

John D Port

List of Publications by Year in descending order

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Version: 2024-02-01

99
papers

3,400
citations

147801

31
h-index

155660

55
g-index

100
all docs

100
docs citations

100
times ranked

4692
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | A meta-analysis of functional neuroimaging in obsessive-compulsive disorder. <i>Psychiatry Research - Neuroimaging</i> , 2004, 132, 69-79. | 1.8 | 405 |
| 2 | Reversible intracerebral pathologic entities mediated by vascular autoregulatory dysfunction.. <i>Radiographics</i> , 1998, 18, 353-367. | 3.3 | 156 |
| 3 | Incidental Findings in Imaging Research. <i>Archives of Internal Medicine</i> , 2010, 170, 1525-32. | 3.8 | 146 |
| 4 | Imaging features of copper deficiency myelopathy: a study of 25 cases. <i>Neuroradiology</i> , 2006, 48, 78-83. | 2.2 | 126 |
| 5 | A magnetic resonance spectroscopy investigation of obsessive-compulsive disorder and anxiety. <i>Psychiatry Research - Neuroimaging</i> , 2006, 146, 137-147. | 1.8 | 120 |
| 6 | Dipole Source Analysis of Laser-Evoked Subdural Potentials Recorded From Parasylvian Cortex in Humans. <i>Journal of Neurophysiology</i> , 2003, 89, 3051-3060. | 1.8 | 107 |
| 7 | Quantification and Minimization of Magnetic Susceptibility Artifacts on GRE Images. <i>Journal of Computer Assisted Tomography</i> , 2000, 24, 958-964. | 0.9 | 99 |
| 8 | Transverse Sinus Stenosis Is the Most Sensitive MR Imaging Correlate of Idiopathic Intracranial Hypertension. <i>American Journal of Neuroradiology</i> , 2017, 38, 471-477. | 2.4 | 92 |
| 9 | Update on the Use of MR for Assessment and Diagnosis of Psychiatric Diseases. <i>Radiology</i> , 2010, 255, 23-41. | 7.3 | 86 |
| 10 | Metabolic alterations in medication-free patients with bipolar disorder: A 3T CSF-corrected magnetic resonance spectroscopic imaging study. <i>Psychiatry Research - Neuroimaging</i> , 2008, 162, 113-121. | 1.8 | 84 |
| 11 | Recent advances in clinical practice challenges and opportunities in the management of obesity. <i>Gut</i> , 2014, 63, 687-695. | 12.1 | 82 |
| 12 | Decompressive Craniectomy For Intractable Cerebral Edema: Experience Of a Single Center. <i>Journal of Neurosurgical Anesthesiology</i> , 2003, 15, 25-32. | 1.2 | 80 |
| 13 | Reversible leukoencephalopathy associated with re-infusion of DMSO preserved stem cells. <i>Bone Marrow Transplantation</i> , 2000, 26, 797-800. | 2.4 | 79 |
| 14 | Single neurons with both form/color differential responses and saccade-related responses in the nonretinotopic pulvinar of the behaving macaque monkey. <i>Visual Neuroscience</i> , 1995, 12, 523-544. | 1.0 | 78 |
| 15 | Measurement of human skeletal muscle oxidative capacity by ³¹ P-MR spectroscopy: A cross-validation with in vitro measurements. <i>Journal of Magnetic Resonance Imaging</i> , 2011, 34, 1143-1150. | 3.4 | 78 |
| 16 | Intragastric Balloon Placement Induces Significant Metabolic and Histologic Improvement in Patients With Nonalcoholic Steatohepatitis. <i>Clinical Gastroenterology and Hepatology</i> , 2021, 19, 146-154.e4. | 4.4 | 75 |
| 17 | The effects of dark-rearing on the electrophysiology of the rat visual cortex. <i>Brain Research</i> , 1992, 572, 198-207. | 2.2 | 68 |
| 18 | Astroblastoma: radiologic-pathologic correlation and distinction from ependymoma. <i>American Journal of Neuroradiology</i> , 2002, 23, 243-7. | 2.4 | 67 |

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|----|---|-----|-----------|
| 19 | Randomized Controlled Trial of a MUFA or Fiber-Rich Diet on Hepatic Fat in Prediabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 1765-1774. | 3.6 | 61 |
| 20 | High-frequency repetitive TMS for suicidal ideation in adolescents with depression. <i>Journal of Affective Disorders</i> , 2018, 239, 282-290. | 4.1 | 58 |
| 21 | Effects of Dietary n-3 Fatty Acids on Hepatic and Peripheral Insulin Sensitivity in Insulin-Resistant Humans. <i>Diabetes Care</i> , 2015, 38, 1228-1237. | 8.6 | 55 |
| 22 | Predictors of Whole-Body Insulin Sensitivity Across Ages and Adiposity in Adult Humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 626-634. | 3.6 | 55 |
| 23 | Transcranial magnetic stimulation potentiates glutamatergic neurotransmission in depressed adolescents. <i>Psychiatry Research - Neuroimaging</i> , 2016, 247, 25-33. | 1.8 | 52 |
| 24 | Glutamate normalization in bipolar depression after lamotrigine treatment. <i>Bipolar Disorders</i> , 2015, 17, 450-457. | 1.9 | 49 |
| 25 | Proton Magnetic Resonance Spectroscopy as a Probe into the Pathophysiology of Autism Spectrum Disorders (ASD): A Review. <i>Autism Research</i> , 2013, 6, 119-133. | 3.8 | 46 |
| 26 | Imaging the brachial plexus. <i>Hand Clinics</i> , 2005, 21, 25-37. | 1.0 | 45 |
| 27 | Autism Spectrum Disorder: Incidence and Time Trends Over Two Decades in a Population-Based Birth Cohort. <i>Journal of Autism and Developmental Disorders</i> , 2019, 49, 1455-1474. | 2.7 | 45 |
| 28 | Lymphoepithelial cyst (IEC) of the pancreas: Cytomorphology and differential diagnosis on fine-needle aspiration (FNA). <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999, 20, 371-374. | | 43 |
| 29 | Use of Superparamagnetic Iron Oxide Nanoparticles (SPIONs) via Multiple Imaging Modalities and Modifications to Reduce Cytotoxicity: An Educational Review. <i>Journal of Nanotheranostics</i> , 2020, 1, 105-135. | 3.1 | 41 |
| 30 | Magnetic Resonance Imaging-Guided, Open-Label, High-Frequency Repetitive Transcranial Magnetic Stimulation for Adolescents with Major Depressive Disorder. <i>Journal of Child and Adolescent Psychopharmacology</i> , 2016, 26, 582-589. | 1.3 | 40 |
| 31 | Different generators in human temporal-parasylvian cortex account for subdural laser-evoked potentials, auditory-evoked potentials, and event-related potentials. <i>Neuroscience Letters</i> , 2000, 279, 153-156. | 2.1 | 37 |
| 32 | Altered anterior cingulate glutamatergic metabolism in depressed adolescents with current suicidal ideation. <i>Translational Psychiatry</i> , 2020, 10, 119. | 4.8 | 33 |
| 33 | Diagnosis of Attention Deficit Hyperactivity Disorder by Using MR Imaging and Radiomics: A Potential Tool for Clinicians. <i>Radiology</i> , 2018, 287, 631-632. | 7.3 | 32 |
| 34 | The case of the missing glutamine. <i>NMR in Biomedicine</i> , 2011, 24, 529-535. | 2.8 | 31 |
| 35 | Intraabdominal desmoplastic small round cell tumor: Cytopathologic findings in two cases. <i>Diagnostic Cytopathology</i> , 1998, 18, 449-452. | 1.0 | 28 |
| 36 | Evidence for Pretreatment LICI Deficits Among Depressed Children and Adolescents With Nonresponse to Fluoxetine. <i>Brain Stimulation</i> , 2014, 7, 243-251. | 1.6 | 28 |

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|----|---|-----|-----------|
| 37 | Progressive multifocal leukoencephalopathy demonstrating contrast enhancement on MRI and uptake of thallium-201: a case report. <i>Neuroradiology</i> , 1999, 41, 895-898. | 2.2 | 27 |
| 38 | Acamprosate reduces ethanol drinking behaviors and alters the metabolite profile in mice lacking ENT1. <i>Neuroscience Letters</i> , 2011, 490, 90-95. | 2.1 | 26 |
| 39 | Very-long-chain ω -3 fatty acid supplements and adipose tissue functions: a randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2017, 105, 1552-1558. | 4.7 | 26 |
| 40 | A Deep Learning-Based Approach to Reduce Rescan and Recall Rates in Clinical MRI Examinations. <i>American Journal of Neuroradiology</i> , 2019, 40, 217-223. | 2.4 | 25 |
| 41 | Anterior Cingulate Glutamate Is Reduced by Acamprosate Treatment in Patients With Alcohol Dependence. <i>Journal of Clinical Psychopharmacology</i> , 2016, 36, 669-674. | 1.4 | 24 |
| 42 | MR spectroscopy in schizophrenia. <i>Journal of Magnetic Resonance Imaging</i> , 2011, 34, 1251-1261. | 3.4 | 23 |
| 43 | The effect of behavior therapy on caudate N-acetyl-L-aspartic acid in adults with obsessive-compulsive disorder. <i>Psychiatry Research - Neuroimaging</i> , 2012, 201, 10-16. | 1.8 | 23 |
| 44 | Decreased caudate N-acetyl-L-aspartic acid in pediatric obsessive-compulsive disorder and the effects of behavior therapy. <i>Psychiatry Research - Neuroimaging</i> , 2012, 202, 53-59. | 1.8 | 23 |
| 45 | Cortical inhibitory markers of lifetime suicidal behavior in depressed adolescents. <i>Neuropsychopharmacology</i> , 2018, 43, 1822-1831. | 5.4 | 23 |
| 46 | Unusual malignant glioneuronal tumors of the cerebrum of adults: a clinicopathologic study of three cases. <i>Acta Neuropathologica</i> , 2006, 112, 727-737. | 7.7 | 21 |
| 47 | Reversible Posterior Leukoencephalopathy in an HIV-infected Patient with Thrombotic Thrombocytopenic Purpura. <i>Scandinavian Journal of Infectious Diseases</i> , 2002, 34, 706-709. | 1.5 | 20 |
| 48 | Elevated Glutamate Levels in the Left Dorsolateral Prefrontal Cortex Are Associated with Higher Cravings for Alcohol. <i>Alcoholism: Clinical and Experimental Research</i> , 2016, 40, 1609-1616. | 2.4 | 20 |
| 49 | Genetic variant in SLC1A2 is associated with elevated anterior cingulate cortex glutamate and lifetime history of rapid cycling. <i>Translational Psychiatry</i> , 2019, 9, 149. | 4.8 | 19 |
| 50 | Clinical 7-T MRI for neuroradiology: strengths, weaknesses, and ongoing challenges. <i>Neuroradiology</i> , 2021, 63, 167-177. | 2.2 | 18 |
| 51 | Integrative Hedonic and Homeostatic Food Intake Regulation by the Central Nervous System: Insights from Neuroimaging. <i>Brain Sciences</i> , 2022, 12, 431. | 2.3 | 17 |
| 52 | Spinal subdural hematoma: a rare case of spinal subdural hematoma complicating routine, minimally invasive lumbar discectomy and decompression and relevant literature review. <i>Journal of Spine Surgery</i> , 2017, 3, 112-118. | 1.2 | 16 |
| 53 | Inhibition of 11 β -Hydroxysteroid dehydrogenase-1 with AZD4017 in patients with nonalcoholic steatohepatitis or nonalcoholic fatty liver disease: A randomized, double-blind, placebo-controlled, phase II study. <i>Diabetes, Obesity and Metabolism</i> , 2022, 24, 881-890. | 4.4 | 16 |
| 54 | Ganglioglioma of the right optic tract: Case report and review of the literature. <i>Magnetic Resonance Imaging</i> , 2004, 22, 1047-1051. | 1.8 | 15 |

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|----|---|-----|-----------|
| 55 | Dark Rims: Novel Sequence Enhances Diagnostic Specificity in Multiple Sclerosis. American Journal of Neuroradiology, 2018, 39, 1052-1058. | 2.4 | 14 |
| 56 | The Long and Winding Road: Thoracic Myelopathy Associated With Occipitocervical Dural Arteriovenous Fistula. World Neurosurgery, 2017, 108, 998.e7-998.e16. | 1.3 | 13 |
| 57 | Skeletal muscle mitochondrial dysfunction and muscle and whole body functional deficits in cancer patients with weight loss. Journal of Applied Physiology, 2022, 132, 388-401. | 2.5 | 13 |
| 58 | An Exploratory Study of Spectroscopic Glutamatergic Correlates of Cortical Excitability in Depressed Adolescents. Frontiers in Neural Circuits, 2016, 10, 98. | 2.8 | 11 |
| 59 | Increased Curvature of the Tentorium Cerebelli in Idiopathic Intracranial Hypertension. American Journal of Neuroradiology, 2017, 38, 1789-1793. | 2.4 | 11 |
| 60 | Efficacy and Safety of Endoscopic Balloon Placement for Weight Loss in Patients With Cirrhosis Awaiting Liver Transplantation. Liver Transplantation, 2021, 27, 1239-1247. | 2.4 | 11 |
| 61 | Neurogenesis: Proposal for a connectionistic neurobiology. Medical Hypotheses, 1995, 45, 147-163. | 1.5 | 10 |
| 62 | A preliminary study of the association of increased anterior cingulate gamma-aminobutyric acid with remission of depression after ketamine administration. Psychiatry Research, 2021, 301, 113953. | 3.3 | 9 |
| 63 | Identification of a pyruvate-to-lactate signature in pancreatic intraductal papillary mucinous neoplasms. Pancreatology, 2018, 18, 46-53. | 1.1 | 9 |
| 64 | Long-term clinical, MRI, and cognitive follow-up in a large cohort of pathologically confirmed, predominantly tumefactive multiple sclerosis. Multiple Sclerosis Journal, 2022, 28, 441-452. | 3.0 | 8 |
| 65 | Advanced Magnetic Resonance Imaging Techniques for Patients With Hemifacial Spasm. Ophthalmic Plastic and Reconstructive Surgery, 2002, 18, 72-74. | 0.8 | 7 |
| 66 | Magnetic Resonance Spectroscopy for Psychiatry. Neuroimaging Clinics of North America, 2020, 30, 25-33. | 1.0 | 7 |
| 67 | Deep neural network to locate and segment brain tumors outperformed the expert technicians who created the training data. Journal of Medical Imaging, 2020, 7, 055501. | 1.5 | 7 |
| 68 | MRS is the Test of Choice for Detecting and Monitoring Disorders of Creatine Metabolism. Pediatric Neurology, 2009, 40, 408-410. | 2.1 | 6 |
| 69 | MR spectroscopy differences between lipomatosis of nerve and neuromuscular choristoma: a potential adjunctive diagnostic tool. Skeletal Radiology, 2020, 49, 2051-2057. | 2.0 | 6 |
| 70 | Racemic ketamine treatment attenuates anterior cingulate cortex GABA deficits among remitters in treatment-resistant depression: A pilot study. Psychiatry Research - Neuroimaging, 2022, 320, 111432. | 1.8 | 6 |
| 71 | Neurostructural Differences in Adolescents With Treatment-Resistant Depression and Treatment Effects of Transcranial Magnetic Stimulation. International Journal of Neuropsychopharmacology, 2022, 25, 619-630. | 2.1 | 6 |
| 72 | Brain functions and cognition on transient insulin deprivation in type 1 diabetes. JCI Insight, 2021, 6, . | 5.0 | 5 |

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|----|---|-----|-----------|
| 73 | Metabolomic signatures of intravenous racemic ketamine associated remission in treatment-resistant depression: A pilot hypothesis generating study. <i>Psychiatry Research</i> , 2022, 314, 114655. | 3.3 | 5 |
| 74 | A theory of cooperativity modulation in neural networks as an important parameter of CNS catecholamine function and induction of psychopathology. <i>Neurological Research</i> , 1994, 16, 330-341. | 1.3 | 4 |
| 75 | Acquired Cerebral Hemiatrophy: Idiopathic?. <i>Journal of Neuroimaging</i> , 2004, 14, 187-191. | 2.0 | 4 |
| 76 | Short TE ⁷ Li-MRS confirms Bi-exponential lithium T2 relaxation in humans and clearly delineates two patient subtypes. <i>Journal of Magnetic Resonance Imaging</i> , 2013, 37, 1451-1459. | 3.4 | 4 |
| 77 | In vivo detection of connectivity between cortical and white matter lesions in early MS. <i>Multiple Sclerosis Journal</i> , 2017, 23, 973-981. | 3.0 | 4 |
| 78 | Why We DESIRE to Directly Image Brain Myelin Using MRI. <i>Radiology</i> , 2020, 294, 375-376. | 7.3 | 3 |
| 79 | Glutamatergic Correlates of Bipolar Symptoms in Adolescents. <i>Journal of Child and Adolescent Psychopharmacology</i> , 2020, 30, 599-605. | 1.3 | 3 |
| 80 | Pathologic Correlation of Posterior Ligamentous Injury With MRI. <i>Orthopedics</i> , 2010, 33, 53. | 1.1 | 3 |
| 81 | Selective maximization of 31P MR spectroscopic signals of in vivo human brain metabolites at 3T. <i>Journal of Magnetic Resonance Imaging</i> , 2007, 25, 628-634. | 3.4 | 2 |
| 82 | How to Set Up a Departmental Comparative Effectiveness Research Unit: One Department's Experience. <i>American Journal of Roentgenology</i> , 2014, 202, 561-565. | 2.2 | 2 |
| 83 | A pilot study of GABAB correlates with resting-state functional connectivity in five depressed female adolescents. <i>Psychiatry Research - Neuroimaging</i> , 2018, 279, 60-63. | 1.8 | 2 |
| 84 | 795 IMPACT OF SINGLE FLUID-FILLED INTRAGASTRIC BALLOON ON METABOLIC PARAMETERS AND NONALCOHOLIC STEATOHEPATITIS: A PROSPECTIVE PAIRED ENDOSCOPIC ULTRASOUND GUIDED CORE LIVER BIOPSY AT THE TIME OF BALLOON PLACEMENT AND REMOVAL. <i>Gastrointestinal Endoscopy</i> , 2018, 87, AB118-AB119. | 1.0 | 2 |
| 85 | On the STAIR-Way to Imaging Myelin with Clinical MRI. <i>Radiology</i> , 2020, 297, 405-406. | 7.3 | 2 |
| 86 | Scintigraphy of Ileal Hemorrhage From Metastasis of Renal Cell Carcinoma. <i>Clinical Nuclear Medicine</i> , 1998, 23, 464-465. | 1.3 | 2 |
| 87 | Optic Nerve Choristoma Mimicking a Neurenteric Cyst. <i>American Journal of Neuroradiology</i> , 2021, 42, 228-232. | 2.4 | 2 |
| 88 | Magnetic resonance spectroscopic studies of pediatric mood disorders: a selective review. <i>Current Opinion in Pediatrics</i> , 2005, 17, 619-625. | 2.0 | 1 |
| 89 | Magnetic resonance spectroscopy in psychiatry. , 0, , 566-592. | | 1 |
| 90 | Advances in neurodegenerative and psychiatric imaging: introductory editorial. <i>British Journal of Radiology</i> , 2019, 92, 20199003. | 2.2 | 1 |

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|----|---|-----|-----------|
| 91 | Resonate: Reflections and recommendations on implicit biases within the ISMRM. Journal of Magnetic Resonance Imaging, 2019, 49, 1509-1511. | 3.4 | 1 |
| 92 | Lymphoepithelial cyst (IEC) of the pancreas: Cytomorphology and differential diagnosis on fineâ€needle aspiration (FNA). Diagnostic Cytopathology, 1999, 20, 371-374. | 1.0 | 1 |
| 93 | A pilot spectroscopy study of adversity in adolescents. Biomarkers in Neuropsychiatry, 2021, 5, 100043. | 1.0 | 1 |
| 94 | Superior Imaging Qualities of Tc-99m MAG-3 in Captopril Renal Scintigraphy Contributing to the Detection of Branch Artery Stenosis. Clinical Nuclear Medicine, 1996, 21, 393-394. | 1.3 | 1 |
| 95 | Association of Accuracy, Conclusions, and Reporting Completeness With Acceptance by Radiology Conferences and Journals. Journal of Magnetic Resonance Imaging, 2022, , . | 3.4 | 1 |
| 96 | Evaluation of Posttreatment Follow-Up of Patients With Prostate Cancer Relative to the American College of Radiology's Appropriateness Criteria. American Journal of Roentgenology, 2015, 205, 1008-1015. | 2.2 | 0 |
| 97 | Structural Anatomy. , 2018, , 3-33. | | 0 |
| 98 | Structural Anatomy. , 2018, , 113-127. | | 0 |
| 99 | Better Together: How Machine Learning Can Help Clinicians Determine If My Father Will Develop Parkinson Disease Dementia. Radiology, 2021, 300, 400-401. | 7.3 | 0 |