

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	Management of femoral head osteonecrosis: Current concepts. Indian Journal of Orthopaedics, 2015, 49, 28-45.	1.1	108
2	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
3	Cloudsim: simulator for cloud computing infrastructure and modeling. Procedia Engineering, 2012, 38, 3566-3572.	1.2	86
4	Neglected Monteggia fracture dislocations in children. Journal of Pediatric Orthopaedics Part B, 2015, 24, 191-199.	0.6	62
5	Study of Coating Thickness of Cold Spray Process Using Taguchi Method. Materials and Manufacturing Processes, 2012, 27, 185-192.	4.7	56
6	Effect of Parameters on Coating Density for Cold Spray Process. Materials and Manufacturing Processes, 2012, 27, 193-200.	4.7	39
7	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
8	Surface roughness optimization of cold-sprayed coatings using Taguchi method. International Journal of Advanced Manufacturing Technology, 2012, 60, 611-623.	3.0	31
9	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
10	Epidemiological Profile of Femoral Head Osteonecrosis in the North Indian Population. Indian Journal of Orthopaedics, 2018, 52, 140-146.	1.1	30
11	Does Patient-Specific Instrumentations Improve Short-Term Functional Outcomes After Total Knee Arthroplasty? A Systematic Review and Meta-Analysis. Journal of Arthroplasty, 2016, 31, 2173-2180.	3.1	29
12	A safe technique of anterior column lag screw fixation in acetabular fractures. International Orthopaedics, 2012, 36, 2333-2340.	1.9	28
13	Osteosynthesis of femoral-neck nonunion with angle blade plate and autogenous fibular graft. International Orthopaedics, 2012, 36, 827-832.	1.9	26
14	Comminuted quadrilateral plate fracture fixation through the iliofemoral approach. Injury, 2013, 44, 266-273.	1.7	24
15	Coronal Shear Fracture of the Humeral Trochlea. Journal of Orthopaedic Surgery, 2013, 21, 82-86.	1.0	24
16	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
17	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
18	Osteoporosis and periodontitis in postmenopausal women: A systematic review. Journal of Mid-Life Health, 2017, 8, 151.	0.6	19

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19	Broken Kirschner or Guide-Wire Retrieval: A Report of 4 Cases. <i>HIP International</i> , 2010, 20, 551-554.	1.7	17
20	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
21	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
22	Cortical Blindness Following Spinal Surgery: Very Rare Cause of Perioperative Vision Loss. <i>Asian Spine Journal</i> , 2012, 6, 287.	2.0	14
23	Regeneration of the Achilles tendon after percutaneous tenotomy in infants: a clinical and MRI study. <i>Journal of Pediatric Orthopaedics Part B</i> , 2010, 19, 344-347.	0.6	13
24	Outcomes of one-stage reconstruction for chronic multiligament injuries of knee. <i>Knee Surgery and Related Research</i> , 2021, 33, 3.	4.2	13
25	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
26	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
27	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
28	Conservative versus surgical management of Pipkin type I fractures associated with posterior dislocation of the hip: a randomised controlled trial. <i>International Orthopaedics</i> , 2011, 35, 1907-1908.	1.9	10
29	Neglected Hoffa fracture in a child. <i>Journal of Pediatric Orthopaedics Part B</i> , 2013, 22, 339-343.	0.6	10
30	Nonvascularized fbular grafting in nonunion of femoral neck fracture. <i>Indian Journal of Orthopaedics</i> , 2016, 50, 345-351.	1.1	10
31	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
32	Prediction of collapse in femoral head osteonecrosis: role of volumetric assessment. <i>HIP International</i> , 2022, 32, 596-603.	1.7	10
33	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
34	A systematic review of combined pelvic and acetabular injuries. <i>Journal of Clinical Orthopaedics and Trauma</i> , 2020, 11, 983-988.	1.5	9
35	Desmoplastic fibroma of ulna: Excision and reconstruction of olecranon with a fibular graft. <i>Indian Journal of Orthopaedics</i> , 2013, 47, 207-210.	1.1	8
36	Translation and Validation of Forgotten Joint Score for Total Hip Arthroplasty for Indian Population. <i>Indian Journal of Orthopaedics</i> , 2020, 54, 892-900.	1.1	8

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37	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
38	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
39	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
40	Tarlov Cysts: A Report of Two Cases. <i>Journal of Orthopaedic Surgery</i> , 2012, 20, 87-89.	1.0	7
41	Comparative functional outcomes of patients with adhesive capsulitis receiving intra-articular versus sub-acromial steroid injections: case—control study. <i>Musculoskeletal Surgery</i> , 2019, 103, 31-35.	1.5	7
42	Monoarticular synovitis of knee: dealing with the dilemma. <i>Sicot-j</i> , 2020, 6, 48.	1.8	7
43	Pie-crusting of proximal medial collateral ligament for correcting varus deformity in total knee arthroplasty. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2021, 31, 1305-1309.	1.4	7
44	Results of dorsal approach in surgical correction of congenital vertical talus: an Indian experience. <i>Journal of Pediatric Orthopaedics Part B</i> , 2009, 18, 63-68.	0.6	6
45	Revision Internal Fixation and Nonvascular Fibular Graft for Femoral Neck Nonunion. <i>Journal of Trauma</i> , 2011, 71, 270-271.	2.3	5
46	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
47	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
48	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
49	Dynamization of locked plating on distal femur fracture. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2011, 131, 1331-1332.	2.4	4
50	Assessment of Acetabular Component Anteversion after Total Hip Arthroplasty: Comparison of Anteroposterior and Cross-Table Lateral Radiographs with Computed Tomography Scans. <i>Clinics in Orthopedic Surgery</i> , 2021, 13, 329.	2.2	4
51	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
52	Limb length discrepancy after total knee arthroplasty: A systematic review and meta-analysis. <i>World Journal of Clinical Cases</i> , 2021, 9, 357-371.	0.8	4
53	Posterior dislocation of the hip with ipsilateral displaced femoral neck fracture. <i>Chinese Journal of Traumatology - English Edition</i> , 2011, 14, 104-6.	1.4	4
54	Isolated tubercular pseudotumour of lateral malleolus. <i>Foot</i> , 2011, 21, 48-51.	1.1	3

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55	Gorham's disease of femur - A response. Indian Journal of Orthopaedics, 2012, 46, 373.	1.1	3
56	Tuberculous altantoaxial subluxation: a case report with review of literature. Musculoskeletal Surgery, 2014, 98, 67-70.	1.5	3
57	Osteo-necrosis of femoral head in North Indian population: Risk factors and clinico-radiological correlation. Clinical Epidemiology and Global Health, 2019, 7, 446-449.	1.9	3
58	Hip Arthroscopy for Sequelae of Legg-Calve-Perthes Disease: A Systematic Review. Hip and Pelvis, 2021, 33, 3-10.	1.6	3
59	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
60	Enhanced recovery protocol after single-stage bilateral primary total knee arthroplasty decreases duration of hospital stay without increasing complication rates. European Journal of Orthopaedic Surgery and Traumatology, 2022, 32, 711-717.	1.4	3
61	Bennett's fracture associated with fracture of Trapezium - A rare injury of first carpo-metacarpal joint. World Journal of Orthopedics, 2017, 8, 656.	1.8	3
62	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
63	Peripheral primitive neuroectodermal tumor causing cauda equina syndrome with destruction of L5 vertebra. Indian Journal of Orthopaedics, 2010, 44, 339.	1.1	2
64	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
65	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
66	Gorham Disease of the Proximal Femur: a Case Report and Review of Published Reports. Orthopaedic Surgery, 2013, 5, 72-76.	1.8	2
67	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
68	Functional outcomes and survival-ship of total hip replacement in patients with Ankylosing Spondylitis: A systematic review. Journal of Arthroscopy and Joint Surgery, 2017, 4, 115-120.	0.3	2
69	Early results of surgery for femoroacetabular impingement in patients with osteonecrosis of femoral head. Sicot-j, 2018, 4, 47.	1.8	2
70	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
71	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
72	Joint awareness and return to pre-injury level of activities after ACL reconstruction in athletes vs non-athletes. European Journal of Orthopaedic Surgery and Traumatology, 2023, 33, 819-827.	1.4	2

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73	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
74	Multiple floating metatarsals: a unique injury. Chinese Journal of Traumatology - English Edition, 2013, 16, 110-2.	1.4	2
75	Combined femoralâ€œobturatorâ€œsciatic nerve block has superior postoperative pain score and earlier ambulation as compared to spinal anaesthesia for arthroscopic anterior cruciate ligament reconstruction. Knee Surgery, Sports Traumatology, Arthroscopy, 2022, 30, 3480-3487.	4.2	2
76	Multiparametric evaluation of bone tumors utilising diffusion weighted imaging and dynamic contrast enhanced magnetic resonance imaging. Journal of Clinical Orthopaedics and Trauma, 2022, 30, 101899.	1.5	2
77	Outcomes of Continued Intensive Conservative Treatment Versus Arthroscopic Extensor Carpi Radialis Brevis Release for Recalcitrant Lateral Epicondylitis: A Non-randomized Controlled Trial. Indian Journal of Orthopaedics, 2022, 56, 1578-1586.	1.1	2
78	The direct anterior approach without traction table: How does it compare with the posterior approach? â€œ A prospective non-randomised trial. Journal of Clinical Orthopaedics and Trauma, 2022, , 101924.	1.5	2
79	Determinants of hospital mortality of HIV infected patients from north India. Sexually Transmitted Infections, 2005, 81, 92-93.	1.9	1
80	Giant Subdeltoid Tubercular Bursitis: a Case Report. Orthopaedic Surgery, 2012, 4, 269-272.	1.8	1
81	Triple jeopardy: transscaphoid, transcapitate, transtriquetral, perilunate fracture dislocation. Journal of Orthopaedics and Traumatology, 2013, 14, 223-226.	2.3	1
82	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
83	Anatomy of posterior cruciate ligament retained in a posterior cruciate ligament retaining total knee replacement: a cadaveric study. Sicot-j, 2018, 4, 40.	1.8	1
84	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
85	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
86	Ligamentous Reconstruction with Semitendinosus Tendon Autograft for Posterolateral Rotatory Instability of Elbowâ€œa Case Report with an Update of Literature Review. SN Comprehensive Clinical Medicine, 2021, 3, 1615-1621.	0.6	1
87	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
88	In-vitro study of elution kinetics and biological activity of Piperacillin/Tazobactam and Gentamicin in acrylic bone cement. Orthopaedics and Traumatology: Surgery and Research, 2022, , 103230.	2.0	1
89	Changes in sagittal and axial plane alignment in medial opening wedge high tibial osteotomy: a prospective observational study. Musculoskeletal Surgery, 2023, 107, 115-121.	1.5	1
90	Imaging Parameters of Hip Dysplasia in Cerebral Palsy: A Systematic Review. Indian Journal of Orthopaedics, 0, , 1.	1.1	1

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91	Cloudfarun Application deployed over GAE and android emulator. , 2012, , .		0
92	In-out-in technique for acetabular fractures: is it really good?. International Orthopaedics, 2013, 37, 169-170.	1.9	0
93	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
94	Use of contralateral lateral meniscus for medial meniscal allograft transplantation: a cadaveric study. Archives of Orthopaedic and Trauma Surgery, 2021, , 1.	2.4	0
95	Intra-articular Partial Acetabular Resection and Allograft Reconstruction for Synovial Sarcoma. Journal of Orthopaedic Case Reports, 2020, 10, 33-37.	0.1	0
96	Bisphosphonates and direct fracture healing: Area to be explored. Journal of Pharmacy and Bioallied Sciences, 2014, 6, 221.	0.6	0
97	Reconstruction of a Chronic Posterior Dislocation of the Shoulder using a Limited Posterior Deltoid-splitting Approach: A Case Report. Journal of Orthopaedic Case Reports, 2020, 10, 88-92.	0.1	0
98	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