

# Shyamasunder Bhat N

## List of Publications by Year in descending order

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Version: 2024-02-01

51  
papers

476  
citations

687220

13  
h-index

752573

20  
g-index

53  
all docs

53  
docs citations

53  
times ranked

370  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolution of different designs and wear studies in total hip prosthesis using finite element analysis: A review. Cogent Engineering, 2022, 9, .	1.1	8
2	The anatomical myofascial continuum between the neck and eyes. Clinical Anatomy, 2022, , .	1.5	4
3	Effectiveness of posture-correction interventions for mechanical neck pain and posture among people with forward head posture: protocol for a systematic review. BMJ Open, 2022, 12, e054691.	0.8	1
4	Static structural analysis of the effect of change in femoral head sizes used in Total Hip Arthroplasty using finite element method. Cogent Engineering, 2022, 9, .	1.1	17
5	Fear of Falling and Functional Mobility in Elders with Diabetic Peripheral Neuropathy in Coastal Karnataka, India: A Hospital-Based Study. Current Aging Science, 2022, 15, 252-258.	0.4	2
6	Clinical profile, diagnosis, treatment, and outcome of patients with tubercular versus nontubercular causes of spine involvement: A retrospective cohort study from India. International Journal of Mycobacteriology, 2022, 11, 75.	0.3	4
7	A Hybrid 3D-2D Image Registration Framework for Pedicle Screw Trajectory Registration between Intraoperative X-ray Image and Preoperative CT Image. Journal of Imaging, 2022, 8, 185.	1.7	4
8	Outcome analysis of antibiotic-loaded poly methyl methacrylate (PMMA) beads in musculoskeletal infections. Journal of Taibah University Medical Sciences, 2021, 16, 177-183.	0.5	4
9	Tension pneumocephalus following an implant removal from spine. BMJ Case Reports, 2021, 14, e239694.	0.2	3
10	Computerized image understanding system for reliable estimation of spinal curvature in idiopathic scoliosis. Scientific Reports, 2021, 11, 7144.	1.6	3
11	Infiltrating spinal angioliipoma with paraplegia and hydrocephalus: A rare case report. Journal of Taibah University Medical Sciences, 2021, 16, 295-299.	0.5	1
12	Disappearing pulse: proximal humerus fracture with acute thrombosis of axillary artery. BMJ Case Reports, 2021, 14, e242740.	0.2	0
13	Cryptococcal spondylodiscitis in a non-HIV patient with CD4 lymphocytopenia. Journal of Taibah University Medical Sciences, 2021, 16, 470-475.	0.5	1
14	Bugs and bones: a study of 25 cases of infectious spondylodiscitis. International Journal of Advances in Medicine, 2021, 8, 1160.	0.0	0
15	Brown tumour mimicking skeletal metastasis. BMJ Case Reports, 2021, 14, e243478.	0.2	3
16	Effectiveness of deep cervical fascial manipulation and yoga postures on pain, function, and oculomotor control in patients with mechanical neck pain: study protocol of a pragmatic, parallel-group, randomized, controlled trial. Trials, 2021, 22, 574.	0.7	12
17	Finite element analysis of hip implant with varying in taper neck lengths under static loading conditions. Computer Methods and Programs in Biomedicine, 2021, 208, 106273.	2.6	23
18	Synthetic Vertebral Column Fracture Image Generation by Deep Convolution Generative Adversarial Networks. , 2021, , .		0

#	ARTICLE	IF	CITATIONS
19	Spondylodiscitis due to Salmonella Typhi: a series of four cases. Oxford Medical Case Reports, 2021, 2021, omab128.	0.2	1
20	Osteoarticular melioidosis: a retrospective cohort study of a neglected disease. Infezioni in Medicina, 2021, 29, 574-582.	0.7	0
21	Epidemiology, resistance characteristics, virulence determinants, and treatment outcomes of Staphylococcus aureus bone and joint infections: a one-year prospective study at a tertiary care hospital in India. Pathogens and Global Health, 2020, 114, 482-486.	1.0	2
22	Microbiological profile of chronic osteomyelitis with special reference to anaerobic osteomyelitis in a tertiary care hospital of coastal Karnataka. Tropical Doctor, 2020, 50, 198-202.	0.2	3
23	Wear estimation of trapezoidal and circular shaped hip implants along with varying taper trunnion radiuses using finite element method. Computer Methods and Programs in Biomedicine, 2020, 196, 105597.	2.6	23
24	Optimized trapezoidal-shaped hip implant for total hip arthroplasty using finite element analysis. Cogent Engineering, 2020, 7, 1719575.	1.1	15
25	Static structural analysis of different stem designs used in total hip arthroplasty using finite element method. Heliyon, 2019, 5, e01767.	1.4	43
26	Delayed hypoglossal nerve palsy following occipital condyle fracture. BMJ Case Reports, 2019, 12, e232645.	0.2	2
27	Minimally invasive plate osteosynthesis (MIPO) in AO/OTA type B displaced clavicle fractures. Musculoskeletal Surgery, 2019, 103, 191-197.	0.7	7
28	Finite Element Analysis of Different Hip Implant Designs along with Femur under Static Loading Conditions. Journal of Biomedical Physics and Engineering, 2019, 9, 507-516.	0.5	24
29	Pedicle screw fixation in thoracolumbar and lumbar spine assisted by lateral fluoroscopic imaging: a study to evaluate the accuracy of screw placement. Musculoskeletal Surgery, 2018, 102, 47-55.	0.7	5
30	Seven additional families with spondylocarpotarsal synostosis syndrome with novel biallelic deleterious variants in <i>FLNB</i> . Clinical Genetics, 2018, 94, 159-164.	1.0	10
31	Automated system for the detection of thoracolumbar fractures using a CNN architecture. Future Generation Computer Systems, 2018, 85, 184-189.	4.9	58
32	Morphometry of the lower thoracic and lumbar pedicles and its relevance in pedicle fixation. Musculoskeletal Surgery, 2018, 102, 299-305.	0.7	11
33	Finding <i>Salmonella</i> in unusual sites: look before you leap. A case series. Tropical Doctor, 2018, 48, 127-131.	0.2	2
34	Efficient Similarity Measurement between Digitally Reconstructed Radiograph and Fluoroscopy for 3D-2D Registration. , 2018, , .		0
35	Melioidosis: the great mimicker presenting as spondylodiscitis. BMJ Case Reports, 2018, 2018, bcr-2017-223223.	0.2	3
36	Biomechanics of hip joint: a systematic review. International Journal of Engineering and Technology(UAE), 2018, 7, 1672.	0.2	12

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37	Role of different orthopedic biomaterials on wear of hip joint prosthesis: A review. <i>Materials Today: Proceedings</i> , 2018, 5, 20827-20836.	0.9	17
38	Patient-Specific Static Structural Analysis of Femur Bone of different lengths. <i>Open Biomedical Engineering Journal</i> , 2018, 12, 108-114.	0.7	19
39	Comparative Study of Femur Bone Having Different Boundary Conditions and Bone Structure Using Finite Element Method. <i>Open Biomedical Engineering Journal</i> , 2018, 12, 115-134.	0.7	18
40	Accelerated Digitally Reconstructed Radiograph Generation Scheme for 2D to 3D Image Registration of Vertebrae Based on Sparse Sampling and Multi-Resolution. , 2017, , .		1
41	Melioidosis mimicking tubercular cold abscess. <i>BMJ Case Reports</i> , 2017, 2017, bcr-2017-221787.	0.2	2
42	Facet Tropism “ An Anatomic and CT Scan Study. <i>Current Medical Imaging</i> , 2017, 14, 103-107.	0.4	0
43	Cervical spinal cord injuries without radiographic evidence of trauma: a prospective study. <i>Spinal Cord</i> , 2013, 51, 815-818.	0.9	16
44	Primary tubercular psoas abscess: a rare presentation. <i>Journal of Infection in Developing Countries</i> , 2012, 6, 86-88.	0.5	9
45	The effect of posterior instrumentation of the spine on canal dimensions and neurological recovery in thoracolumbar and lumbar burst fractures. <i>Musculoskeletal Surgery</i> , 2011, 95, 101-106.	0.7	30
46	An analysis of clinoradiological and histopathological correlation in tuberculosis of spine. <i>Journal of the Indian Medical Association</i> , 2011, 109, 161-5.	0.2	4
47	Neurological Deficit and Canal Compromise in Thoracolumbar and Lumbar Burst Fractures. <i>Journal of Orthopaedic Surgery</i> , 2008, 16, 20-23.	0.4	34
48	Endometriosis presenting like a psoas abscess. <i>Journal of King Abdulaziz University, Islamic Economics</i> , 2007, 28, 952-4.	0.5	7
49	Multiple Fractures in a Patient with Disseminated Cysticercosis-Orthopaedic Implications. <i>Journal of Clinical and Diagnostic Research JCDR</i> , 0, , .	0.8	0
50	The cocktail infection: anaerobic and aerobic co-Infections in tubercular vertebral osteomyelitis. <i>F1000Research</i> , 0, 11, 130.	0.8	1
51	Realistic C-arm to pCT registration for vertebral localization in spine surgery. <i>Medical and Biological Engineering and Computing</i> , 0, , .	1.6	6