. <i>European Journal of Trauma and Emergency Surgery</i> , 2021, 47, 1291-1296.	1.7	10
18	Good validity and reliability of forgotten joint score-12 in total knee arthroplasty in Hindi language for Indian population. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2021, 29, 1150-1156.	4.2	12

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19	Use of Acetate Templates Over Digital Radiographs for Templating in Total Hip Arthroplasty: Technique and Its Validation. Indian Journal of Orthopaedics, 2021, 55, 81-87.	1.1	1
20	Hip Arthroscopy for Sequelae of Legg-Calve-Perthes Disease: A Systematic Review. Hip and Pelvis, 2021, 33, 3-10.	1.6	3
21	Outcomes of one-stage reconstruction for chronic multiligament injuries of knee. Knee Surgery and Related Research, 2021, 33, 3.	4.2	13
22	Use of Osteochondral and Meniscal Allografts from Bone Cuts of Total Knee Arthroplasty for the Treatment of Tibial Plateau Malunions: A Case Series of Four Patients Showing Early Results. Indian Journal of Orthopaedics, 2021, 55, 375-383.	1.1	1
23	Pie-crusting of proximal medial collateral ligament for correcting varus deformity in total knee arthroplasty. European Journal of Orthopaedic Surgery and Traumatology, 2021, 31, 1305-1309.	1.4	7
24	Complications and Functional Outcome of Femoral Head Fracture-Dislocation In Delayed and Neglected Cases. Indian Journal of Orthopaedics, 2021, 55, 595-605.	1.1	2
25	Assessment of Acetabular Component Anteversion after Total Hip Arthroplasty: Comparison of Anteroposterior and Cross-Table Lateral Radiographs with Computed Tomography Scans. Clinics in Orthopedic Surgery, 2021, 13, 329.	2.2	4
26	Limb salvage following snakebite using acute limb shortening and secondary lengthening. International Journal of Critical Illness and Injury Science, 2021, 11, 98.	0.6	0
27	Acetabular and Femoral Component Positioning Using Direct Anterior Approach Versus Posterior Approach in Total Hip Arthroplasty. Indian Journal of Orthopaedics, 2021, 55, 1215-1224.	1.1	3
28	Ligamentous Reconstruction with Semitendinosus Tendon Autograft for Posterolateral Rotatory Instability of Elbow—a Case Report with an Update of Literature Review. SN Comprehensive Clinical Medicine, 2021, 3, 1615-1621.	0.6	1
29	Use of contralateral lateral meniscus for medial meniscal allograft transplantation: a cadaveric study. Archives of Orthopaedic and Trauma Surgery, 2021, , 1.	2.4	0
30	Total knee arthroplasty after a prior knee arthroscopy has higher complication rates: a systematic review. Archives of Orthopaedic and Trauma Surgery, 2021, , 1.	2.4	2
31	Limb length discrepancy after total knee arthroplasty: A systematic review and meta-analysis. World Journal of Clinical Cases, 2021, 9, 357-371.	0.8	4
32	Infection and utilization rates of bone allografts in a hospital-based musculoskeletal tissue bank in north India. Journal of Clinical Orthopaedics and Trauma, 2021, 23, 101635.	1.5	3
33	One-year mortality rates and factors affecting mortality after surgery for fracture neck of femur in the elderly. Journal of Mid-Life Health, 2021, 12, 276.	0.6	1
34	Acute Primary Epiphyseal Osteomyelitis of Proximal Tibia - A Case Report and Review of the Literature.. Journal of Orthopaedic Case Reports, 2021, 11, 52-56.	0.1	0
35	A systematic review of combined pelvic and acetabular injuries. Journal of Clinical Orthopaedics and Trauma, 2020, 11, 983-988.	1.5	9
36	Translation and Validation of Forgotten Joint Score for Total Hip Arthroplasty for Indian Population. Indian Journal of Orthopaedics, 2020, 54, 892-900.	1.1	8

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37	Monoarticular synovitis of knee: dealing with the dilemma. <i>Sicot-j</i> , 2020, 6, 48.	1.8	7
38	Acetabulum fractures in elderly: A systematic review of fracture pattern and treatment. <i>Journal of Clinical Orthopaedics and Trauma</i> , 2020, 11, 989-1001.	1.5	14
39	Are Three Doses of Intravenous Tranexamic Acid more Effective than Single Dose in Reducing Blood Loss During Bilateral Total Knee Arthroplasty?. <i>Indian Journal of Orthopaedics</i> , 2020, 54, 805-810.	1.1	5
40	Simultaneous single-stage versus two-staged bilateral total knee arthroplasty: a prospective comparative study. <i>International Orthopaedics</i> , 2020, 44, 1305-1310.	1.9	8
41	Correlation between anthropometric measurements and activity level on length and diameter of semitendinosus tendon autograft in knee ligament surgery: A prospective observational study. <i>Sicot-j</i> , 2020, 6, 23.	1.8	12
42	Intra-articular Partial Acetabular Resection and Allograft Reconstruction for Synovial Sarcoma. <i>Journal of Orthopaedic Case Reports</i> , 2020, 10, 33-37.	0.1	0
43	Reconstruction of a Chronic Posterior Dislocation of the Shoulder using a Limited Posterior Deltoid-splitting Approach: A Case Report. <i>Journal of Orthopaedic Case Reports</i> , 2020, 10, 88-92.	0.1	0
44	Comparative functional outcomes of patients with adhesive capsulitis receiving intra-articular versus sub-acromial steroid injections: caseâ€“control study. <i>Musculoskeletal Surgery</i> , 2019, 103, 31-35.	1.5	7
45	Osteo-necrosis of femoral head in North Indian population: Risk factors and clinico-radiological correlation. <i>Clinical Epidemiology and Global Health</i> , 2019, 7, 446-449.	1.9	3
46	Incidence of perioperative complications in total hip and knee arthroplasty in patients with Parkinson disease. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2018, 138, 765-770.	2.4	9
47	Early results of surgery for femoroacetabular impingement in patients with osteonecrosis of femoral head. <i>Sicot-j</i> , 2018, 4, 47.	1.8	2
48	Anatomy of posterior cruciate ligament retained in a posterior cruciate ligament retaining total knee replacement: a cadaveric study. <i>Sicot-j</i> , 2018, 4, 40.	1.8	1
49	Epidemiological Profile of Femoral Head Osteonecrosis in the North Indian Population. <i>Indian Journal of Orthopaedics</i> , 2018, 52, 140-146.	1.1	30
50	Functional outcomes and survival-ship of total hip replacement in patients with Ankylosing Spondylitis: A systematic review. <i>Journal of Arthroscopy and Joint Surgery</i> , 2017, 4, 115-120.	0.3	2
51	Osteoporosis and periodontitis in postmenopausal women: A systematic review. <i>Journal of Mid-Life Health</i> , 2017, 8, 151.	0.6	19
52	Bennettâ€™s fracture associated with fracture of Trapezium - A rare injury of first carpo-metacarpal joint. <i>World Journal of Orthopedics</i> , 2017, 8, 656.	1.8	3
53	Nonvascularized fbular grafting in nonunion of femoral neck fracture. <i>Indian Journal of Orthopaedics</i> , 2016, 50, 345-351.	1.1	10
54	Does Patient-Specific Instrumentations Improve Short-Term Functional Outcomes After Total Knee Arthroplasty? A Systematic Review and Meta-Analysis. <i>Journal of Arthroplasty</i> , 2016, 31, 2173-2180.	3.1	29

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55	Management of femoral head osteonecrosis: Current concepts. Indian Journal of Orthopaedics, 2015, 49, 28-45.	1.1	108
56	Neglected Monteggia fracture dislocations in children. Journal of Pediatric Orthopaedics Part B, 2015, 24, 191-199.	0.6	62
57	Tuberculous altantoaxial subluxation: a case report with review of literature. Musculoskeletal Surgery, 2014, 98, 67-70.	1.5	3
58	Multi-Response Optimization of Process Parameters for Low-Pressure Cold Spray Coating Process Using Taguchi and Utility Concept. Journal of Thermal Spray Technology, 2014, 23, 114-122.	3.1	2
59	Bisphosphonates and direct fracture healing: Area to be explored. Journal of Pharmacy and Bioallied Sciences, 2014, 6, 221.	0.6	0
60	Local distal radius bone graft versus iliac crest bone graft for scaphoid nonunion: a comparative study. Musculoskeletal Surgery, 2013, 97, 109-114.	1.5	30
61	In-out-in technique for acetabular fractures: is it really good?. International Orthopaedics, 2013, 37, 169-170.	1.9	0
62	Triple jeopardy: transscaphoid, transcapitate, transtriquetral, perilunate fracture dislocation. Journal of Orthopaedics and Traumatology, 2013, 14, 223-226.	2.3	1
63	Multi-response optimization of low-pressure cold-sprayed coatings through Taguchi method and utility concept. International Journal of Advanced Manufacturing Technology, 2013, 64, 903-914.	3.0	23
64	Comminuted quadrilateral plate fracture fixation through the iliofemoral approach. Injury, 2013, 44, 266-273.	1.7	24
65	Gorham Disease of the Proximal Femur: a Case Report and Review of Published Reports. Orthopaedic Surgery, 2013, 5, 72-76.	1.8	2
66	Desmoplastic fibroma of ulna: Excision and reconstruction of olecranon with a fibular graft. Indian Journal of Orthopaedics, 2013, 47, 207-210.	1.1	8
67	Neglected Hoffa fracture in a child. Journal of Pediatric Orthopaedics Part B, 2013, 22, 339-343.	0.6	10
68	Characterisation and corrosion studies of cold sprayed copper coatings on ASTM B 435 alloy. International Journal of Surface Science and Engineering, 2013, 7, 295.	0.4	1
69	Coronal Shear Fracture of the Humeral Trochlea. Journal of Orthopaedic Surgery, 2013, 21, 82-86.	1.0	24
70	Multiple floating metatarsals: a unique injury. Chinese Journal of Traumatology - English Edition, 2013, 16, 110-2.	1.4	2
71	Gorham's disease of femur - A response. Indian Journal of Orthopaedics, 2012, 46, 373.	1.1	3
72	Giant Subdeltoid Tubercular Bursitis: a Case Report. Orthopaedic Surgery, 2012, 4, 269-272.	1.8	1

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73	Cloudearun Application deployed over GAE and android emulator. , 2012, , .		0
74	Study of Coating Thickness of Cold Spray Process Using Taguchi Method. Materials and Manufacturing Processes, 2012, 27, 185-192.	4.7	56
75	Cold sprayed copper coatings on ASTM B 221 alloy - characterisation and corrosion study in simulated marine and industrial environment. International Journal of Surface Science and Engineering, 2012, 6, 306.	0.4	2
76	Tarlov Cysts: A Report of Two Cases. Journal of Orthopaedic Surgery, 2012, 20, 87-89.	1.0	7
77	Cloudsim: simulator for cloud computing infrastructure and modeling. Procedia Engineering, 2012, 38, 3566-3572.	1.2	86
78	Effect of Parameters on Coating Density for Cold Spray Process. Materials and Manufacturing Processes, 2012, 27, 193-200.	4.7	39
79	Staged reduction of neglected transscaphoid perilunate fracture dislocation: A report of 16 cases. Journal of Orthopaedic Surgery and Research, 2012, 7, 19.	2.3	21
80	A safe technique of anterior column lag screw fixation in acetabular fractures. International Orthopaedics, 2012, 36, 2333-2340.	1.9	28
81	Surface roughness optimization of cold-sprayed coatings using Taguchi method. International Journal of Advanced Manufacturing Technology, 2012, 60, 611-623.	3.0	31
82	Osteosynthesis of femoral-neck nonunion with angle blade plate and autogenous fibular graft. International Orthopaedics, 2012, 36, 827-832.	1.9	26
83	Reply to comment on Sen et al.: Osteosynthesis of femoral-neck nonunion with angled blade plate and autogenous fibular graft. International Orthopaedics, 2012, 36, 1321-1322.	1.9	2
84	Cortical Blindness Following Spinal Surgery: Very Rare Cause of Perioperative Vision Loss. Asian Spine Journal, 2012, 6, 287.	2.0	14
85	Revision Internal Fixation and Nonvascular Fibular Graft for Femoral Neck Nonunion. Journal of Trauma, 2011, 71, 270-271.	2.3	5
86	Isolated tubercular pseudotumour of lateral malleolus. Foot, 2011, 21, 48-51.	1.1	3
87	Dynamization of locked plating on distal femur fracture. Archives of Orthopaedic and Trauma Surgery, 2011, 131, 1331-1332.	2.4	4
88	Conservative versus surgical management of Pipkin type I fractures associated with posterior dislocation of the hip: a randomised controlled trial. International Orthopaedics, 2011, 35, 1907-1908.	1.9	10
89	Posterior dislocation of the hip with ipsilateral displaced femoral neck fracture. Chinese Journal of Traumatology - English Edition, 2011, 14, 104-6.	1.4	4
90	Ipsilateral fracture dislocations of the hip and knee joints with contralateral open fracture of the leg: a rare case and its management principles. Chinese Journal of Traumatology - English Edition, 2011, 14, 183-7.	1.4	2

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91	Regeneration of the Achilles tendon after percutaneous tenotomy in infants: a clinical and MRI study. Journal of Pediatric Orthopaedics Part B, 2010, 19, 344-347.	0.6	13
92	Broken Kirschner or Guide-Wire Retrieval: A Report of 4 Cases. HIP International, 2010, 20, 551-554.	1.7	17
93	Transarticular screw fixation for atlantoaxial instability - modified Magerl's technique in 38 patients. Journal of Orthopaedic Surgery and Research, 2010, 5, 87.	2.3	31
94	Peripheral primitive neuroectodermal tumor causing cauda equina syndrome with destruction of L5 vertebra. Indian Journal of Orthopaedics, 2010, 44, 339.	1.1	2
95	Results of dorsal approach in surgical correction of congenital vertical talus: an Indian experience. Journal of Pediatric Orthopaedics Part B, 2009, 18, 63-68.	0.6	6
96	Determinants of hospital mortality of HIV infected patients from north India. Sexually Transmitted Infections, 2005, 81, 92-93.	1.9	1
97	Spectrum of clinical disease in a series of 135 hospitalised HIV-infected patients from north India. BMC Infectious Diseases, 2004, 4, 52.	2.9	102
98	Imaging Parameters of Hip Dysplasia in Cerebral Palsy: A Systematic Review. Indian Journal of Orthopaedics, 0, , 1.	1.1	1