

# Saumyajit Basu

## List of Publications by Year in descending order

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Version: 2024-02-01

34  
papers

505  
citations

933447

10  
h-index

713466

21  
g-index

35  
all docs

35  
docs citations

35  
times ranked

494  
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of Tuberculosis Spine Instability Score (TSIS). <i>Spine</i> , 2022, 47, 242-251.	2.0	5
2	Subacute Posttraumatic Ascending Myelopathy. <i>JBS Case Connector</i> , 2022, 12, .	0.3	1
3	Midline solitary osteochondroma of C2 vertebra with myelopathy in a child: A case report with review of literature. <i>Indian Spine Journal</i> , 2021, 4, 229.	0.1	0
4	Eosinophilic granuloma of the thoracolumbar junction in the adult spine: A case report and review of literature. <i>Indian Spine Journal</i> , 2021, 4, 218.	0.1	0
5	Percutaneous wide bore needle biopsy for spinal lesions using the kyphoplasty cannula—a technical note. <i>European Spine Journal</i> , 2021, 30, 2852-2856.	2.2	1
6	Normal spino-pelvic parameters and correlation between lumbar lordosis (LL) and pelvic incidence (PI) in children and adolescents in Indian population. <i>Spine Deformity</i> , 2021, 9, 941-948.	1.5	1
7	Deep neural network for automated simultaneous intervertebral disc (IVDs) identification and segmentation of multi-modal MR images. <i>Computer Methods and Programs in Biomedicine</i> , 2021, 205, 106074.	4.7	14
8	Cervical sagittal alignment in Lenke 1 adolescent idiopathic scoliosis and assessment of its alteration with surgery: a retrospective, multi-centric study. <i>Spine Deformity</i> , 2021, 9, 1559-1568.	1.5	4
9	Sensitivity and Specificity of Gene Xpert in the Diagnosis of Spinal Tuberculosis: A Prospective Controlled Clinical Study. <i>Global Spine Journal</i> , 2020, 10, 553-558.	2.3	15
10	Unplanned return to operation room (OR) following growing spinal constructs (GSCs) in early onset scoliosis (EOS)-a multi-centric study. <i>European Spine Journal</i> , 2020, 29, 2075-2083.	2.2	7
11	Adaptive denoising of 3D volumetric MR images using local variance based estimator. <i>Biomedical Signal Processing and Control</i> , 2020, 59, 101901.	5.7	10
12	Bracing in adolescent idiopathic scoliosis. <i>Indian Spine Journal</i> , 2020, 3, 151.	0.1	1
13	Shoulder balance in adolescent idiopathic scoliosis: Current concepts and technical challenges. <i>Indian Spine Journal</i> , 2020, 3, 173.	0.1	0
14	The spine clinics: Adolescent idiopathic scoliosis. <i>Indian Spine Journal</i> , 2020, 3, 216.	0.1	0
15	Impact of COVID-19 on spine surgery: How can we work towards evolving best practices. <i>Indian Spine Journal</i> , 2020, 3, 129.	0.1	0
16	Management and prognosis of acute traumatic cervical central cord syndrome: systematic review and Spinal Cord Society's Spine Trauma Study Group position statement. <i>European Spine Journal</i> , 2019, 28, 2390-2407.	2.2	41
17	Transpedicular Decompression/Debridement and Posterior Spinal Fusion With Instrumentation for Single-Level Thoracic Spinal Tuberculosis With Myelopathy—Is Anterior Column Reconstruction Necessary?. <i>Spine Deformity</i> , 2018, 6, 282-289.	1.5	6
18	Postoperative deep wound infection in posterior spinal fixation surgeries: Does it affect the clinicoradiological outcome? - At a minimum follow-up of 2 years. <i>Indian Spine Journal</i> , 2018, 1, 128.	0.1	1

#	ARTICLE	IF	CITATIONS
19	Posterior hemivertebrectomy and short segment fixation—long term results. <i>Child's Nervous System</i> , 2017, 33, 321-328.	1.1	11
20	A Prospective Study of Clinical and Radiological Outcomes of Zero-Profile Cage Screw Implants for Single-Level Anterior Cervical Discectomy and Fusion: Is Segmental Lordosis Maintained at 2 Years?. <i>Asian Spine Journal</i> , 2017, 11, 264-271.	2.0	4
21	An International Multicenter Study Assessing the Role of Ethnicity on Variation of Lumbar Facet Joint Orientation and the Occurrence of Degenerative Spondylolisthesis in Asia Pacific: A Study from the AOSpine Asia Pacific Research Collaboration Consortium. <i>Global Spine Journal</i> , 2016, 6, 35-45.	2.3	26
22	Critical Values of Facet Joint Angulation and Tropism in the Development of Lumbar Degenerative Spondylolisthesis: An International, Large-Scale Multicenter Study by the AOSpine Asia Pacific Research Collaboration Consortium. <i>Global Spine Journal</i> , 2016, 6, 414-421.	2.3	46
23	Is lumbar facet joint tropism developmental or secondary to degeneration? An international, large-scale multicenter study by the AOSpine Asia Pacific Research Collaboration Consortium. <i>Scoliosis and Spinal Disorders</i> , 2016, 11, 9.	2.3	23
24	The effect of metal density in thoracic adolescent idiopathic scoliosis. <i>European Spine Journal</i> , 2016, 25, 3324-3330.	2.2	19
25	Results of cement augmentation and curettage in aneurysmal bone cyst of spine. <i>Indian Journal of Orthopaedics</i> , 2016, 50, 99.	1.1	3
26	Single and Multiple Level One Stage Posterior Hemivertebrectomy and Short Segment Fixation: Experience with 22 Cases and Comparison of Single vs. Multilevel Procedures with Minimum 2-Year Follow-Up. <i>Asian Spine Journal</i> , 2016, 10, 422.	2.0	4
27	Percutaneous C-arm-guided Wide Bore Needle Biopsy for Intraosseous Spinal Lesions. <i>Journal of Postgraduate Medicine Education and Research</i> , 2015, 49, 5-9.	0.1	3
28	Postoperative discitis following single-level lumbar discectomy: Our experience of 17 cases. <i>Indian Journal of Orthopaedics</i> , 2012, 46, 427-433.	1.1	15
29	Adjacent level spondylodiscitis after anterior cervical decompression and fusion. <i>Indian Journal of Orthopaedics</i> , 2012, 46, 360-363.	1.1	13
30	Spinal Injuries in Children. <i>Frontiers in Neurology</i> , 2012, 3, 96.	2.4	183
31	Neurological recovery in patients of old healed tubercular rigid kyphosis with myelopathy treated with transpedicular decancellation osteotomy. <i>European Spine Journal</i> , 2012, 21, 2011-2018.	2.2	7
32	Delayed Presentation of Cervical Facet Dislocations. <i>Journal of Orthopaedic Surgery</i> , 2011, 19, 331-335.	1.0	24
33	Posterior scoliosis correction for adolescent idiopathic scoliosis using side-opening pedicle screw-rod system utilizing the axial translation technique. <i>Indian Journal of Orthopaedics</i> , 2010, 44, 42-49.	1.1	11
34	Injuries of the upper cervical spine: A series of 28 cases. <i>Indian Journal of Orthopaedics</i> , 2007, 41, 305.	1.1	3