

Matthieu Ollivier

List of Publications by Year in descending order

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105
papers

2,015
citations

226546

25
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286620

40
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116
all docs

116
docs citations

116
times ranked

2497
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | 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 |
| 2 | Is sequential bilateral robotic total knee arthroplasty a safe procedure? A matched comparative pilot study. Archives of Orthopaedic and Trauma Surgery, 2023, 143, 1599-1609. | 2.6 | 8 |
| 3 | Osteotomy around the painful degenerative varus knee: a 2022 ESSKA formal consensus. Knee Surgery, Sports Traumatology, Arthroscopy, 2023, 31, 3041-3043. | 4.2 | 27 |
| 4 | An artificial intelligence based on a convolutional neural network allows a precise analysis of the alignment of the lower limb. International Orthopaedics, 2023, 47, 511-518. | 2.0 | 4 |
| 5 | In slope-changing osteotomy one millimeter is not one degree: results of an artificial intelligence-automated software analysis. International Orthopaedics, 2023, 47, 915-920. | 2.0 | 3 |
| 6 | Patients with varus knee osteoarthritis undergoing high tibial osteotomy exhibit more femoral varus but similar tibial morphology compared to non-arthritic varus knees. Knee Surgery, Sports Traumatology, Arthroscopy, 2022, 30, 680-687. | 4.2 | 5 |
| 7 | 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. International Orthopaedics, 2022, 46, 473-479. | 2.0 | 19 |
| 8 | Spot-scanning proton therapy for targets with adjacent cardiac implantable electronic devices "Strategies for breast and head & neck cancer. Physics and Imaging in Radiation Oncology, 2022, 21, 66-71. | 2.8 | 1 |
| 9 | Is the lateral tibial spine a reliable landmark for planning tibial or femoral valgus osteotomies?. Orthopaedics and Traumatology: Surgery and Research, 2022, 108, 103253. | 2.5 | 10 |
| 10 | Implantation of the Femoral Component Relative to the Tibial Component in Medial Unicompartmental Knee Arthroplasty: A Clinical, Radiological, and Biomechanical Study. Journal of Arthroplasty, 2022, 37, S82-S87. | 3.1 | 4 |
| 11 | Cognitive Interventions. , 2022, , 165-198. | | 0 |
| 12 | 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 |
| 13 | Structure-based Computational Modeling of Germline PTEN Mutations in Cancer and Autism Risk: Implications for Therapeutic Targeting. FASEB Journal, 2022, 36, . | 0.5 | 0 |
| 14 | Germline sequencing for presumed germline pathogenic variants via tumor-only comprehensive genomic profiling. International Journal of Clinical Oncology, 2022, 27, 1256-1263. | 2.3 | 5 |
| 15 | Failure analysis of articulating polymethyl methacrylate spacers in two-stage revision total hip arthroplasty. Bone & Joint Open, 2022, 3, 485-494. | 1.6 | 1 |
| 16 | Minimally Invasive Double Level Osteotomy in Severe Knee Varus: Pearls and Pitfalls. Arthroscopy Techniques, 2022, 11, e1105-e1109. | 1.3 | 5 |
| 17 | Evaluation of the "Minimal Clinically Important Difference" (MCID) of the KOOS, KSS and SF-12 scores after open-wedge high tibial osteotomy. Knee Surgery, Sports Traumatology, Arthroscopy, 2021, 29, 820-826. | 4.2 | 54 |
| 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. Knee Surgery, Sports Traumatology, Arthroscopy, 2021, 29, 849-858. | 4.2 | 39 |

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|----|---|-----|-----------|
| 19 | 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 |
| 20 | 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 |
| 21 | Risque thromboembolique veineux chez les patients traumatisés d'un membre inférieur nécessitant une immobilisation : vers une approche individualisée. <i>Annales Francaises De Medecine D'Urgence</i> , 2021, 11, 311-319. | 0.1 | 0 |
| 22 | High-Efficiency Photon-Capturing Capability of Two-Dimensional SnS Nanosheets for Photoelectrochemical Cells. <i>Catalysts</i> , 2021, 11, 236. | 3.6 | 7 |
| 23 | Soft-Tissue Management and Neurovascular Protection During Opening-Wedge High Tibial Osteotomy. <i>Arthroscopy Techniques</i> , 2021, 10, e419-e422. | 1.3 | 11 |
| 24 | «proposés : 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 <i>Orthop Traumatol Surg Res</i> 2020;8S:S231-S236. <i>Revue De Chirurgie Orthopedique Et Traumatologique</i> , 2021, 107, 273-275. | 0.0 | 0 |
| 25 | Minimally invasive harvesting of the quadriceps tendon: Technical note. <i>Orthopaedics and Traumatology: Surgery and Research</i> , 2021, 107, 102819. | 2.5 | 14 |
| 26 | 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 |
| 27 | When does a Pringle Maneuver cause harm?. <i>Hpb</i> , 2021, 23, 587-594. | 0.3 | 11 |
| 28 | Les ostéotomies autour du genou sont planifiées dans moins de la moitié des cas selon une correction osseuse anatomique. <i>Revue De Chirurgie Orthopedique Et Traumatologique</i> , 2021, 107, 517-526. | 0.0 | 0 |
| 29 | Lateral femoral closing wedge osteotomy in genu varum. <i>Orthopaedics and Traumatology: Surgery and Research</i> , 2021, 107, 102989. | 2.5 | 15 |
| 30 | 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 |
| 31 | La hauteur patellaire n'est pas modifiée par les ostéotomies tibiales de valgisation pure par ouverture interne sans modification de la pente tibiale. <i>Revue De Chirurgie Orthopedique Et Traumatologique</i> , 2021, 107, 929-929. | 0.0 | 0 |
| 32 | The torsion of the proximal femur in cementless total hip arthroplasty: a 3-dimensional evaluation. <i>HIP International</i> , 2021, , 112070002110371. | 1.8 | 0 |
| 33 | 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 |
| 34 | Description d'une technique hybride ciel ouvert-arthroscopie de butée coracoïdienne selon Latarjet utilisant l'ancillaire «HyLa». <i>Revue De Chirurgie Orthopedique Et Traumatologique</i> , 2021, 107, 650-655. | 0.0 | 0 |
| 35 | Biomarkers of Kidney Tubule Health, CKD Progression, and Acute Kidney Injury in SPRINT (Systolic Tj ETQq1 1 0.784314 rgBT /Overlook 361-368.e1. | 2.0 | 36 |
| 36 | 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 |

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|----|--|-----|-----------|
| 37 | High Tibial Osteotomy With Miniaci Planning Using Manual and Semiautomated Digital Measures. Video Journal of Sports Medicine, 2021, 1, 263502542110329. | 0.3 | 9 |
| 38 | Adding a protective K-wire during opening high tibial osteotomy increases lateral hinge resistance to fracture. Knee Surgery, Sports Traumatology, Arthroscopy, 2020, 28, 751-758. | 4.2 | 41 |
| 39 | A rank approach for studying cross-currency bases and the covered interest rate parity. Empirical Economics, 2020, 59, 357-369. | 2.9 | 2 |
| 40 | Patient-specific high-tibial osteotomy's cutting-guides decrease operating time and the number of fluoroscopic images taken after a Brief Learning Curve. Knee Surgery, Sports Traumatology, Arthroscopy, 2020, 28, 2854-2862. | 4.2 | 48 |
| 41 | A protective hinge wire, intersecting the osteotomy plane, can reduce the occurrence of perioperative hinge fractures in medial opening wedge osteotomy. Knee Surgery, Sports Traumatology, Arthroscopy, 2020, 28, 3173-3182. | 4.2 | 39 |
| 42 | Four-Channel Photothermal Plate Reader for High-Throughput Nanoparticle-Amplified Immunoassay. Analytical Chemistry, 2020, 92, 15705-15710. | 6.8 | 5 |
| 43 | 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 |
| 44 | 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. Agronomy, 2020, 10, 1965. | 3.1 | 13 |
| 45 | Higher re-rupture rate in quadriceps tendon ACL reconstruction surgeries performed in Denmark: let's return to the mean. Knee Surgery, Sports Traumatology, Arthroscopy, 2020, 28, 3655-3656. | 4.2 | 6 |
| 46 | Adding a protective screw improves hinge's axial and torsional stability in High Tibial Osteotomy. Clinical Biomechanics, 2020, 74, 96-102. | 1.3 | 20 |
| 47 | Disrupting research in orthopedics: Reasons for facing the challenge of change. Orthopaedics and Traumatology: Surgery and Research, 2020, 106, 213-215. | 2.5 | 3 |
| 48 | Opening wedge high tibial osteotomy allows better outcomes than unicompartmental knee arthroplasty in patients expecting to return to impact sports. Knee Surgery, Sports Traumatology, Arthroscopy, 2020, 28, 3849-3857. | 4.2 | 49 |
| 49 | Epidemiology of painful knee after total knee arthroplasty in a tertiary care center: Assessment by decision tree. Knee, 2020, 27, 1049-1056. | 1.6 | 8 |
| 50 | Finite element analysis of trans-lamina cribrosa pressure difference on optic nerve head biomechanics: the Beijing Intracranial and Intraocular Pressure Study. Science China Life Sciences, 2020, 63, 1887-1894. | 5.0 | 15 |
| 51 | COVID-19 - ESSKA guidelines and recommendations for resuming elective surgery. Journal of Experimental Orthopaedics, 2020, 7, 28. | 1.9 | 89 |
| 52 | Managing intra-articular deformity in high Tibial osteotomy: a narrative review. Journal of Experimental Orthopaedics, 2020, 7, 65. | 1.9 | 55 |
| 53 | Osteoblast-derived NOTUM reduces cortical bone mass in mice and the NOTUM locus is associated with bone mineral density in humans. FASEB Journal, 2019, 33, 11163-11179. | 0.5 | 28 |
| 54 | Patient-specific cutting guides for open-wedge high tibial osteotomy: safety and accuracy analysis of a hundred patients continuous cohort. International Orthopaedics, 2019, 43, 2757-2765. | 2.0 | 80 |

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|----|--|-----|-----------|
| 55 | 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 |
| 56 | Better Implant Positioning and Clinical Outcomes With a Morphometric Unicompartmental Knee Arthroplasty. Results of a Retrospective, Matched-Controlled Study. Journal of Arthroplasty, 2019, 34, 2903-2908. | 3.1 | 15 |
| 57 | Smaller left anterior cingulate cortex in non-bipolar relatives of patients with bipolar disorder. Revista Brasileira De Psiquiatria, 2019, 41, 254-256. | 1.9 | 5 |
| 58 | Upper Femur Anatomy Depends on Age and Gender: A Three-Dimensional Computed Tomography Comparative Bone Morphometric Analysis of 628 Healthy Patients' Hips. Journal of Arthroplasty, 2019, 34, 2487-2493. | 3.1 | 18 |
| 59 | The top 100 most-cited Orthopaedics & Traumatology: Surgery & Research articles. Orthopaedics and Traumatology: Surgery and Research, 2019, 105, 1459-1462. | 2.5 | 20 |
| 60 | French translation and cultural adaptation of a questionnaire for patients with hip or knee prosthesis. Orthopaedics and Traumatology: Surgery and Research, 2019, 105, 435-440. | 2.5 | 6 |
| 61 | Painful Hip Arthroplasty: What Should We Find? Diagnostic Approach and Results. Journal of Arthroplasty, 2019, 34, 1802-1807. | 3.1 | 17 |
| 62 | "More accurate correction using "patient-specific" cutting guides in opening wedge distal femur varization osteotomies. International Orthopaedics, 2019, 43, 2285-2291. | 2.0 | 43 |
| 63 | Long-Term Results of Medial Unicompartmental Knee Arthroplasty for Knee Avascular Necrosis. Journal of Arthroplasty, 2019, 34, 465-468. | 3.1 | 29 |
| 64 | 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. Journal of Arthroplasty, 2018, 33, 2197-2202. | 3.1 | 27 |
| 65 | Medial patellofemoral ligament reconstruction in children: do osseous abnormalities matter?. International Orthopaedics, 2018, 42, 1357-1362. | 2.0 | 17 |
| 66 | No Benefit of Computer-assisted TKA: 10-year Results of a Prospective Randomized Study. Clinical Orthopaedics and Related Research, 2018, 476, 126-134. | 1.5 | 48 |
| 67 | Development of an Intelligent Seat for the Alleviation of Pressure Ulcers. , 2018, , . | | 0 |
| 68 | Évolution de la fourniture et de l'utilisation des allogreffes pour les pathologies de l'appareil locomoteur. Un État des lieux en France. Revue De Chirurgie Orthopedique Et Traumatologique, 2018, 104, 749-755. | 0.0 | 1 |
| 69 | Ten-year epidemiological study in an orthopaedic and trauma surgery centre: Are there risks involved in increasing scheduled arthroplasty volume without increasing resources?. Orthopaedics and Traumatology: Surgery and Research, 2018, 104, 1283-1289. | 2.5 | 16 |
| 70 | Update on the supply and use of allografts in locomotor system pathologies in France. Orthopaedics and Traumatology: Surgery and Research, 2018, 104, 1125-1130. | 2.5 | 14 |
| 71 | Sectioning of the Anterior Intermeniscal Ligament Changes Knee Loading Mechanics. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2018, 34, 2837-2843. | 2.1 | 14 |
| 72 | Femoral malrotation from diaphyseal fractures results in changes in patellofemoral alignment and higher patellofemoral stress from a finite element model study. Knee, 2018, 25, 807-813. | 1.6 | 19 |

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|----|---|-----|-----------|
| 73 | 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 |
| 74 | 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 |
| 75 | Study of Water Quality Changes due to Offshore Dike Development Plan at Semarang Bay. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018, 135, 012009. | 0.3 | 0 |
| 76 | 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 |
| 77 | 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 |
| 78 | Lecanora stanislai, a new, sterile, usnic acid containing lichen species from Eurasia and North America. <i>Phytotaxa</i> , 2017, 329, 201. | 0.3 | 18 |
| 79 | 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 |
| 80 | 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 |
| 81 | The John Insall Award: No Functional Benefit After Unicompartamental Knee Arthroplasty Performed With Patient-specific Instrumentation: A Randomized Trial. <i>Clinical Orthopaedics and Related Research</i> , 2016, 474, 60-68. | 1.5 | 66 |
| 82 | Approches thérapeutiques de la gonarthrose. <i>Revue De L'Infirmiere</i> , 2016, 65, 25-27. | 0.1 | 2 |
| 83 | 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 |
| 84 | 1.5°C or 2°C: a conductance view from the science-policy interface at COP20 in Lima, Peru. <i>Climate Change Responses</i> , 2015, 2, . | 2.6 | 44 |
| 85 | 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 |
| 86 | Results and Outcomes of Unicompartamental Knee Arthroplasty. <i>Orthopedic Clinics of North America</i> , 2013, 44, 287-300. | 1.4 | 13 |
| 87 | 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 |
| 88 | 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 |
| 89 | 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 |
| 90 | Does Impact Sport Activity Influence Total Hip Arthroplasty Durability?. <i>Clinical Orthopaedics and Related Research</i> , 2012, 470, 3060-3066. | 1.5 | 86 |

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|-----|--|-----|-----------|
| 91 | 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 |
| 92 | 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 |
| 93 | Alpha particle haloes in chlorite and cordierite. <i>Mineralogy and Petrology</i> , 2006, 86, 1-27. | 1.1 | 38 |
| 94 | Matching hydrologic response to measured effective hydraulic conductivity. <i>Hydrological Processes</i> , 2006, 20, 487-504. | 2.6 | 21 |
| 95 | 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 |
| 96 | Global Health Services Research: Challenging the Future. <i>Health Services Research</i> , 2004, 39, 1923-1926. | 2.2 | 2 |
| 97 | First results of DEPFET-based active-pixel-sensor prototypes for the XEUS wide-field imager. , 2004, 5501, 89. | | 17 |
| 98 | 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 |
| 99 | Flies and Grounders. <i>Critical Quarterly</i> , 2003, 45, 183-184. | 0.1 | 0 |
| 100 | Erb West Field: The World's First Offshore Level 6 Multilateral Well. , 2001, , . | | 1 |
| 101 | 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 |
| 102 | Obituary/Medallist notice. <i>Spinal Cord</i> , 1996, 34, 501-502. | 1.9 | 0 |
| 103 | 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 |
| 104 | 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 |
| 105 | Electric Discharge Hybrid-Machining Processes. , 0, , . | | 0 |