

Matthieu Ollivier

List of Publications by Year in descending order

Source: [//exaly.com/author-pdf/5222638/publications.pdf](https://exaly.com/author-pdf/5222638/publications.pdf)

Version: 2024-02-01

105
papers

2,015
citations

226546

25
h-index

286620

40
g-index

116
all docs

116
docs citations

116
times ranked

2497
citing authors

#	ARTICLE	IF	CITATIONS
1	New insight into the structure and regulation of the plant vacuolar H ⁺ -ATPase. <i>Journal of Bioenergetics and Biomembranes</i> , 2003, 35, 377-388.	2.3	94
2	COVID-19 - ESSKA guidelines and recommendations for resuming elective surgery. <i>Journal of Experimental Orthopaedics</i> , 2020, 7, 28.	1.9	89
3	Does Impact Sport Activity Influence Total Hip Arthroplasty Durability?. <i>Clinical Orthopaedics and Related Research</i> , 2012, 470, 3060-3066.	1.5	86
4	The Fas-Associated Death Domain Protein Is Required in Apoptosis and TLR-Induced Proliferative Responses in B Cells. <i>Journal of Immunology</i> , 2006, 176, 6852-6861.	0.8	80
5	Patient-specific cutting guides for open-wedge high tibial osteotomy: safety and accuracy analysis of a hundred patients continuous cohort. <i>International Orthopaedics</i> , 2019, 43, 2757-2765.	2.0	80
6	A Novel Composite Endpoint to Evaluate the Gastrointestinal (GI) Effects of Nonsteroidal Antiinflammatory Drugs Through the Entire GI Tract. <i>Journal of Rheumatology</i> , 2010, 37, 167-174.	2.1	73
7	Are three-dimensional patient-specific cutting guides for open wedge high tibial osteotomy accurate? An in vitro study. <i>Journal of Orthopaedic Surgery and Research</i> , 2018, 13, 171.	2.4	72
8	The John Insall Award: No Functional Benefit After Unicompartmental Knee Arthroplasty Performed With Patient-specific Instrumentation: A Randomized Trial. <i>Clinical Orthopaedics and Related Research</i> , 2016, 474, 60-68.	1.5	66
9	Managing intra-articular deformity in high Tibial osteotomy: a narrative review. <i>Journal of Experimental Orthopaedics</i> , 2020, 7, 65.	1.9	55
10	Evaluation of the "Minimal Clinically Important Difference" (MCID) of the KOOS, KSS and SF-12 scores after open-wedge high tibial osteotomy. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2021, 29, 820-826.	4.2	54
11	Opening wedge high tibial osteotomy allows better outcomes than unicompartmental knee arthroplasty in patients expecting to return to impact sports. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2020, 28, 3849-3857.	4.2	49
12	No Benefit of Computer-assisted TKA: 10-year Results of a Prospective Randomized Study. <i>Clinical Orthopaedics and Related Research</i> , 2018, 476, 126-134.	1.5	48
13	Patient-specific high-tibial osteotomy's "cutting-guides" decrease operating time and the number of fluoroscopic images taken after a Brief Learning Curve. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2020, 28, 2854-2862.	4.2	48
14	1.5°C or 2°C: a conductive view from the science-policy interface at COP20 in Lima, Peru. <i>Climate Change Responses</i> , 2015, 2, .	2.6	44
15	"More accurate correction using "patient-specific" cutting guides in opening wedge distal femur varization osteotomies. <i>International Orthopaedics</i> , 2019, 43, 2285-2291.	2.0	43
16	Adding a protective K-wire during opening high tibial osteotomy increases lateral hinge resistance to fracture. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2020, 28, 751-758.	4.2	41
17	A protective hinge wire, intersecting the osteotomy plane, can reduce the occurrence of perioperative hinge fractures in medial opening wedge osteotomy. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2020, 28, 3173-3182.	4.2	39
18	Neutral alignment resulting from tibial vara and opposite femoral valgus is the main morphologic pattern in healthy middle-aged patients: an exploration of a 3D-CT database. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2021, 29, 849-858.	4.2	39

#	ARTICLE	IF	CITATIONS
19	Alpha particle haloes in chlorite and cordierite. <i>Mineralogy and Petrology</i> , 2006, 86, 1-27.	1.1	38
20	Long telomeres in peripheral blood leukocytes are associated with an increased risk of soft tissue sarcoma. <i>Cancer</i> , 2013, 119, 1885-1891.	4.1	36
21	Biomarkers of Kidney Tubule Health, CKD Progression, and Acute Kidney Injury in SPRINT (Systolic) Tj ETQq1 1 0.784314 rgBT /Overlo 361-368.e1.	2.0	36
22	Osteotomy around the knee is planned toward an anatomical bone correction in less than half of patients. <i>Orthopaedics and Traumatology: Surgery and Research</i> , 2021, 107, 102897.	2.5	31
23	Does standing limb alignment after total knee arthroplasty predict dynamic alignment and knee loading during gait?. <i>Knee</i> , 2017, 24, 627-633.	1.6	29
24	Long-Term Results of Medial Unicompartmental Knee Arthroplasty for Knee Avascular Necrosis. <i>Journal of Arthroplasty</i> , 2019, 34, 465-468.	3.1	29
25	Osteoblast-derived NOTUM reduces cortical bone mass in mice and the <i>NOTUM</i> locus is associated with bone mineral density in humans. <i>FASEB Journal</i> , 2019, 33, 11163-11179.	0.5	28
26	An ultrastructural study of thrombomodulin endocytosis: Internalization occurs via clathrin-coated and non-coated pits. <i>Journal of Cellular Physiology</i> , 1992, 151, 604-612.	4.2	27
27	Minimum 10-Year Outcome of One-Stage Total Hip Arthroplasty Without Subtrochanteric Osteotomy Using a Cementless Custom Stem for Crowe III and IV Hip Dislocation. <i>Journal of Arthroplasty</i> , 2018, 33, 2197-2202.	3.1	27
28	Osteotomy around the painful degenerative varus knee: a 2022 ESSKA formal consensus. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2023, 31, 3041-3043.	4.2	27
29	The Effect of Smoking Bans on Bars and Restaurants: An Analysis of Changes in Employment. <i>B E Journal of Economic Analysis and Policy</i> , 2007, 7, .	1.0	26
30	Matching hydrologic response to measured effective hydraulic conductivity. <i>Hydrological Processes</i> , 2006, 20, 487-504.	2.6	21
31	The top 100 most-cited <i>Orthopaedics & Traumatology: Surgery & Research</i> articles. <i>Orthopaedics and Traumatology: Surgery and Research</i> , 2019, 105, 1459-1462.	2.5	20
32	Adding a protective screw improves hinge's axial and torsional stability in High Tibial Osteotomy. <i>Clinical Biomechanics</i> , 2020, 74, 96-102.	1.3	20
33	Femoral malrotation from diaphyseal fractures results in changes in patellofemoral alignment and higher patellofemoral stress from a finite element model study. <i>Knee</i> , 2018, 25, 807-813.	1.6	19
34	Patient-reported outcomes and experiences in the transition of undocumented patients from emergency to scheduled hemodialysis. <i>Kidney International</i> , 2021, 99, 198-207.	5.4	19
35	Double level knee osteotomy using patient-specific cutting guides is accurate and provides satisfactory clinical results: a prospective analysis of a cohort of twenty-two continuous patients. <i>International Orthopaedics</i> , 2022, 46, 473-479.	2.0	19
36	<i>Lecanora stanislai</i> , a new, sterile, usnic acid containing lichen species from Eurasia and North America. <i>Phytotaxa</i> , 2017, 329, 201.	0.3	18

#	ARTICLE	IF	CITATIONS
37	Upper Femur Anatomy Depends on Age and Gender: A Three-Dimensional Computed Tomography Comparative Bone Morphometric Analysis of 628 Healthy Patients' Hips. <i>Journal of Arthroplasty</i> , 2019, 34, 2487-2493.	3.1	18
38	First results of DEPFET-based active-pixel-sensor prototypes for the XEUS wide-field imager. , 2004, 5501, 89.		17
39	Medial patellofemoral ligament reconstruction in children: do osseous abnormalities matter?. <i>International Orthopaedics</i> , 2018, 42, 1357-1362.	2.0	17
40	Painful Hip Arthroplasty: What Should We Find? Diagnostic Approach and Results. <i>Journal of Arthroplasty</i> , 2019, 34, 1802-1807.	3.1	17
41	Healthy middle-aged Asian and Caucasian populations present with large intra- and inter-individual variations of lower limb torsion. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2021, 29, 1083-1089.	4.2	17
42	Ten-year epidemiological study in an orthopaedic and trauma surgery centre: Are there risks involved in increasing scheduled arthroplasty volume without increasing resources?. <i>Orthopaedics and Traumatology: Surgery and Research</i> , 2018, 104, 1283-1289.	2.5	16
43	Morphometric Tibial Implant Decreases Posterior Overhang Rate and Improves Clinical Outcomes: Results of a Prospective, Matched Controlled Study. <i>Journal of Arthroplasty</i> , 2018, 33, 2804-2809.	3.1	16
44	Better Implant Positioning and Clinical Outcomes With a Morphometric Unicompartmental Knee Arthroplasty. Results of a Retrospective, Matched-Controlled Study. <i>Journal of Arthroplasty</i> , 2019, 34, 2903-2908.	3.1	15
45	Lateral femoral closing wedge osteotomy in genu varum. <i>Orthopaedics and Traumatology: Surgery and Research</i> , 2021, 107, 102989.	2.5	15
46	Finite element analysis of trans-lamina cribrosa pressure difference on optic nerve head biomechanics: the Beijing Intracranial and Intraocular Pressure Study. <i>Science China Life Sciences</i> , 2020, 63, 1887-1894.	5.0	15
47	Update on the supply and use of allografts in locomotor system pathologies in France. <i>Orthopaedics and Traumatology: Surgery and Research</i> , 2018, 104, 1125-1130.	2.5	14
48	Sectioning of the Anterior Intermenisal Ligament Changes Knee Loading Mechanics. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2018, 34, 2837-2843.	2.1	14
49	Minimally invasive harvesting of the quadriceps tendon: Technical note. <i>Orthopaedics and Traumatology: Surgery and Research</i> , 2021, 107, 102819.	2.5	14
50	Results and Outcomes of Unicompartmental Knee Arthroplasty. <i>Orthopedic Clinics of North America</i> , 2013, 44, 287-300.	1.4	13
51	Anatomy of the proximal femur at the time of total hip arthroplasty is a matter of morphotype and etiology but not gender. <i>Surgical and Radiologic Anatomy</i> , 2015, 37, 377-384.	1.2	13
52	N ₂ O and NO Emissions as Affected by the Continuous Combined Application of Organic and Mineral N Fertilizer to a Soil on the North China Plain. <i>Agronomy</i> , 2020, 10, 1965.	3.1	13
53	Salvage chemoradiotherapy after primary chemotherapy for locally advanced pancreatic cancer: a single-institution retrospective analysis. <i>BMC Cancer</i> , 2012, 12, 609.	2.6	11
54	Soft-Tissue Management and Neurovascular Protection During Opening-Wedge High Tibial Osteotomy. <i>Arthroscopy Techniques</i> , 2021, 10, e419-e422.	1.3	11

#	ARTICLE	IF	CITATIONS
55	When does a Pringle Maneuver cause harm?. <i>Hpb</i> , 2021, 23, 587-594.	0.3	11
56	Is the lateral tibial spine a reliable landmark for planning tibial or femoral valgus osteotomies?. <i>Orthopaedics and Traumatology: Surgery and Research</i> , 2022, 108, 103253.	2.5	10
57	Effect of Light on the Phytotoxicity of Fluridone in American Pondweed (<i>Potamogeton nodosus</i>) and Sago Pondweed (<i>P. pectinatus</i>). <i>Weed Science</i> , 1981, 29, 723-728.	1.8	9
58	Arthroscopic Repair of the Hip Abductor Musculotendinous Unit: The Effect of Microfracture on Clinical Outcomes. <i>American Journal of Sports Medicine</i> , 2021, 49, 1570-1577.	4.3	9
59	High Tibial Osteotomy With Miniaci Planning Using Manual and Semiautomated Digital Measures. <i>Video Journal of Sports Medicine</i> , 2021, 1, 263502542110329.	0.3	9
60	A novel cis-AB variant allele arising from a de novo nucleotide substitution c.796A>G (p.M266V) in the B glycosyltransferase gene. <i>Transfusion Medicine</i> , 2015, 25, 333-336.	1.1	8
61	Epidemiology of painful knee after total knee arthroplasty in a tertiary care center: Assessment by decision tree. <i>Knee</i> , 2020, 27, 1049-1056.	1.6	8
62	Is sequential bilateral robotic total knee arthroplasty a safe procedure? A matched comparative pilot study. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2023, 143, 1599-1609.	2.6	8
63	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. <i>BioMed Research International</i> , 2016, 2016, 1-5.	2.0	7
64	High-Efficiency Photon-Capturing Capability of Two-Dimensional SnS Nanosheets for Photoelectrochemical Cells. <i>Catalysts</i> , 2021, 11, 236.	3.6	7
65	TT virus (TTV) genotypes in native and non-native prostitutes of Irian Jaya, Indonesia: implication for non-occupational transmission. <i>Archives of Virology</i> , 2000, 145, 63-72.	1.9	6
66	French translation and cultural adaptation of a questionnaire for patients with hip or knee prosthesis. <i>Orthopaedics and Traumatology: Surgery and Research</i> , 2019, 105, 435-440.	2.5	6
67	Higher re-rupture rate in quadriceps tendon ACL reconstruction surgeries performed in Denmark: let's return to the mean. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2020, 28, 3655-3656.	4.2	6
68	Smaller left anterior cingulate cortex in non-bipolar relatives of patients with bipolar disorder. <i>Revista Brasileira De Psiquiatria</i> , 2019, 41, 254-256.	1.9	5
69	Four-Channel Photothermal Plate Reader for High-Throughput Nanoparticle-Amplified Immunoassay. <i>Analytical Chemistry</i> , 2020, 92, 15705-15710.	6.8	5
70	Patients with varus knee osteoarthritis undergoing high tibial osteotomy exhibit more femoral varus but similar tibial morphology compared to non-arthritic varus knees. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2022, 30, 680-687.	4.2	5
71	Patellar height is not modified after isolated open-wedge high tibial osteotomy without change in posterior tibial slope. <i>Orthopaedics and Traumatology: Surgery and Research</i> , 2021, 107, 103032.	2.5	5
72	Bony asymmetry in patellofemoral morphology and risk factors of instability are mostly clinically negligible. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2021, 29, 3793-3799.	4.2	5

#	ARTICLE	IF	CITATIONS
73	Germline sequencing for presumed germline pathogenic variants via tumor-only comprehensive genomic profiling. <i>International Journal of Clinical Oncology</i> , 2022, 27, 1256-1263.	2.3	5
74	Minimally Invasive Double Level Osteotomy in Severe Knee Varus: Pearls and Pitfalls. <i>Arthroscopy Techniques</i> , 2022, 11, e1105-e1109.	1.3	5
75	Mechanical strains passing through the acetabular labrum modify its shape during hip motion: an anatomical study. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2017, 25, 1967-1974.	4.2	4
76	Implantation of the Femoral Component Relative to the Tibial Component in Medial Unicompartmental Knee Arthroplasty: A Clinical, Radiological, and Biomechanical Study. <i>Journal of Arthroplasty</i> , 2022, 37, S82-S87.	3.1	4
77	An artificial intelligence based on a convolutional neural network allows a precise analysis of the alignment of the lower limb. <i>International Orthopaedics</i> , 2023, 47, 511-518.	2.0	4
78	Disrupting research in orthopedics: Reasons for facing the challenge of change. <i>Orthopaedics and Traumatology: Surgery and Research</i> , 2020, 106, 213-215.	2.5	3
79	In slope-changing osteotomy one millimeter is not one degree: results of an artificial intelligence-automated software analysis. <i>International Orthopaedics</i> , 2023, 47, 915-920.	2.0	3
80	Global Health Services Research: Challenging the Future. <i>Health Services Research</i> , 2004, 39, 1923-1926.	2.2	2
81	A rank approach for studying cross-currency bases and the covered interest rate parity. <i>Empirical Economics</i> , 2020, 59, 357-369.	2.9	2
82	Approches thérapeutiques de la gonarthrose. <i>Revue De L'Infirmiere</i> , 2016, 65, 25-27.	0.1	2
83	Erb West Field: The World's First Offshore Level 6 Multilateral Well. , 2001, , .		1
84	Évolution de la fourniture et de l'utilisation des allogreffes pour les pathologies de l'appareil locomoteur. Un état des lieux en France. <i>Revue De Chirurgie Orthopedique Et Traumatologique</i> , 2018, 104, 749-755.	0.0	1
85	Spot-scanning proton therapy for targets with adjacent cardiac implantable electronic devices "Strategies for breast and head & neck cancer. <i>Physics and Imaging in Radiation Oncology</i> , 2022, 21, 66-71.	2.8	1
86	Failure analysis of articulating polymethyl methacrylate spacers in two-stage revision total hip arthroplasty. <i>Bone & Joint Open</i> , 2022, 3, 485-494.	1.6	1
87	Obituary/Medallist notice. <i>Spinal Cord</i> , 1996, 34, 501-502.	1.9	0
88	Flies and Grounders. <i>Critical Quarterly</i> , 2003, 45, 183-184.	0.1	0
89	Impacts of mire reclamation on dynamics of dissolved nutrients in fluvial systems in the Sanjiang Plain, Northeast China. <i>Journal of Environmental Monitoring</i> , 2012, 14, 2913.	2.1	0
90	Report of the ALCTS CMS Collection Evaluation & Assessment Interest Group Meeting. American Library Association Annual Conference, San Francisco, June 2015. <i>Technical Services Quarterly</i> , 2016, 33, 183-192.	0.3	0

#	ARTICLE	IF	CITATIONS
91	Development of an Intelligent Seat for the Alleviation of Pressure Ulcers. , 2018, , .		0
92	Study of Water Quality Changes due to Offshore Dike Development Plan at Semarang Bay. IOP Conference Series: Earth and Environmental Science, 2018, 135, 012009.	0.3	0
93	Response to Letter to the Editor on "Unexplained Painful Hip Arthroplasty: What Should We Find? Diagnostic Approach and Results" Journal of Arthroplasty, 2019, 34, 2196.	3.1	0
94	Évolution et projection de la chirurgie du genou en France de 2008 à 2070 : Étude épidémiologique avec analyse de tendance et projection. Revue De Chirurgie Orthopedique Et Traumatologique, 2020, 106, 508-517.	0.0	0
95	Risque thromboembolique veineux chez les patients traumatisés d'un membre inférieur nécessitant une immobilisation : vers une approche individualisée. Annales Francaises De Medecine D'Urgence, 2021, 11, 311-319.	0.1	0
96	«Proposition : Les patient-specific instrumentation more precise than conventional techniques and navigation in achieving planned correction in high tibial osteotomy?» par N. Tardy, C. Steltzlen, N. Bouguennec, J.-L. Cartier, P. Mertl, C. Bataillon, et al. publié dans Orthop Traumatol Surg Res 2020;8S:S231-S236. Revue De Chirurgie Orthopedique Et Traumatologique, 2021, 107, 273-275.	0.0	0
97	Les ostéotomies autour du genou sont planifiées dans moins de la moitié des cas selon une correction osseuse anatomique. Revue De Chirurgie Orthopedique Et Traumatologique, 2021, 107, 517-526.	0.0	0
98	La hauteur patellaire n'est pas modifiée par les ostéotomies tibiales de valgisation pure par ouverture interne sans modification de la pente tibiale. Revue De Chirurgie Orthopedique Et Traumatologique, 2021, 107, 929-929.	0.0	0
99	The torsion of the proximal femur in cementless total hip arthroplasty: a 3-dimensional evaluation. HIP International, 2021, , 112070002110371.	1.8	0
100	Description d'une technique hybride ciel ouvert-arthroscopie de butée coracoïdienne selon Latarjet utilisant l'ancillaire «HyLa». Revue De Chirurgie Orthopedique Et Traumatologique, 2021, 107, 650-655.	0.0	0
101	Electric Discharge Hybrid-Machining Processes. , 0, , .		0
102	Cognitive Interventions. , 2022, , 165-198.		0
103	L'alignement frontal et sagittal des membres inférieurs chez les caucasiens. Analyse d'une base de données tomodensitométrique tridimensionnelle. Revue De Chirurgie Orthopedique Et Traumatologique, 2022, 108, 356-361.	0.0	0
104	Structure-based Computational Modeling of Germline <i>PTEN</i> Mutations in Cancer and Autism Risk: Implications for Therapeutic Targeting. FASEB Journal, 2022, 36, .	0.5	0
105	Double-level osteotomy for varus knees using patient-specific cutting guides allow more accurate correction but similar clinical outcomes as compared to conventional techniques. Orthopaedics and Traumatology: Surgery and Research, 2024, , 103949.	2.5	0