

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	Long-term clinical, MRI, and cognitive follow-up in a large cohort of pathologically confirmed, predominantly tumefactive multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2022, 28, 441-452.	3.0	8
2	Racemic ketamine treatment attenuates anterior cingulate cortex GABA deficits among remitters in treatment-resistant depression: A pilot study. <i>Psychiatry Research - Neuroimaging</i> , 2022, 320, 111432.	1.8	6
3	Association of Accuracy, Conclusions, and Reporting Completeness With Acceptance by Radiology Conferences and Journals. <i>Journal of Magnetic Resonance Imaging</i> , 2022, , .	3.4	1
4	Inhibition of 11 β -Hydroxysteroid dehydrogenase α 1 with <sc>AZD4017</sc> in patients with nonalcoholic steatohepatitis or nonalcoholic fatty liver disease: A randomized, double-blind, placebo-controlled, phase <sc>II</sc> study. <i>Diabetes, Obesity and Metabolism</i> , 2022, 24, 881-890.	4.4	16
5	Neurostructural Differences in Adolescents With Treatment-Resistant Depression and Treatment Effects of Transcranial Magnetic Stimulation. <i>International Journal of Neuropsychopharmacology</i> , 2022, 25, 619-630.	2.1	6
6	Skeletal muscle mitochondrial dysfunction and muscle and whole body functional deficits in cancer patients with weight loss. <i>Journal of Applied Physiology</i> , 2022, 132, 388-401.	2.5	13
7	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
8	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
9	Intra-gastric 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
10	Clinical 7-T MRI for neuroradiology: strengths, weaknesses, and ongoing challenges. <i>Neuroradiology</i> , 2021, 63, 167-177.	2.2	18
11	Brain functions and cognition on transient insulin deprivation in type 1 diabetes. <i>JCI Insight</i> , 2021, 6, .	5.0	5
12	Efficacy and Safety of Endoscopic Balloon Placement for Weight Loss in Patients With Cirrhosis Awaiting Liver Transplantation. <i>Liver Transplantation</i> , 2021, 27, 1239-1247.	2.4	11
13	A preliminary study of the association of increased anterior cingulate gamma-aminobutyric acid with remission of depression after ketamine administration. <i>Psychiatry Research</i> , 2021, 301, 113953.	3.3	9
14	Better Together: How Machine Learning Can Help Clinicians Determine If My Father Will Develop Parkinson Disease Dementia. <i>Radiology</i> , 2021, 300, 400-401.	7.3	0
15	A pilot spectroscopy study of adversity in adolescents. <i>Biomarkers in Neuropsychiatry</i> , 2021, 5, 100043.	1.0	1
16	Optic Nerve Choristoma Mimicking a Neurenteric Cyst. <i>American Journal of Neuroradiology</i> , 2021, 42, 228-232.	2.4	2
17	Why We DESIRE to Directly Image Brain Myelin Using MRI. <i>Radiology</i> , 2020, 294, 375-376.	7.3	3
18	Magnetic Resonance Spectroscopy for Psychiatry. <i>Neuroimaging Clinics of North America</i> , 2020, 30, 25-33.	1.0	7

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19	On the STAIR-Way to Imaging Myelin with Clinical MRI. <i>Radiology</i> , 2020, 297, 405-406.	7.3	2
20	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
21	Glutamatergic Correlates of Bipolar Symptoms in Adolescents. <i>Journal of Child and Adolescent Psychopharmacology</i> , 2020, 30, 599-605.	1.3	3
22	MR spectroscopy differences between lipomatosis of nerve and neuromuscular choristoma: a potential adjunctive diagnostic tool. <i>Skeletal Radiology</i> , 2020, 49, 2051-2057.	2.0	6
23	Altered anterior cingulate glutamatergic metabolism in depressed adolescents with current suicidal ideation. <i>Translational Psychiatry</i> , 2020, 10, 119.	4.8	33
24	Deep neural network to locate and segment brain tumors outperformed the expert technicians who created the training data. <i>Journal of Medical Imaging</i> , 2020, 7, 055501.	1.5	7
25	Advances in neurodegenerative and psychiatric imaging: introductory editorial. <i>British Journal of Radiology</i> , 2019, 92, 20199003.	2.2	1
26	Resonate: Reflections and recommendations on implicit biases within the ISMRM. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, 1509-1511.	3.4	1
27	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
28	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
29	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
30	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
31	Dark Rims: Novel Sequence Enhances Diagnostic Specificity in Multiple Sclerosis. <i>American Journal of Neuroradiology</i> , 2018, 39, 1052-1058.	2.4	14
32	Cortical inhibitory markers of lifetime suicidal behavior in depressed adolescents. <i>Neuropsychopharmacology</i> , 2018, 43, 1822-1831.	5.4	23
33	<i>Structural Anatomy.</i> , 2018, , 3-33.		0
34	<i>Structural Anatomy.</i> , 2018, , 113-127.		0
35	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
36	High-frequency repetitive TMS for suicidal ideation in adolescents with depression. <i>Journal of Affective Disorders</i> , 2018, 239, 282-290.	4.1	58

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37	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
38	Identification of a pyruvate-to-lactate signature in pancreatic intraductal papillary mucinous neoplasms. <i>Pancreatology</i> , 2018, 18, 46-53.	1.1	9
39	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
40	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
41	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
42	The Long and Winding Road: Thoracic Myelopathy Associated With Occipitocervical Dural Arteriovenous Fistula. <i>World Neurosurgery</i> , 2017, 108, 998.e7-998.e16.	1.3	13
43	Increased Curvature of the Tentorium Cerebelli in Idiopathic Intracranial Hypertension. <i>American Journal of Neuroradiology</i> , 2017, 38, 1789-1793.	2.4	11
44	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
45	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
46	An Exploratory Study of Spectroscopic Glutamatergic Correlates of Cortical Excitability in Depressed Adolescents. <i>Frontiers in Neural Circuits</i> , 2016, 10, 98.	2.8	11
47	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
48	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
49	Transcranial magnetic stimulation potentiates glutamatergic neurotransmission in depressed adolescents. <i>Psychiatry Research - Neuroimaging</i> , 2016, 247, 25-33.	1.8	52
50	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
51	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
52	α -Ketoglutarate normalization in bipolar depression after lamotrigine treatment. <i>Bipolar Disorders</i> , 2015, 17, 450-457.	1.9	49
53	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
54	Evaluation of Posttreatment Follow-Up of Patients With Prostate Cancer Relative to the American College of Radiology's Appropriateness Criteria. <i>American Journal of Roentgenology</i> , 2015, 205, 1008-1015.	2.2	0

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55	Recent advances in clinical practice challenges and opportunities in the management of obesity. <i>Gut</i> , 2014, 63, 687-695.	12.1	82
56	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
57	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
58	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
59	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
60	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
61	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
62	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
63	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
64	MR spectroscopy in schizophrenia. <i>Journal of Magnetic Resonance Imaging</i> , 2011, 34, 1251-1261.	3.4	23
65	The case of the missing glutamine. <i>NMR in Biomedicine</i> , 2011, 24, 529-535.	2.8	31
66	Incidental Findings in Imaging Research. <i>Archives of Internal Medicine</i> , 2010, 170, 1525-32.	3.8	146
67	Update on the Use of MR for Assessment and Diagnosis of Psychiatric Diseases. <i>Radiology</i> , 2010, 255, 23-41.	7.3	86
68	Pathologic Correlation of Posterior Ligamentous Injury With MRI. <i>Orthopedics</i> , 2010, 33, 53.	1.1	3
69	MRS is the Test of Choice for Detecting and Monitoring Disorders of Creatine Metabolism. <i>Pediatric Neurology</i> , 2009, 40, 408-410.	2.1	6
70	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
71	Selective maximization of ³¹ P 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
72	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

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73	Imaging features of copper deficiency myelopathy: a study of 25 cases. <i>Neuroradiology</i> , 2006, 48, 78-83.	2.2	126
74	A magnetic resonance spectroscopy investigation of obsessive-compulsive disorder and anxiety. <i>Psychiatry Research - Neuroimaging</i> , 2006, 146, 137-147.	1.8	120
75	Magnetic resonance spectroscopic studies of pediatric mood disorders: a selective review. <i>Current Opinion in Pediatrics</i> , 2005, 17, 619-625.	2.0	1
76	Imaging the brachial plexus. <i>Hand Clinics</i> , 2005, 21, 25-37.	1.0	45
77	Acquired Cerebral Hemiatrophy: Idiopathic?. <i>Journal of Neuroimaging</i> , 2004, 14, 187-191.	2.0	4
78	A meta-analysis of functional neuroimaging in obsessive-compulsive disorder. <i>Psychiatry Research - Neuroimaging</i> , 2004, 132, 69-79.	1.8	405
79	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
80	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
81	Decompressive Craniectomy For Intractable Cerebral Edema: Experience Of a Single Center. <i>Journal of Neurosurgical Anesthesiology</i> , 2003, 15, 25-32.	1.2	80
82	Advanced Magnetic Resonance Imaging Techniques for Patients With Hemifacial Spasm. <i>Ophthalmic Plastic and Reconstructive Surgery</i> , 2002, 18, 72-74.	0.8	7
83	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
84	Astroblastoma: radiologic-pathologic correlation and distinction from ependymoma. <i>American Journal of Neuroradiology</i> , 2002, 23, 243-7.	2.4	67
85	Quantification and Minimization of Magnetic Susceptibility Artifacts on GRE Images. <i>Journal of Computer Assisted Tomography</i> , 2000, 24, 958-964.	0.9	99
86	Reversible leukoencephalopathy associated with re-infusion of DMSO preserved stem cells. <i>Bone Marrow Transplantation</i> , 2000, 26, 797-800.	2.4	79
87	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
88	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
89	Lymphoepithelial cyst (IEC) of the pancreas: Cytomorphology and differential diagnosis on fine-needle aspiration (FNA). , 1999, 20, 371-374.		43
90	Lymphoepithelial cyst (IEC) of the pancreas: Cytomorphology and differential diagnosis on fine-needle aspiration (FNA). <i>Diagnostic Cytopathology</i> , 1999, 20, 371-374.	1.0	1

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91	Intraabdominal desmoplastic small round cell tumor: Cytopathologic findings in two cases. Diagnostic Cytopathology, 1998, 18, 449-452.	1.0	28
92	Reversible intracerebral pathologic entities mediated by vascular autoregulatory dysfunction.. Radiographics, 1998, 18, 353-367.	3.3	156
93	Scintigraphy of Ileal Hemorrhage From Metastasis of Renal Cell Carcinoma. Clinical Nuclear Medicine, 1998, 23, 464-465.	1.3	2
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	Neuropoiesis: Proposal for a connectionistic neurobiology. Medical Hypotheses, 1995, 45, 147-163.	1.5	10
96	Single neurons with both form/color differential responses and saccade-related responses in the nonretinotopic pulvinar of the behaving macaque monkey. Visual Neuroscience, 1995, 12, 523-544.	1.0	78
97	A theory of cooperativity modulation in neural networks as an important parameter of CNS catecholamine function and induction of psychopathology. Neurological Research, 1994, 16, 330-341.	1.3	4
98	The effects of dark-rearing on the electrophysiology of the rat visual cortex. Brain Research, 1992, 572, 198-207.	2.2	68
99	Magnetic resonance spectroscopy in psychiatry. , 0, , 566-592.		1