

Brian Coley

List of Publications by Year in descending order

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125
papers

5,418
citations

94381

37
h-index

88593

70
g-index

134
all docs

134
docs citations

134
times ranked

4703
citing authors

#	ARTICLE	IF	CITATIONS
1	Dystrophin Immunity in Duchenne's Muscular Dystrophy. <i>New England Journal of Medicine</i> , 2010, 363, 1429-1437.	13.9	546
2	The <i>Image Gently</i> Campaign: Working Together to Change Practice. <i>American Journal of Roentgenology</i> , 2008, 190, 273-274.	1.0	327
3	Systemic Gene Delivery in Large Species for Targeting Spinal Cord, Brain, and Peripheral Tissues for Pediatric Disorders. <i>Molecular Therapy</i> , 2011, 19, 1971-1980.	3.7	290
4	The <i>Image Gently</i> ™ campaign: increasing CT radiation dose awareness through a national education and awareness program. <i>Pediatric Radiology</i> , 2008, 38, 265-269.	1.1	227
5	Sustained alpha-sarcoglycan gene expression after gene transfer in limb-girdle muscular dystrophy, type 2D. <i>Annals of Neurology</i> , 2010, 68, 629-638.	2.8	214
6	Limb-girdle muscular dystrophy type 2D gene therapy restores alpha-sarcoglycan and associated proteins. <i>Annals of Neurology</i> , 2009, 66, 290-297.	2.8	204
7	ACR Appropriateness Criteria® Right Lower Quadrant Pain—Suspected Appendicitis. <i>Journal of the American College of Radiology</i> , 2011, 8, 749-755.	0.9	184
8	Postangiographic femoral artery pseudoaneurysms: further experience with US-guided compression repair. <i>Radiology</i> , 1995, 194, 307-311.	3.6	179
9	Focused Abdominal Sonography for Trauma (FAST) in Children with Blunt Abdominal Trauma. <i>Journal of Trauma</i> , 2000, 48, 902-906.	2.3	135
10	Plasmapheresis Eliminates the Negative Impact of AAV Antibodies on Microdystrophin Gene Expression Following Vascular Delivery. <i>Molecular Therapy</i> , 2014, 22, 338-347.	3.7	124
11	Safety of contrast-enhanced ultrasound in children for non-cardiac applications: a review by the Society for Pediatric Radiology (SPR) and the International Contrast Ultrasound Society (ICUS). <i>Pediatric Radiology</i> , 2013, 43, 1063-1073.	1.1	117
12	A translational approach for limb vascular delivery of the micro-dystrophin gene without high volume or high pressure for treatment of Duchenne muscular dystrophy. <i>Journal of Translational Medicine</i> , 2007, 5, 45.	1.8	90
13	ACR Appropriateness Criteria® on Suspected Physical Abuse—Child. <i>Journal of the American College of Radiology</i> , 2011, 8, 87-94.	0.9	90
14	Diagnostic and interventional ultrasonography in neonatal and infant lumbar puncture. <i>Pediatric Radiology</i> , 2001, 31, 399-402.	1.1	80
15	Lung Ultrasonography: A Viable Alternative to Chest Radiography in Children with Suspected Pneumonia?. <i>Journal of Pediatrics</i> , 2016, 176, 93-98.e7.	0.9	80
16	Sonography of Pediatric Small-Bowel Intussusception: Differentiating Surgical from Nonsurgical Cases. <i>American Journal of Roentgenology</i> , 2007, 188, 275-279.	1.0	79
17	Surveillance of ventilator-associated pneumonia in very-low-birth-weight infants. <i>American Journal of Infection Control</i> , 2002, 30, 32-39.	1.1	76
18	Image GentlySM: A National Education and Communication Campaign in Radiology Using the Science of Social Marketing. <i>Journal of the American College of Radiology</i> , 2008, 5, 1200-1205.	0.9	73

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19	Esophago-Glottal Closure Reflex in Human Infants: A Novel Reflex Elicited With Concurrent Manometry and Ultrasonography. American Journal of Gastroenterology, 2007, 102, 2286-2293.	0.2	68
20	Acute testicular torsion: comparison of unenhanced and contrast-enhanced power Doppler US, color Doppler US, and radionuclide imaging.. Radiology, 1996, 199, 441-446.	3.6	63
21	Image Gently: progress and challenges in CT education and advocacy. Pediatric Radiology, 2011, 41, 461-466.	1.1	63
22	Vascular Delivery of rAAVrh74.MCK.GALGT2 to the Gastrocnemius Muscle of the Rhesus Macaque Stimulates the Expression of Dystrophin and Laminin \pm 2 Surrogates. Molecular Therapy, 2014, 22, 713-724.	3.7	61
23	Preliminary experience with focused abdominal sonography for trauma (FAST) in children: Is it useful?. Journal of Pediatric Surgery, 1999, 34, 48-54.	0.8	60
24	Definition and Implications of Novel Pharyngo-Glottal Reflex in Human Infants Using Concurrent Manometry Ultrasonography. American Journal of Gastroenterology, 2009, 104, 2572-2582.	0.2	59
25	Chest Sonography in Children: Current Indications, Techniques, and Imaging Findings. Radiologic Clinics of North America, 2011, 49, 825-846.	0.9	58
26	Ultrasound-guided corticosteroid injection therapy for juvenile idiopathic arthritis: 12-year care experience. Pediatric Radiology, 2012, 42, 1481-1489.	1.1	53
27	Rice bodies in juvenile rheumatoid arthritis.. American Journal of Roentgenology, 1998, 170, 698-700.	1.0	52
28	Pediatric Chest Ultrasound. Radiologic Clinics of North America, 2005, 43, 405-418.	0.9	52
29	Importance of hypoxic/ischemic conditions in the development of cerebral lenticulostriate vasculopathy. Pediatric Radiology, 2000, 30, 846-855.	1.1	51
30	Image Gently, Step Lightly: Promoting Radiation Safety in Pediatric Interventional Radiology. American Journal of Roentgenology, 2010, 195, W299-W301.	1.0	51
31	Neonatal total parenteral nutrition ascites from liver erosion by umbilical vein catheters. Pediatric Radiology, 1998, 28, 923-927.	1.1	49
32	ACR Appropriateness Criteria Head Trauma—Child. Journal of the American College of Radiology, 2014, 11, 939-947.	0.9	49
33	The simple sacral dimple: diagnostic yield of ultrasound in neonates. Pediatric Radiology, 2015, 45, 211-216.	1.1	48
34	Incisional endometrioma involving the rectus abdominis muscle and subcutaneous tissues: CT appearance.. American Journal of Roentgenology, 1993, 160, 549-550.	1.0	47
35	ACR Appropriateness Criteria® on Developmental Dysplasia of the Hip—Child. Journal of the American College of Radiology, 2009, 6, 551-557.	0.9	45
36	Effect of Nutritional Rehabilitation on Gastric Motility and Somatization in Adolescents with Anorexia. Journal of Pediatrics, 2013, 163, 867-872.e1.	0.9	43

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37	Self-embedding Behavior: Radiologic Management of Self-inserted Soft-Tissue Foreign Bodies. Radiology, 2010, 257, 233-239.	3.6	39
38	Image Gently, Step Lightly: increasing radiation dose awareness in pediatric interventional radiology. Pediatric Radiology, 2009, 39, 1135-1138.	1.1	38
39	Image Gently: Providing Practical Educational Tools and Advocacy to Accelerate Radiation Protection for Children Worldwide. Seminars in Ultrasound, CT and MRI, 2010, 31, 57-63.	0.7	38
40	AIUM Practice Guideline for the Performance of an Ultrasound Examination for Detection and Assessment of Developmental Dysplasia of the Hip. Journal of Ultrasound in Medicine, 2013, 32, 1307-1317.	0.8	38
41	Correlation of Glottal Closure Using Concurrent Ultrasonography and Nasolaryngoscopy in Children: A Novel Approach to Evaluate Glottal Status. Dysphagia, 2006, 21, 75-81.	1.0	37
42	Perfluorocarbon-enhanced sonography: value in detecting acute venous thrombosis in rabbits.. American Journal of Roentgenology, 1994, 163, 961-964.	1.0	36
43	Sonographic findings in splenogonadal fusion. Pediatric Radiology, 1999, 29, 73-75.	1.1	36
44	Sonographically Guided Aspiration of Cerebrospinal Fluid Pseudocysts in Children and Adolescents. American Journal of Roentgenology, 2004, 183, 1507-1510.	1.0	36
45	Identification of a Unique Transgenic Mouse Line That Develops Megabladder, Obstructive Uropathy, and Renal Dysfunction. Journal of the American Society of Nephrology: JASN, 2007, 18, 461-471.	3.0	36
46	Computed Tomography and Shifts to Alternate Imaging Modalities in Hospitalized Children. Pediatrics, 2015, 136, e573-e581.	1.0	36
47	ACR Appropriateness Criteria® on Crohn's Disease. Journal of the American College of Radiology, 2010, 7, 94-102.	0.9	34
48	Interventional radiology treatment of empyema and lung abscesses. Paediatric Respiratory Reviews, 2008, 9, 77-84.	1.2	33
49	ACR Appropriateness Criteria® Urinary Tract Infection Child. Journal of the American College of Radiology, 2017, 14, S362-S371.	0.9	33
50	Fetus In Fetu and Fetaform Teratoma in 2 Neonates. Journal of Ultrasound in Medicine, 2006, 25, 259-263.	0.8	32
51	Focused dynamic sonographic examination of the congenital clubfoot. Pediatric Radiology, 2007, 37, 1118-1124.	1.1	30
52	Percutaneous Nephrostomy in Children and Adolescents: Outpatient Management. Radiology, 2001, 218, 207-210.	3.6	27
53	Diagnostic and interventional ultrasound of the pediatric spine. Pediatric Radiology, 2001, 31, 775-785.	1.1	25
54	Ventilator-associated pneumonia in very low birth-weight infants at the time of nosocomial bloodstream infection and during airway colonization with Pseudomonas aeruginosa. American Journal of Infection Control, 2000, 28, 333-339.	1.1	24

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55	Ultrasonography Underestimates the Volume of Normal Parenchyma in Benign Testicular Masses. Journal of Urology, 2007, 178, 1730-1732.	0.2	24
56	Limited Value of Plain Radiographs in Infant Torticollis. Pediatrics, 2006, 118, e1779-e1784.	1.0	23
57	Potential role of PFOB enhanced sonography of the kidney. II. Detection of partial infarction. Kidney International, 1991, 39, 740-745.	2.6	21
58	Selective Management of Iatrogenic Femoral Artery Injuries. Journal of Surgical Research, 1993, 55, 109-113.	0.8	21
59	Renal resistive index in experimental partial and complete ureteral obstruction. Academic Radiology, 1995, 2, 373-378.	1.3	21
60	Radiation Safety in Pediatric Interventional Radiology. Techniques in Vascular and Interventional Radiology, 2010, 13, 158-166.	0.4	21
61	Pediatric applications of abdominal vascular Doppler: Part II. Pediatric Radiology, 2004, 34, 772-86.	1.1	19
62	ACR Appropriateness Criteria Vomiting in Infants up to 3 Months of Age. Journal of the American College of Radiology, 2015, 12, 915-922.	0.9	19
63	2021 update on the urinary tract dilation (UTD) classification system: clarifications, review of the literature, and practical suggestions. Pediatric Radiology, 2022, 52, 740-751.	1.1	19
64	Cystic periventricular leukomalacia of the corpus callosum. Pediatric Radiology, 1997, 27, 583-585.	1.1	18
65	Recurrent deep venous thrombosis complicating PICC line placement in two patients with cystic fibrosis and activated protein C-resistance. Pediatric Radiology, 1998, 28, 552-553.	1.1	18
66	Age-dependent dynamic sonographic measurement of pediatric clubfoot. Pediatric Radiology, 2007, 37, 1125-1129.	1.1	18
67	Emergency Department Use of Computed Tomography for Children with Ventricular Shunts. Journal of Pediatrics, 2015, 167, 1382-1388.e2.	0.9	18
68	ACR Appropriateness Criteria® Back Pain in Child. Journal of the American College of Radiology, 2017, 14, S13-S24.	0.9	18
69	Ultrasound diagnosis of the anterior urethral valve. Pediatric Radiology, 2001, 31, 634-636.	1.1	17
70	The creation of non-disease: an assault on the diagnosis of child abuse. Pediatric Radiology, 2012, 42, 903-905.	1.1	16
71	Pediatric applications of abdominal vascular Doppler imaging: Part I. Pediatric Radiology, 2004, 34, 757-71.	1.1	15
72	Ultrasound imaging of renin-mediated hypertension. Pediatric Radiology, 2017, 47, 1116-1124.	1.1	15

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73	Abdominal Complications of Ventriculoperitoneal Shunts in Children. <i>Seminars in Ultrasound, CT and MRI</i> , 2006, 27, 152-160.	0.7	14
74	Vesicovaginal Reflux Mimicking Obstructive Hydrocolpos. <i>Journal of Ultrasound in Medicine</i> , 2007, 26, 1781-1784.	0.8	14
75	Bedside pediatric emergency evaluation through ultrasonography. <i>Pediatric Radiology</i> , 2008, 38, 679-684.	1.1	14
76	ACR Appropriateness Criteria® Limping Child—Ages 0 to 5 Years. <i>Journal of the American College of Radiology</i> , 2012, 9, 545-553.	0.9	14
77	Ultrasound diagnosis of luckenschadel (lacunar skull). <i>Pediatric Radiology</i> , 2000, 30, 82-84.	1.1	13
78	Image-guided interventions in neonates. <i>European Journal of Radiology</i> , 2006, 60, 208-220.	1.2	13
79	Sonography of Pediatric Scrotal Swelling. <i>Seminars in Ultrasound, CT and MRI</i> , 2007, 28, 297-306.	0.7	13
80	The Physiologic Basis of the Radiodense Renal Medulla After the Administration of Blood Pool Contrast Agent PFOB. <i>Investigative Radiology</i> , 1990, 25, 1287-1293.	3.5	12
81	ACR Appropriateness Criteria Fever Without Source or Unknown Origin—Child. <i>Journal of the American College of Radiology</i> , 2016, 13, 922-930.	0.9	12
82	Quality measures and pediatric radiology: suggestions for the transition to value-based payment. <i>Pediatric Radiology</i> , 2017, 47, 776-782.	1.1	12
83	Bacterial and Ureaplasma colonization of the airway: radiologic findings in infants with bronchopulmonary dysplasia. <i>Journal of Perinatology</i> , 1997, 17, 428-33.	0.9	12
84	Neonatal Temporal Lobar Hemorrhage Secondary to Thrombosis of the Vein of LabbÃ©. <i>Journal of Perinatology</i> , 2005, 25, 605-607.	0.9	11
85	The Acute Pediatric Scrotum. <i>Ultrasound Clinics</i> , 2006, 1, 485-496.	0.2	11
86	MR imaging assessment of experimental hepatic dysfunction with mn-DPDP. <i>Journal of Magnetic Resonance Imaging</i> , 1995, 5, 11-16.	1.9	10
87	Preamputation MR imaging in meningococemia and comparison to conventional arteriography. <i>Pediatric Radiology</i> , 1998, 28, 426-428.	1.1	10
88	Resolving Testicular Microlithiasis in a 12-Year-Old Boy. <i>Journal of Ultrasound in Medicine</i> , 2005, 24, 1445-1448.	0.8	10
89	Appendicitis in children: one radiologist's perspective. <i>Pediatric Radiology</i> , 2007, 37, 1-3.	1.1	10
90	Approaches to promotion and implementation of action on radiation protection for children. <i>Radiation Protection Dosimetry</i> , 2011, 147, 137-141.	0.4	10

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91	Perirenal hemorrhage as first presentation of Wilms tumor. <i>Pediatric Radiology</i> , 2006, 36, 714-717.	1.1	9
92	Value of brominated fluorocarbons for the radiographic diagnosis of small-bowel obstruction: comparison with other contrast agents in rats.. <i>American Journal of Roentgenology</i> , 1993, 161, 409-416.	1.0	8
93	The future of pediatric US. <i>Pediatric Radiology</i> , 2011, 41, 220-227.	1.1	8
94	AIUM Practice Guideline for the Performance of Native Renal Artery Duplex Sonography. <i>Journal of Ultrasound in Medicine</i> , 2013, 32, 1331-1340.	0.8	8
95	Leveraging diversity, equity and inclusion for promoting wellness in the radiology workplace. <i>Pediatric Radiology</i> , 2022, 52, 1724-1729.	1.1	8
96	Diagnostic performance of ultrasound hepatorenal index for the diagnosis of hepatic steatosis in children. <i>Pediatric Radiology</i> , 2022, 52, 1306-1313.	1.1	8
97	Abdominal Masses in an Eight-Year-Old Boy. <i>Investigative Radiology</i> , 1994, 29, 656-658.	3.5	7
98	Assessing vesicoureteral reflux in live inbred mice via ultrasound with a microbubble contrast agent. <i>American Journal of Physiology - Renal Physiology</i> , 2011, 300, F1262-F1265.	1.3	7
99	An improved method to determine orogastric tube insertion length in extremely low birth weight infants. <i>Journal of Neonatal-Perinatal Medicine</i> , 2011, 4, 9-13.	0.4	6
100	Is It Time for a Dedicated Pediatric MRI ACR Accreditation Program?. <i>Journal of the American College of Radiology</i> , 2013, 10, 274-278.	0.9	6
101	Ultrasound of congenital spine anomalies. <i>Pediatric Radiology</i> , 2021, 51, 2442-2457.	1.1	6
102	A patient with recurrent episodes of red urine: question. <i>Pediatric Nephrology</i> , 2007, 22, 187-187.	0.9	5
103	Saving the starfish: World Federation of Pediatric Imaging (WFPI) development, work to date, and membership feedback on international outreach. <i>Pediatric Radiology</i> , 2016, 46, 452-461.	1.1	5
104	Automatic Detection of Inadequate Pediatric Lateral Neck Radiographs of the Airway and Soft Tissues using Deep Learning. <i>Radiology: Artificial Intelligence</i> , 2020, 2, e190226.	3.0	5
105	Radiological pulmonary changes during gram-negative bacillary nosocomial bloodstream infection in premature infants. <i>Journal of Perinatology</i> , 1998, 18, 291-6.	0.9	5
106	Detection of urinary tract calculi on CT images reconstructed with deep learning algorithms. <i>Abdominal Radiology</i> , 2022, 47, 265-271.	1.0	4
107	Orogastric tube placement in extremely low birth weight infants. <i>Journal of Neonatal-Perinatal Medicine</i> , 2009, 2, 253-259.	0.4	3
108	Pneumatosis coli: A benign form of necrotizing enterocolitis. <i>Journal of Neonatal-Perinatal Medicine</i> , 2010, 3, 293-300.	0.4	3

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109	Visible blood in the stool in a neonatal intensive care unit. Journal of Neonatal-Perinatal Medicine, 2011, 4, 221-229.	0.4	3
110	Pediatric Gynecologic Ultrasound. Ultrasound Clinics, 2012, 7, 107-121.	0.2	2
111	VCUG and the question of sedation. Pediatric Radiology, 2012, 42, 284-284.	1.1	2
112	Reply. Journal of Pediatrics, 2018, 196, 329-330.	0.9	2
113	The use of a patient advocate to improve the experience in pediatric radiology. Pediatric Radiology, 2020, 50, 1499-1508.	1.1	2
114	CT Phantom for the Determination of PFOB Biodistribution in man. Investigative Radiology, 1990, 25, 1361.	3.5	1
115	A patient with recurrent episodes of red urine: answer. Pediatric Nephrology, 2007, 22, 188-191.	0.9	1
116	Synchronous Presentation of Hashimoto Thyroiditis and Papillary Thyroid Carcinoma in a 7-Year-Old Girl. Journal of Ultrasound in Medicine, 2010, 29, 1007-1010.	0.8	1
117	Pediatric Sonography Curriculum. Journal of Diagnostic Medical Sonography, 2016, 32, 1-9.	0.1	1
118	Cultural competence in pediatric radiology: Hispanic culture. Pediatric Radiology, 2021, 51, 1772-1773.	1.1	1
119	Promoting gender equity and inclusion through allyship. Pediatric Radiology, 2022, 52, 1202-1206.	1.1	1
120	How did we get here? Thoughts on health care system drivers of pediatric radiology burnout. Pediatric Radiology, 2022, , 1.	1.1	1
121	A simplified method for repositioning distally migrated ureteral stents.. American Journal of Roentgenology, 1997, 169, 567-568.	1.0	0
122	Imaging Acute Scrotal Pain in Children. Medical Radiology, 2011, , 125-137.	0.0	0
123	Imaging Scrotal Lumps in Children. Medical Radiology, 2011, , 191-206.	0.0	0
124	Thoughts on being a senior radiologist. Pediatric Radiology, 2021, 51, 691-692.	1.1	0
125	BPD AND AIRWAY COLONIZATION WITH UREAPLASMA UREALYTICUM (U), GRAM POSITIVE COCCI (GPC) AND GRAM NEGATIVE BACILLI (GNB): RADIOLOGICAL FINDINGS.1551. Pediatric Research, 1996, 39, 261-261.	1.1	0