

# SÃ©bastien Pesenti

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8248882/publications.pdf>

Version: 2024-02-01

72  
papers

997  
citations

516215

16  
h-index

525886

27  
g-index

86  
all docs

86  
docs citations

86  
times ranked

1048  
citing authors

#	ARTICLE	IF	CITATIONS
1	Unicompartmental Knee Arthroplasty in Patients Older Than 75 Results in Better Clinical Outcomes and Similar Survivorship Compared to Total Knee Arthroplasty. A Matched Controlled Study. <i>Journal of Arthroplasty</i> , 2016, 31, 2668-2671.	1.5	81
2	The Amount of Proximal Lumbar Lordosis Is Related to Pelvic Incidence. <i>Clinical Orthopaedics and Related Research</i> , 2018, 476, 1603-1611.	0.7	77
3	Obesity in orthopedics and trauma surgery. <i>Orthopaedics and Traumatology: Surgery and Research</i> , 2014, 100, S91-S97.	0.9	74
4	Treatment of osteoporotic vertebral fractures. <i>Orthopaedics and Traumatology: Surgery and Research</i> , 2021, 107, 102779.	0.9	56
5	What are the risk factors for surgical site infection after spinal fusion? A meta-analysis. <i>European Spine Journal</i> , 2018, 27, 2469-2480.	1.0	47
6	Evolution of adolescent idiopathic scoliosis: Results of a multicenter study at 20Âyearsâ€™ follow-up. <i>Orthopaedics and Traumatology: Surgery and Research</i> , 2015, 101, 619-622.	0.9	37
7	Correction of hypokyphosis in thoracic adolescent idiopathic scoliosis using sublaminar bands: a 3D multicenter study. <i>European Spine Journal</i> , 2018, 27, 350-357.	1.0	30
8	Percutaneous Cement-Augmented Screws Fixation in the Fractures of the Aging Spine: Is It the Solution?. <i>BioMed Research International</i> , 2014, 2014, 1-5.	0.9	26
9	Interest of T1 parameters for sagittal alignment evaluation of adolescent idiopathic scoliosis patients. <i>European Spine Journal</i> , 2016, 25, 424-429.	1.0	25
10	Evaluation of the external fixator TrueLok Hexapod System for tibial deformity correction in children. <i>Orthopaedics and Traumatology: Surgery and Research</i> , 2017, 103, 761-764.	0.9	24
11	Defining the Role of the Lower Limbs in Compensating for Sagittal Malalignment. <i>Spine</i> , 2017, 42, E1282-E1288.	1.0	21
12	Self-learning computers for surgical planning and prediction of postoperative alignment. <i>European Spine Journal</i> , 2018, 27, 123-128.	1.0	21
13	Role of thoracoscopy for the sagittal correction of hypokyphotic adolescent idiopathic scoliosis patients. <i>European Spine Journal</i> , 2014, 23, 2635-2642.	1.0	19
14	The lateral wedge augmentation trochleoplasty in a pediatric population: a 5-year follow-up study. <i>Journal of Pediatric Orthopaedics Part B</i> , 2017, 26, 458-464.	0.3	19
15	Knee function after limb salvage surgery for malignant bone tumor: comparison of megaprosthesis and distal femur allograft with epiphysis sparing. <i>International Orthopaedics</i> , 2018, 42, 427-436.	0.9	18
16	Correlations linking static quantitative gait analysis parameters to radiographic parameters in adolescent idiopathic scoliosis. <i>Orthopaedics and Traumatology: Surgery and Research</i> , 2019, 105, 541-545.	0.9	17
17	Operative management of supracondylar humeral fractures in children: Comparison of five fixation methods. <i>Orthopaedics and Traumatology: Surgery and Research</i> , 2017, 103, 771-775.	0.9	17
18	Experience in Perioperative Management of Patients Undergoing Posterior Spine Fusion for Neuromuscular Scoliosis. <i>BioMed Research International</i> , 2016, 2016, 1-7.	0.9	16

#	ARTICLE	IF	CITATIONS
19	Medial patellofemoral ligament reconstruction in children: do osseous abnormalities matter?. <i>International Orthopaedics</i> , 2018, 42, 1357-1362.	0.9	16
20	Deformity correction in thoracic adolescent idiopathic scoliosis. <i>Bone and Joint Journal</i> , 2020, 102-B, 376-382.	1.9	16
21	Curve location influences spinal balance in coronal and sagittal planes but not transversal trunk motion in adolescents with idiopathic scoliosis: a prospective observational study. <i>European Spine Journal</i> , 2020, 29, 1972-1980.	1.0	16
22	Posterior elements disruption with hybrid constructs in AIS patients: is there an impact on proximal junctional kyphosis?. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2017, 137, 631-635.	1.3	15
23	Anterior cervical discectomy and fusion can restore cervical sagittal alignment in degenerative cervical disease. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2019, 29, 767-774.	0.6	15
24	Endovascular aortic injury repair after thoracic pedicle screw placement. <i>Orthopaedics and Traumatology: Surgery and Research</i> , 2014, 100, 569-573.	0.9	14
25	Intraoperative spinal cord monitoring: Lesional level diagnosis. <i>Orthopaedics and Traumatology: Surgery and Research</i> , 2017, 103, 33-38.	0.9	14
26	Experience and volume are determinative factors for operative management of supracondylar humeral fractures in children. <i>Journal of Shoulder and Elbow Surgery</i> , 2018, 27, 404-410.	1.2	14
27	Circumferential fusion using a custom-made screw in the management of high-grade spondylolisthesis. <i>European Spine Journal</i> , 2014, 23, 457-462.	1.0	13
28	Intraoperative spinal cord monitoring in children under 4 years old. <i>European Spine Journal</i> , 2016, 25, 1847-1854.	1.0	13
29	Magnetically Controlled Growing Rods Graduation. <i>Spine</i> , 2021, 46, E1105-E1112.	1.0	13
30	Feasibility of a reduction protocol in the emergency department for diaphyseal forearm fractures in children. <i>Orthopaedics and Traumatology: Surgery and Research</i> , 2015, 101, 597-600.	0.9	12
31	Muscle Shortening and Spastic Cocontraction in Gastrocnemius Medialis and Peroneus Longus in Very Young Hemiparetic Children. <i>BioMed Research International</i> , 2018, 2018, 1-10.	0.9	12
32	Contribution of the remaining attachment index in the management of Vancouver B1 periprosthetic hip fracture. <i>Orthopaedics and Traumatology: Surgery and Research</i> , 2020, 106, 1413-1417.	0.9	12
33	Proximal junctional kyphosis is a rebalancing spinal phenomenon due to insufficient postoperative thoracic kyphosis after adolescent idiopathic scoliosis surgery. <i>European Spine Journal</i> , 2021, 30, 1988-1997.	1.0	12
34	Bone substitutes in adolescent idiopathic scoliosis surgery using sublaminar bands: is it useful? A case-control study. <i>International Orthopaedics</i> , 2017, 41, 2083-2090.	0.9	11
35	Characterization of trunk motion in adolescents with right thoracic idiopathic scoliosis. <i>European Spine Journal</i> , 2019, 28, 2025-2033.	1.0	11
36	Circumferential minimally invasive approach for low-grade isthmic spondylolisthesis: A clinical and radiological study of 43 patients. <i>Orthopaedics and Traumatology: Surgery and Research</i> , 2018, 104, 575-579.	0.9	10

#	ARTICLE	IF	CITATIONS
37	Treatment of lumbar canal stenosis in patients with compensated sagittal balance. Orthopaedics and Traumatology: Surgery and Research, 2021, 107, 102861.	0.9	10
38	Variation of cervical sagittal alignment parameters according to gender, pelvic incidence and age. European Spine Journal, 2022, 31, 1228-1240.	1.0	10
39	Adult Spinal Deformities: Can Patient-Specific Rods Change the Preoperative Planning into Clinical Reality? Feasibility Study and Preliminary Results about 77 Cases. Advances in Orthopedics, 2020, 2020, 1-5.	0.4	9
40	Fixation augmentation using calcium-phosphate bone substitute improves outcomes of complex tibial plateau fractures. A matched, cohort study. International Orthopaedics, 2018, 42, 2915-2923.	0.9	8
41	Cervical Facet Orientation Varies with Age in Children. Journal of Bone and Joint Surgery - Series A, 2018, 100, e57.	1.4	8
42	Does static trunk motion analysis reflect its true position during daily activities in adolescent with idiopathic scoliosis?. Orthopaedics and Traumatology: Surgery and Research, 2020, 106, 1251-1256.	0.9	8
43	How Sublaminar Bands Affect Postoperative Sagittal Alignment in AIS Patients with Preoperative Hypokyphosis? Results of a Series of 34 Patients with 2-Year Follow-Up. BioMed Research International, 2016, 2016, 1-5.	0.9	7
44	Transplantar intramedullary locking nailing in childhood congenital pseudarthrosis of the tibia: A report of 3 cases. Orthopaedics and Traumatology: Surgery and Research, 2016, 102, 521-524.	0.9	6
45	Surgical management of post-traumatic atlantoaxial rotatory fixation due to C2 facet fracture: 5 clinical cases. Orthopaedics and Traumatology: Surgery and Research, 2017, 103, 67-70.	0.9	6
46	Correction of axial deformity during lengthening in fibular hypoplasia: Hexapodal versus monorail external fixation. Orthopaedics and Traumatology: Surgery and Research, 2017, 103, 755-759.	0.9	5
47	Spinal alignment evolution with age: A prospective gait analysis study. World Journal of Orthopedics, 2017, 8, 256.	0.8	5
48	Traumatic inter-condylar dislocation of the patella: Report of two cases. Orthopaedics and Traumatology: Surgery and Research, 2013, 99, 979-981.	0.9	4
49	Minimal Invasive Circumferential Management of Thoracolumbar Spine Fractures. BioMed Research International, 2015, 2015, 1-6.	0.9	4
50	Pseudoaneurysm of anterior tibial artery following a diaphyseal fracture of the tibia mimicking a malignant bone tumor. Archives of Orthopaedic and Trauma Surgery, 2016, 136, 1247-1250.	1.3	4
51	Forearm lengthening: management of elbow and wrist. Journal of Children's Orthopaedics, 2016, 10, 593-595.	0.4	4
52	Surgical management of burst fractures in children and adolescents: A Multicentre Retrospective Study. Orthopaedics and Traumatology: Surgery and Research, 2020, 106, 173-178.	0.9	4
53	Can the TrueLok Hexapod System® be used to accurately correct lower limb deformity in children?. Orthopaedics and Traumatology: Surgery and Research, 2020, 106, 1361-1366.	0.9	4
54	Comparison of four correction techniques for posterior spinal fusion in adolescent idiopathic scoliosis. European Spine Journal, 2022, 31, 1028-1035.	1.0	4

#	ARTICLE	IF	CITATIONS
55	Impact of surgical correction of a U-shaped sacral fracture on sagittal spino-pelvic alignment: Regarding one case. Neurochirurgie, 2016, 62, 344-348.	0.6	3
56	Bone lengthening: Bridging joints, soft tissue releases, physiotherapy. Journal of Children's Orthopaedics, 2016, 10, 517-519.	0.4	3
57	Description of spine motion during gait in normal adolescents and young adults. European Spine Journal, 2021, 30, 2520-2530.	1.0	3
58	Functional and surgical treatments in patients with spinal muscular atrophy (SMA). Archives De Pediatrie, 2020, 27, 7S35-7S39.	0.4	3
59	Sacral hiatus corticosteroid injection in the management of radicular pain in adults. Orthopaedics and Traumatology: Surgery and Research, 2020, 106, 1191-1193.	0.9	1
60	Le fixateur externe TrueLok Hexapod System permet-il une correction prÃ©cise des dÃ©formations des membres infÃ©rieurs chez lâ€™enfant?. Revue De Chirurgie Orthopedique Et Traumatologique, 2020, 106, 850-856.	0.0	1
61	Early dynamic changes within the spine following posterior fusion using hybrid instrumentation in adolescents with idiopathic scoliosis: a gait analysis study. Archives of Orthopaedic and Trauma Surgery, 2022, 142, 3613-3621.	1.3	1
62	Luxation traumatique inter-condylienne de la patella: Ã  propos de deux cas. Revue De Chirurgie Orthopedique Et Traumatologique, 2013, 99, 797-799.	0.0	0
63	RÃ©paration aortique endovasculaire dans les suites dâ€™un vissage pÃ©diculaire thoracique. Revue De Chirurgie Orthopedique Et Traumatologique, 2014, 100, 423.	0.0	0
64	FaisabilitÃ© dâ€™un protocole de rÃ©duction aux urgences des fractures diaphysaires des deux os de lâ€™avant-bras chez lâ€™enfant. Revue De Chirurgie Orthopedique Et Traumatologique, 2015, 101, 390-393.	0.0	0
65	Correction des dÃ©formations axiales au cours des allongements dans les hypoplasies fibulaires: fixateur externe hexapodal versus fixateur monolatÃ©ral. Revue De Chirurgie Orthopedique Et Traumatologique, 2017, 103, 524-528.	0.0	0
66	Approche circonferentielle mini-invasive pour le spondylolisthÃ©sis par lyse isthmique de bas grade: une Ã©tude clinico-radiologique de 43 patients. Revue De Chirurgie Orthopedique Et Traumatologique, 2018, 104, 409-414.	0.0	0
67	Computation of Intersegmental Moments during Standing Posture: Can We Neglect the Horizontal Ground Reaction Force? Results from an Experimental Study. Advances in Orthopedics, 2019, 2019, 1-4.	0.4	0
68	Ã‰tude de corrÃ©lation entre lâ€™analyse statique au laboratoire de la marche et les paramÃ©tres radiographiques chez les adolescents porteurs dâ€™une scoliose idiopathique. Revue De Chirurgie Orthopedique Et Traumatologique, 2019, 105, 363-368.	0.0	0
69	Lâ€™analyse statique du tronc reflÃ©te-t-elle sa position rÃ©elle dans la vie quotidienne chez les adolescents porteurs dâ€™une scoliose idiopathique?. Revue De Chirurgie Orthopedique Et Traumatologique, 2020, 106, 777-783.	0.0	0
70	Recent advances in the surgical management of congenital scoliosis in children. Minerva Orthopedics, 2021, 72, .	0.1	0
71	Improved upper limb movement analysis profile in adolescents with idiopathic scoliosis two years after posterior spinal fusion. Gait and Posture, 2021, 90, 226-227.	0.6	0
72	Traumi degli arti nei bambini. EMC - Urgenze, 2018, 22, 1-12.	0.0	0