

# Darryl B Sneag

## List of Publications by Year in descending order

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Version: 2024-02-01

60  
papers

990  
citations

471371

17  
h-index

501076

28  
g-index

64  
all docs

64  
docs citations

64  
times ranked

851  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Diffusion MRI fiber diameter for muscle denervation assessment. Quantitative Imaging in Medicine and Surgery, 2022, 12, 80-94.   | 1.1 | 10        |
| 2  | Localization of Brachial Plexopathies Using a Novel Diagnostic Program. HSS Journal, 2022, 18, 155633162110013.  | 0.7 | 0         |
| 3  | Long-Segment Nonfocal Peripheral Neuropathies After COVID-19 Infection: A Case Report of Magnetic Resonance Neurography Findings. HSS Journal, 2022, 18, 155633162110092.                            | 0.7 | 1         |
| 4  | Parsonage-Turner Syndrome Following COVID-19 Vaccination: MR Neurography. Radiology, 2022, 302, 84-87.   | 3.6 | 40        |
| 5  | Improvement of peripheral nerve visualization using a deep learning-based MR reconstruction algorithm. Magnetic Resonance Imaging, 2022, 85, 186-192.  | 1.0 | 27        |
| 6  | Quantitative MRI Differentiates Electromyography Severity Grades of Denervated Muscle in Neuropathy of the Brachial Plexus. Journal of Magnetic Resonance Imaging, 2022, 56, 1104-1115.              | 1.9 | 11        |
| 7  | Neuropathy Score Reporting and Data System: A Reporting Guideline for MRI of Peripheral Neuropathy With a Multicenter Validation Study. American Journal of Roentgenology, 2022, 219, 279-291.       | 1.0 | 10        |
| 8  | Evaluation of deep learning reconstructed high-resolution 3D lumbar spine MRI. European Radiology, 2022, 32, 6167-6177.  | 2.3 | 26        |
| 9  | Team Approach: Management of Brachial Plexus Injuries. JBJS Reviews, 2022, 10, .   | 0.8 | 2         |
| 10 | Neuropathy Score Reporting and Data System (NS-RADS): MRI Reporting Guideline of Peripheral Neuropathy Explained and Reviewed. Skeletal Radiology, 2022, 51, 1909-1922.                              | 1.2 | 9         |
| 11 | Parsonage-Turner Syndrome: Fascicular Involvement and Focal Constriction. Journal of Clinical Neuromuscular Disease, 2022, 23, 227-228.  | 0.3 | 1         |
| 12 | Role of high-resolution peripheral nerve magnetic resonance imaging in diagnosing median nerve tethering in a case of both-bone forearm fracture in a child. Pediatric Radiology, 2021, 51, 148-151. | 1.1 | 4         |
| 13 | MRI of the ulnar nerve pre- and post-transposition: imaging features and rater agreement. Skeletal Radiology, 2021, 50, 559-570.   | 1.2 | 7         |
| 14 | Outcomes of Microneurolysis of Hourglass Constrictions in Chronic Neuralgic Amyotrophy. Journal of Hand Surgery, 2021, 46, 43-53.  | 0.7 | 22        |
| 15 | Quantitative T <sub>2</sub> -mapping magnetic resonance imaging for assessment of muscle motor unit recruitment patterns. Muscle and Nerve, 2021, 63, 703-709.                                       | 1.0 | 8         |
| 16 | Surgical Treatment of Iatrogenic Nerve Injury Following Arthroscopic Capsulolabral Repair. Journal of Hand Surgery, 2021, 46, 1121.e1-1121.e11.  | 0.7 | 1         |
| 17 | Ferumoxitol-enhanced vascular suppression in magnetic resonance neurography. Skeletal Radiology, 2021, 50, 2255-2266.  | 1.2 | 8         |
| 18 | Intravenous contrast does not improve detection of nerve lesions or active muscle denervation changes in MR neurography of the common peroneal nerve. Skeletal Radiology, 2021, 50, 2483-2494.       | 1.2 | 3         |

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|----|---|-----|-----------|
| 19 | Improved nerve conspicuity with water-weighting and denoising in two-point Dixon magnetic resonance neurography. <i>Magnetic Resonance Imaging</i> , 2021, 79, 103-111.   | 1.0 | 4         |
| 20 | 3D MRI of the Spine. <i>Seminars in Musculoskeletal Radiology</i> , 2021, 25, 433-440.  | 0.4 | 7         |
| 21 | MR Neurography of Peripheral Nerve Injury in the Presence of Orthopedic Hardware: Technical Considerations. <i>Radiology</i> , 2021, 300, 246-259.  | 3.6 | 19        |
| 22 | Stretchable self-tuning MRI receive coils based on liquid metal technology (LiquiTune). <i>Scientific Reports</i> , 2021, 11, 16228.  | 1.6 | 14        |
| 23 | MR Neurography of Bilateral Parsonage-Turner Syndrome. <i>Radiology</i> , 2021, 300, 515-515.   | 3.6 | 1         |
| 24 | Denoising of diffusion MRI improves peripheral nerve conspicuity and reproducibility. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 51, 1128-1137.   | 1.9 | 9         |
| 25 | Fascicular constrictions above elbow typify anterior interosseous nerve syndrome. <i>Muscle and Nerve</i> , 2020, 61, 301-310.  | 1.0 | 31        |
| 26 | Post-Contrast 3D Inversion Recovery Magnetic Resonance Neurography for Evaluation of Branch Nerves of the Brachial Plexus. <i>European Journal of Radiology</i> , 2020, 132, 109304.  | 1.2 | 23        |
| 27 | Can Quantitative MRI Be Used to Differentiate Physiologic Changes Behind Muscle Weakness in Type 2 Diabetes Mellitus?. <i>Radiology</i> , 2020, 297, 620-621.   | 3.6 | 2         |
| 28 | Anterior Interosseous Nerve Syndrome Reconsidered. <i>JBJS Reviews</i> , 2020, 8, e20.00011.  | 0.8 | 19        |
| 29 | Imaging and treatment of phrenic nerve hourglass-like constrictions in neuralgic amyotrophy. <i>Muscle and Nerve</i> , 2020, 62, E81-E82.   | 1.0 | 10        |
| 30 | Development of Parsonage-Turner Syndrome After Heat Stroke in Firefighters. <i>JBJS Case Connector</i> , 2020, 10, e19.00462-e19.00462.   | 0.1 | 3         |
| 31 | Identification of long thoracic nerve on high-resolution 3T MRI. <i>Clinical Imaging</i> , 2020, 64, 97-102.  | 0.8 | 5         |
| 32 | Ultrasound imaging of nerves in the neck. <i>Neurology: Clinical Practice</i> , 2020, 10, 415-421.  | 0.8 | 7         |
| 33 | Etiology of Lumbosacral Radiculoplexopathy: Sacral Insufficiency Fracture on Magnetic Resonance Imaging. <i>HSS Journal</i> , 2020, 16, 126-129.  | 0.7 | 2         |
| 34 | Editorial for "Quantitative MRI Reveals Microstructural Changes in the Upper Leg Muscles After Running a Marathon" <i>Journal of Magnetic Resonance Imaging</i> , 2020, 52, 418-419.  | 1.9 | 0         |
| 35 | Technological Advancements in Magnetic Resonance Neurography. <i>Current Neurology and Neuroscience Reports</i> , 2019, 19, 75.   | 2.0 | 31        |
| 36 | Imaging of the post-operative medial elbow in the overhead thrower: common and abnormal findings after ulnar collateral ligament reconstruction and ulnar nerve transposition. <i>Skeletal Radiology</i> , 2019, 48, 1843-1860. | 1.2 | 7         |

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|----|--|-----|-----------|
| 37 | Can Early Failure of Cartilage Implants Be Detected with Ferumoxytol Labeling?. <i>Radiology</i> , 2019, 292, 138-139.   | 3.6 | 2         |
| 38 | Prospective respiratory triggering improves high-resolution brachial plexus MRI quality. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, 1723-1729.   | 1.9 | 13        |
| 39 | Pseudoaneurysm after total knee arthroplasty: imaging findings in 7 patients. <i>Skeletal Radiology</i> , 2019, 48, 699-706.   | 1.2 | 4         |
| 40 | Brachial plexitis or neuritis? MRI features of lesion distribution in Parsonage-Turner syndrome. <i>Muscle and Nerve</i> , 2018, 58, 359-366.  | 1.0 | 67        |
| 41 | Peripheral nerve diffusion tensor imaging: Overview, pitfalls, and future directions. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 47, 1171-1189.  | 1.9 | 76        |
| 42 | Success of scaphoid nonunion surgery is independent of proximal pole vascularity. <i>Journal of Hand Surgery: European Volume</i> , 2018, 43, 32-40.   | 0.5 | 58        |
| 43 | Radial styloidectomy for scaphoid nonunion advanced collapse - relevance of nonunion location. <i>Journal of Hand Surgery: European Volume</i> , 2018, 43, 80-83.  | 0.5 | 12        |
| 44 | Diagnostic Accuracy of Zero-Echo Time MRI for the Evaluation of Cervical Neural Foraminal Stenosis. <i>Spine</i> , 2018, 43, 928-933.  | 1.0 | 54        |
| 45 | Evaluation of two collagen conduits and autograft in rabbit sciatic nerve regeneration with quantitative magnetic resonance DTI, electrophysiology, and histology. <i>European Radiology Experimental</i> , 2018, 2, 19. | 1.7 | 9         |
| 46 | Ideal Starting Point and Trajectory of a Screw for the Dorsal Approach to Scaphoid Fractures. <i>Journal of Hand Surgery</i> , 2018, 43, 993-999.  | 0.7 | 10        |
| 47 | Updates in Musculoskeletal Imaging. <i>Sports Health</i> , 2018, 10, 296-302.  | 1.3 | 6         |
| 48 | Nerve Transfers for Enterovirus D68-Associated Acute Flaccid Myelitis: A Case Series. <i>Pediatric Neurology</i> , 2018, 88, 25-30.  | 1.0 | 36        |
| 49 | MRI of Foot Drop: How We Do It. <i>Radiology</i> , 2018, 289, 9-24.  | 3.6 | 15        |
| 50 | Rhabdomyolysis resulting in concurrent Horner's syndrome and brachial plexopathy: a case report. <i>Skeletal Radiology</i> , 2017, 46, 1131-1136.  | 1.2 | 1         |
| 51 | Magnetic resonance imaging patterns of mononeuropathic denervation in muscles with dual innervation. <i>Skeletal Radiology</i> , 2017, 46, 1657-1665.  | 1.2 | 3         |
| 52 | Advanced MRI Techniques for Muscle Imaging. <i>Seminars in Musculoskeletal Radiology</i> , 2017, 21, 459-469.  | 0.4 | 25        |
| 53 | Fronlike Synovitis on MRI and Correlation With Polyethylene Surface Damage of Total Knee Arthroplasty. <i>American Journal of Roentgenology</i> , 2017, 209, W231-W237.  | 1.0 | 14        |
| 54 | Pins and Needles From Fingers to Toes: High-Resolution MRI of Peripheral Sensory Mononeuropathies. <i>American Journal of Roentgenology</i> , 2017, 208, W1-W10.   | 1.0 | 16        |

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|----|--|-----|-----------|
| 55 | MRI bullseye sign: An indicator of peripheral nerve constriction in parsonageâ€turner syndrome. <i>Muscle and Nerve</i> , 2017, 56, 99-106.                      | 1.0 | 64        |
| 56 | Total Knee Arthroplasty: Diagnostic Accuracy of Patterns of Synovitis at MR Imaging. <i>Radiology</i> , 2016, 281, 499-506.                                      | 3.6 | 48        |
| 57 | MRI of Polyethylene Tibial Inserts in Total Knee Arthroplasty: Normal and Abnormal Appearances. <i>American Journal of Roentgenology</i> , 2016, 206, 1264-1271. | 1.0 | 11        |
| 58 | Quantitative Ultrashort Echo Time Magnetic Resonance Imaging Evaluation of Postoperative Menisci: a Pilot Study. <i>HSS Journal</i> , 2015, 11, 123-129.         | 0.7 | 24        |
| 59 | Magnetic Resonance Imaging Evaluation of the Painful Total Knee Arthroplasty. <i>Seminars in Musculoskeletal Radiology</i> , 2015, 19, 040-048.                  | 0.4 | 22        |
| 60 | Magnetic Resonance Imaging of Shoulder Arthroplasty. <i>HSS Journal</i> , 2014, 10, 213-224.   | 0.7 | 16        |