

Aravind Athiviraham

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

1,512
citations

394421

19
h-index

315739

38
g-index

53
all docs

53
docs citations

53
times ranked

2544
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Adenovirus-mediated gene delivery: Potential applications for gene and cell-based therapies in the new era of personalized medicine. <i>Genes and Diseases</i> , 2017, 4, 43-63. | 3.4 | 451 |
| 2 | Wnt/ β -catenin signaling plays an ever-expanding role in stem cell self-renewal, tumorigenesis and cancer chemoresistance. <i>Genes and Diseases</i> , 2016, 3, 11-40. | 3.4 | 223 |
| 3 | A pH-Triggered, Self-Assembled, and Bioprintable Hybrid Hydrogel Scaffold for Mesenchymal Stem Cell Based Bone Tissue Engineering. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 8749-8762. | 8.0 | 112 |
| 4 | Multifaceted signaling regulators of chondrogenesis: Implications in cartilage regeneration and tissue engineering. <i>Genes and Diseases</i> , 2015, 2, 307-327. | 3.4 | 86 |
| 5 | The wonders of BMP9: From mesenchymal stem cell differentiation, angiogenesis, neurogenesis, tumorigenesis, and metabolism to regenerative medicine. <i>Genes and Diseases</i> , 2019, 6, 201-223. | 3.4 | 71 |
| 6 | Predictive factors influencing clinical outcome with operative management of lumbar spinal stenosis. <i>Spine Journal</i> , 2011, 11, 613-617. | 1.3 | 52 |
| 7 | Thermoresponsive Citrate-Based Graphene Oxide Scaffold Enhances Bone Regeneration from BMP9-Stimulated Adipose-Derived Mesenchymal Stem Cells. <i>ACS Biomaterials Science and Engineering</i> , 2018, 4, 2943-2955. | 5.2 | 52 |
| 8 | Stem cell therapy for chronic skin wounds in the era of personalized medicine: From bench to bedside. <i>Genes and Diseases</i> , 2019, 6, 342-358. | 3.4 | 42 |
| 9 | Notch signaling: Its essential roles in bone and craniofacial development. <i>Genes and Diseases</i> , 2021, 8, 8-24. | 3.4 | 37 |
| 10 | Causes and Rates of Unplanned Readmissions After Elective Primary Total Joint Arthroplasty: A Systematic Review and Meta-Analysis. <i>American Journal of Orthopedics</i> , 2015, 44, 397-405. | 0.7 | 36 |
| 11 | Interferon- γ -dependent inhibition of late allergic airway responses and eosinophilia by CD8 $^{+}$ T cells. <i>Immunology</i> , 2007, 122, 230-238. | 4.4 | 33 |
| 12 | Sox9 augments BMP2-induced chondrogenic differentiation by downregulating Smad7 in mesenchymal stem cells (MSCs). <i>Genes and Diseases</i> , 2017, 4, 229-239. | 3.4 | 31 |
| 13 | Analysis of Baseball-to-Helmet Impacts in Major League Baseball. <i>American Journal of Sports Medicine</i> , 2012, 40, 2808-2814. | 4.2 | 25 |
| 14 | Efficacy of a Virtual Arthroscopic Simulator for Orthopaedic Surgery Residents by Year in Training. <i>Orthopaedic Journal of Sports Medicine</i> , 2018, 6, 232596711881017. | 1.7 | 25 |
| 15 | The Injury Rate in National Football League Players Increased Following Cancellation of Preseason Games Because of COVID-19. <i>Arthroscopy, Sports Medicine, and Rehabilitation</i> , 2021, 3, e1147-e1154. | 1.7 | 25 |
| 16 | Common Ice Hockey Injuries and Treatment: A Current Concepts Review. <i>Current Sports Medicine Reports</i> , 2017, 16, 357-362. | 1.2 | 24 |
| 17 | The Prodomain-Containing BMP9 Produced from a Stable Line Effectively Regulates the Differentiation of Mesenchymal Stem Cells. <i>International Journal of Medical Sciences</i> , 2016, 13, 8-18. | 2.5 | 22 |
| 18 | Neural EGF-like protein 1 (NELL-1): Signaling crosstalk in mesenchymal stem cells and applications in regenerative medicine. <i>Genes and Diseases</i> , 2017, 4, 127-137. | 3.4 | 22 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Orthopaedic Shoulder Surgery in the Ambulatory Surgical Center: Safety and Outcomes. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2019, 35, 2545-2550.e1. | 2.7 | 22 |
| 20 | Superior Capsule Reconstruction With Subacromial Allograft Spacer: Biomechanical Cadaveric Study of Subacromial Contact Pressure and Superior Humeral Head Translation. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2020, 36, 680-686. | 2.7 | 15 |
| 21 | Injury in the Women's National Basketball Association (WNBA) From 2015 to 2019. Arthroscopy, Sports Medicine, and Rehabilitation, 2020, 2, e213-e217. | 1.7 | 15 |
| 22 | Nonoperative Management of Hip Labral Tears Yields Similar Total Hip Arthroplasty Conversion Rate to Arthroscopic Treatment. Journal of Arthroplasty, 2020, 35, 23-27.e1. | 3.1 | 8 |
| 23 | A Safe Interval between Preoperative Intra-articular Corticosteroid Injections and Subsequent Knee Arthroscopy. Journal of Knee Surgery, 2022, 35, 047-053. | 1.6 | 7 |
| 24 | Playing Rule Article Eight Decreases the Rate of Sport Related Concussion in NFL Players Over Two Seasons. Physician and Sportsmedicine, 2021, 49, 342-347. | 2.1 | 6 |
| 25 | National trends, 90-day readmission and subsequent knee surgery following multi-ligament knee reconstruction. Journal of Orthopaedics, 2020, 21, 49-52. | 1.3 | 6 |
| 26 | Complication rates following hip arthroscopy in the ambulatory surgical center. Journal of Orthopaedics, 2020, 20, 28-31. | 1.3 | 5 |
| 27 | Rates of Subsequent Shoulder Surgery Within Three Years for Patients Undergoing SLAP Repair Versus Biceps Tenodesis. Arthroscopy, Sports Medicine, and Rehabilitation, 2020, 2, e129-e135. | 1.7 | 5 |
| 28 | Does the MLB's collision at home plate rule change prevent concussion injuries in catchers?. Physician and Sportsmedicine, 2020, 48, 354-357. | 2.1 | 5 |
| 29 | Diagnostic Value of MRI and Radiographs of the Knee to Identify Osteochondral Lesions in Acute Patellar Instability. Journal of Knee Surgery, 2022, 35, 1604-1609. | 1.6 | 5 |
| 30 | National Trends Show Declining Use of Arthroscopic Subacromial Decompression Without Rotator Cuff Repair. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2021, 37, 3397-3404. | 2.7 | 5 |
| 31 | Trends of Ulnar Collateral Ligament Reconstruction in the United States from 2003 to 2014: Analysis of 3,133 Patients. Arthroscopy, Sports Medicine, and Rehabilitation, 2020, 2, e705-e710. | 1.7 | 5 |
| 32 | Suture Tape Augmentation Has No Effect on Anterior Tibial Translation, Gap Formation, or Load to Failure of Anterior Cruciate Ligament Repair: A Biomechanical Pilot Study. Arthroscopy, Sports Medicine, and Rehabilitation, 2021, 3, e233-e239. | 1.7 | 4 |
| 33 | The targeting rule does not increase the rate of lower extremity injuries in NFL players over two seasons. Physician and Sportsmedicine, 2022, 50, 239-243. | 2.1 | 4 |
| 34 | Damage control: Harnessing prostaglandin E2 as a potential healing factor of tissue injuries. Genes and Diseases, 2015, 2, 295-298. | 3.4 | 3 |
| 35 | Rates of Revision Surgery and Total Costs for Patients Undergoing SLAP Repair vs. Biceps Tenodesis. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2017, 33, e12. | 2.7 | 3 |
| 36 | The effect of surgical setting on anterior cruciate ligament reconstruction outcomes. Physician and Sportsmedicine, 2019, 47, 411-415. | 2.1 | 3 |

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|----|--|-----|-----------|
| 37 | Suture Tapeâ€œReinforced Human Dermal Allograft Used for Superior Capsule Reconstruction Demonstrates Improved Ability to Withstand Elongation. Arthroscopy, Sports Medicine, and Rehabilitation, 2020, 2, e511-e515. | 1.7 | 3 |
| 38 | The Injury Rate in NBA Players Did Not Increase Following Return to Play After the COVID-19 Stay-at-Home Order. Journal of Sport Rehabilitation, 2022, 31, 785-791. | 1.0 | 3 |
| 39 | Protective Sport Bracing for Athletes With Mid-Season Shoulder Instability. Sports Health, 2022, , 194173812110690. | 2.7 | 2 |
| 40 | Concussions Increase the Odds of Lower-Extremity Injuries in National Football League Players: Four-Year Review of Publicly Available Data. Arthroscopy, Sports Medicine, and Rehabilitation, 2022, 4, e1489-e1495. | 1.7 | 2 |
| 41 | Editorial Commentary: â€œRotator-Metricsâ€œ Understanding Risk Factors for Rotator Cuff Repair Failure May Lead to Better Outcomes. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2018, 34, 2980-2982. | 2.7 | 1 |
| 42 | Response to Letter to the Editor on â€œNon-Operative Management of Hip Labral Tears Yields Similar THA Conversion Rate to Arthroscopic Treatmentâ€œ. Journal of Arthroplasty, 2020, 35, 906-907. | 3.1 | 1 |
| 43 | Is average club head speed a risk factor for lower back injuries in professional golfers? A retrospective case control study. Physician and Sportsmedicine, 2021, 49, 214-218. | 2.1 | 1 |
| 44 | Multiligamentous Knee Injuries: Current Concepts Review. Journal of Knee Surgery, 2023, 36, 236-245. | 1.6 | 1 |
| 45 | Utilization and costs of postoperative physical therapy after multiligament knee surgery: a retrospective cross-sectional study. Current Orthopaedic Practice, 2021, 32, 134-138. | 0.2 | 1 |
| 46 | NFL total quarter back rating (QBR) is not decreased following sport related concussion injury. Sport Sciences for Health, 2021, 17, 535-541. | 1.3 | 1 |
| 47 | Postoperative Anterior Cruciate Ligament Reconstruction Quadriceps and Patella Tendon Rupture, Infection, and Lysis of Adhesions Decreased Despite Changing Graft Trends Over the Past Decade. Arthroscopy, Sports Medicine, and Rehabilitation, 2022, 4, e1437-e1443. | 1.7 | 1 |
| 48 | The 2019 Arthroscopy Association of North America Traveling Fellowshipâ€œLos Gallos: New Friends on an Old Town Road. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2019, 35, 2761-2766. | 2.7 | 0 |
| 49 | Editorial Commentary: Black Mirror: Reviving the Art of the Physical Exam. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2019, 35, 1348-1350. | 2.7 | 0 |
| 50 | Editorial Commentary: Failure With Continuity: Redefining Healing With Meniscal Root Repair. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2019, 35, 3087-3089. | 2.7 | 0 |
| 51 | Self-Tensioning Feature of Knotless Suture Anchor Provides Reproducible Knotless Fixation Independent of Initial Tension. Orthopaedic Journal of Sports Medicine, 2021, 9, 232596712199159. | 1.7 | 0 |
| 52 | Author Reply to â€œRegarding â€œSuture Tape Augmentation Has No Effect on Anterior Tibial Translation, Gap Formation, or Load to Failure of Anterior Cruciate Ligament Repair: A Biomechanical Pilot Studyâ€œ. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2021, 37, 1374-1375. | 2.7 | 0 |
| 53 | THE MJM: AN OPPORTUNITY FOR INTERNATIONAL STUDENT COLLABORATION. McGill Journal of Medicine, 2003, 7, 1-2. | 0.1 | 0 |