

# Edward R Smith

## List of Publications by Citations

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137  
papers

3,288  
citations

33  
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g-index

153  
ext. papers

4,177  
ext. citations

5.4  
avg, IF

5.8  
L-index

#	Paper	IF	Citations
137	Serum calcification propensity predicts all-cause mortality in predialysis CKD. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2014</b> , 25, 339-48	12.7	154
136	Biological variability of plasma intact and C-terminal FGF23 measurements. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2012</b> , 97, 3357-65	5.6	151
135	Calcification of vascular smooth muscle cells is induced by secondary calciprotein particles and enhanced by tumor necrosis factor- $\alpha$ . <i>Atherosclerosis</i> , <b>2016</b> , 251, 404-414	3.1	128
134	Phosphorylated fetuin-A-containing calciprotein particles are associated with aortic stiffness and a procalcific milieu in patients with pre-dialysis CKD. <i>Nephrology Dialysis Transplantation</i> , <b>2012</b> , 27, 1957-66	4.3	126
133	Fetuin-A-containing calciprotein particles reduce mineral stress in the macrophage. <i>PLoS ONE</i> , <b>2013</b> , 8, e60904	3.7	107
132	Progression of disease in unilateral moyamoya syndrome. <i>Neurosurgical Focus</i> , <b>2008</b> , 24, E17	4.2	93
131	Blood Calcification Propensity, Cardiovascular Events, and Survival in Patients Receiving Hemodialysis in the EVOLVE Trial. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , <b>2017</b> , 12, 315-322	6.9	89
130	Metabolism of sugars in the endosperm of developing seeds of oilseed rape. <i>Plant Physiology</i> , <b>2003</b> , 131, 228-36	6.6	89
129	Spontaneous occlusion of the circle of Willis in children: pediatric moyamoya summary with proposed evidence-based practice guidelines. A review. <i>Journal of Neurosurgery: Pediatrics</i> , <b>2012</b> , 9, 353-60	2.1	82
128	The transport of sugars to developing embryos is not via the bulk endosperm in oilseed rape seeds. <i>Plant Physiology</i> , <b>2008</b> , 147, 2121-30	6.6	70
127	Pial synangiosis in patients with moyamoya syndrome and sickle cell anemia: perioperative management and surgical outcome. <i>Neurosurgical Focus</i> , <b>2009</b> , 26, E10	4.2	63
126	Serum fetuin-A concentration and fetuin-A-containing calciprotein particles in patients with chronic inflammatory disease and renal failure. <i>Nephrology</i> , <b>2013</b> , 18, 215-21	2.2	62
125	Hydrogen sulfide attenuates calcification of vascular smooth muscle cells via KEAP1/NRF2/NQO1 activation. <i>Atherosclerosis</i> , <b>2017</b> , 265, 78-86	3.1	58
124	Moyamoya: epidemiology, presentation, and diagnosis. <i>Neurosurgery Clinics of North America</i> , <b>2010</b> , 21, 543-51	4	57
123	FGF23 is synthesised locally by renal tubules and activates injury-primed fibroblasts. <i>Scientific Reports</i> , <b>2017</b> , 7, 3345	4.9	56
122	Urinary neutrophil gelatinase-associated lipocalin may aid prediction of renal decline in patients with non-proteinuric Stages 3 and 4 chronic kidney disease (CKD). <i>Nephrology Dialysis Transplantation</i> , <b>2013</b> , 28, 1569-79	4.3	55
121	Elastin degradation is associated with progressive aortic stiffening and all-cause mortality in predialysis chronic kidney disease. <i>Hypertension</i> , <b>2012</b> , 59, 973-8	8.5	55

120	De Novo Mutation in Genes Regulating Neural Stem Cell Fate in Human Congenital Hydrocephalus. <i>Neuron</i> , <b>2018</b> , 99, 302-314.e4	13.9	53
119	The value of simultaneous measurements of urinary albumin and total protein in proteinuric patients. <i>Nephrology Dialysis Transplantation</i> , <b>2012</b> , 27, 1534-41	4.3	51
118	Fetuin-A is an independent determinant of change of aortic stiffness over 1 year in non-diabetic patients with CKD stages 3 and 4. <i>Nephrology Dialysis Transplantation</i> , <b>2010</b> , 25, 1853-8	4.3	47
117	Fetuin-A-containing calciprotein particles in mineral trafficking and vascular disease. <i>Nephrology Dialysis Transplantation</i> , <b>2016</b> , 31, 1583-7	4.3	47
116	Cellular Clearance and Biological Activity of Calciprotein Particles Depend on Their Maturation State and Crystallinity. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 1991	8.4	45
115	The use of fibroblast growth factor 23 testing in patients with kidney disease. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , <b>2014</b> , 9, 1283-303	6.9	44
114	Netrin-1 promotes medulloblastoma cell invasiveness and angiogenesis, and demonstrates elevated expression in tumor tissue and urine of patients with pediatric medulloblastoma. <i>Cancer Research</i> , <b>2014</b> , 74, 3716-26	10.1	42
113	Method-specific differences in plasma fibroblast growth factor 23 measurement using four commercial ELISAs. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2013</b> , 51, 1971-81	5.9	42
112	FGF23 activates injury-primed renal fibroblasts via FGFR4-dependent signalling and enhancement of TGF- $\beta$ autoinduction. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2017</b> , 92, 63-78	5.6	41
111	FGF-23 and osteoprotegerin are independently associated with myocardial damage in chronic kidney disease stages 3 and 4. Another link between chronic kidney disease-mineral bone disorder and the heart. <i>Nephrology Dialysis Transplantation</i> , <b>2012</b> , 27, 727-33	4.3	41
110	Serum Calcification Propensity and Coronary Artery Calcification Among Patients With CKD: The CRIC (Chronic Renal Insufficiency Cohort) Study. <i>American Journal of Kidney Diseases</i> , <b>2019</b> , 73, 806-814	7.4	40
109	A novel fluorescent probe-based flow cytometric assay for mineral-containing nanoparticles in serum. <i>Scientific Reports</i> , <b>2017</b> , 7, 5686	4.9	40
108	Instability of fibroblast growth factor-23 (FGF-23): implications for clinical studies. <i>Clinica Chimica Acta</i> , <b>2011</b> , 412, 1008-11	6.2	40
107	Fibroblast growth factor 23. <i>Annals of Clinical Biochemistry</i> , <b>2014</b> , 51, 203-27	2.2	37
106	The role of fetuin-A in mineral trafficking and deposition. <i>BoneKEy Reports</i> , <b>2015</b> , 4, 672		36
105	Biochemical transformation of calciprotein particles in uraemia. <i>Bone</i> , <b>2018</b> , 110, 355-367	4.7	35
104	Progression of Tubulointerstitial Fibrosis and the Chronic Kidney Disease Phenotype - Role of Risk Factors and Epigenetics. <i>Frontiers in Pharmacology</i> , <b>2017</b> , 8, 520	5.6	33
103	Poor agreement between commercial ELISAs for plasma fetuin-A: An effect of protein glycosylation?. <i>Clinica Chimica Acta</i> , <b>2010</b> , 411, 1367-70	6.2	33

102	Mutations in Chromatin Modifier and Ephrin Signaling Genes in Vein of Galen Malformation. <i>Neuron</i> , <b>2019</b> , 101, 429-443.e4	13.9	33
101	Dural arteriovenous fistulae in pediatric patients: associated conditions and treatment outcomes. <i>Journal of NeuroInterventional Surgery</i> , <b>2013</b> , 5, 6-9	7.8	32
100	A phase I/II study of veliparib (ABT-888) with radiation and temozolomide in newly diagnosed diffuse pontine glioma: a Pediatric Brain Tumor Consortium study. <i>Neuro-Oncology</i> , <b>2020</b> , 22, 875-885	1	30
99	Somatic mutations in intracranial arteriovenous malformations. <i>PLoS ONE</i> , <b>2019</b> , 14, e0226852	3.7	30
98	Current and potential therapeutic strategies for the management of vascular calcification in patients with chronic kidney disease including those on dialysis. <i>Seminars in Dialysis</i> , <b>2018</b> , 31, 487-499	2.5	29
97	Epigenetic Modifications to H3K9 in Renal Tubulointerstitial Cells after Unilateral Ureteric Obstruction and TGF- $\beta$ Stimulation. <i>Frontiers in Pharmacology</i> , <b>2017</b> , 8, 307	5.6	29
96	Animal Models to Study Links between Cardiovascular Disease and Renal Failure and Their Relevance to Human Pathology. <i>Frontiers in Immunology</i> , <b>2015</b> , 6, 465	8.4	29
95	ITGA2 as a potential nanotherapeutic target for glioblastoma. <i>Scientific Reports</i> , <b>2019</b> , 9, 6195	4.9	27
94	Cavernous malformations. <i>Neurosurgery Clinics of North America</i> , <b>2010</b> , 21, 483-90	4	27
93	Vascular Calcification in Uremia: New-Age Concepts about an Old-Age Problem. <i>Methods in Molecular Biology</i> , <b>2016</b> , 1397, 175-208	1.4	24
92	The importance of klotho in phosphate metabolism and kidney disease. <i>Nephrology</i> , <b>2014</b> , 19, 439-49	2.2	24
91	Plasma fetuin-A is associated with the severity of cognitive impairment in mild-to-moderate Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , <b>2011</b> , 24, 327-33	4.3	24
90	A recurrent craniopharyngioma illustrates the potential usefulness of urinary matrix metalloproteinases as noninvasive biomarkers: case report. <i>Neurosurgery</i> , <b>2007</b> , 60, E1148-9; discussion E1149	3.2	24
89	Exome sequencing implicates genetic disruption of prenatal neuro-gliogenesis in sporadic congenital hydrocephalus. <i>Nature Medicine</i> , <b>2020</b> , 26, 1754-1765	50.5	23
88	National Analysis of 2454 Pediatric Moyamoya Admissions and the Effect of Hospital Volume on Outcomes. <i>Stroke</i> , <b>2016</b> , 47, 1303-11	6.7	23
87	Moyamoya syndrome associated with Alagille syndrome: outcome after surgical revascularization. <i>Journal of Pediatrics</i> , <b>2015</b> , 166, 470-3	3.6	22
86	A Randomized Trial on the Effect of Phosphate Reduction on Vascular End Points in CKD (IMPROVE-CKD). <i>Journal of the American Society of Nephrology: JASN</i> , <b>2020</b> , 31, 2653-2666	12.7	22
85	Phosphate, Calcification in Blood, and Mineral Stress: The Physiologic Blood Mineral Buffering System and Its Association with Cardiovascular Risk. <i>International Journal of Nephrology</i> , <b>2018</b> , 2018, 9182078	1.7	22

84	Serum Calcification Propensity and Clinical Events in CKD. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , <b>2019</b> , 14, 1562-1571	6.9	20
83	Simultaneous measurement of urinary albumin and total protein may facilitate decision-making in HIV-infected patients with proteinuria. <i>HIV Medicine</i> , <b>2012</b> , 13, 526-32	2.7	19
82	Moyamoya: defining current knowledge gaps. <i>Developmental Medicine and Child Neurology</i> , <b>2015</b> , 57, 786-7	3.3	19
81	The effect of increasing dialysate magnesium on calciprotein particles, inflammation and bone markers: post hoc analysis from a randomized controlled clinical trial. <i>Nephrology Dialysis Transplantation</i> , <b>2021</b> , 36, 713-721	4.3	19
80	Mud in the blood: the role of protein-mineral complexes and extracellular vesicles in biomineralisation and calcification. <i>Journal of Structural Biology</i> , <b>2020</b> , 212, 107577	3.4	18
79	Fetuin-A-containing calciprotein particle levels can be reduced by dialysis, sodium thiosulphate and plasma exchange. Potential therapeutic implications for calciphylaxis?. <i>Nephrology</i> , <b>2013</b> , 18, 724-7	2.2	17
78	Imaging features and prognostic factors in fetal and postnatal torcular dural sinus malformations, part II: synthesis of the literature and patient management. <i>Journal of NeuroInterventional Surgery</i> , <b>2018</b> , 10, 471-475	7.8	16
77	βKlotho-FGF23 interactions and their role in kidney disease: a molecular insight. <i>Cellular and Molecular Life Sciences</i> , <b>2019</b> , 76, 4705-4724	10.3	15
76	Management of brain arteriovenous malformations. <i>Lancet, The</i> , <b>2014</b> , 383, 1635	4.0	15
75	Imaging features and prognostic factors in fetal and postnatal torcular dural sinus malformations, part I: review of experience at Boston Children's Hospital. <i>Journal of NeuroInterventional Surgery</i> , <b>2018</b> , 10, 467-470	7.8	14
74	Qualitative and quantitative analysis of fibrosis in the kidney. <i>Nephrology</i> , <b>2014</b> , 19, 721-6	2.2	14
73	Fully automated, real-time, calibration-free, continuous noninvasive estimation of intracranial pressure in children. <i>Journal of Neurosurgery: Pediatrics</i> , <b>2019</b> , 1-11	2.1	14
72	A study of pediatric cerebral arteriovenous malformations: clinical presentation, radiological features, and long-term functional and educational outcomes with predictors of sustained neurological deficits. <i>Journal of Neurosurgery: Pediatrics</i> , <b>2019</b> , 24, 1-8	2.1	13
71	Diagnostic Tests for Vascular Calcification. <i>Advances in Chronic Kidney Disease</i> , <b>2019</b> , 26, 445-463	4.7	13
70	Whole Exome Sequencing Reveals a Monogenic Cause of Disease in 83% of 35 Families With Midaortic Syndrome. <i>Hypertension</i> , <b>2018</b> , 71, 691-699	8.5	12
69	The Role of Secondary Calciprotein Particles in the Mineralisation Paradox of Chronic Kidney Disease. <i>Calcified Tissue International</i> , <b>2017</b> , 101, 570-580	3.9	12
68	Structural causes of ischemic and hemorrhagic stroke in children: moyamoya and arteriovenous malformations. <i>Current Opinion in Pediatrics</i> , <b>2015</b> , 27, 706-11	3.2	12
67	Estrogens do not protect, but androgens exacerbate, collagen accumulation in the female mouse kidney after ureteric obstruction. <i>Life Sciences</i> , <b>2016</b> , 158, 130-6	6.8	12

66	TGF- $\beta$ modifies histone acetylation and acetyl-coenzyme A metabolism in renal myofibroblasts. <i>American Journal of Physiology - Renal Physiology</i> , <b>2019</b> ,	4.3	12
65	A Metabolic Reprogramming of Glycolysis and Glutamine Metabolism Is a Requisite for Renal Fibrogenesis-Why and How?. <i>Frontiers in Physiology</i> , <b>2021</b> , 12, 645857	4.6	12
64	Monitoring skin temperature at the wrist in hospitalised patients may assist in the detection of infection. <i>Internal Medicine Journal</i> , <b>2020</b> , 50, 685-690	1.6	11
63	Longitudinal changes in bone and mineral metabolism after cessation of cinacalcet in dialysis patients with secondary hyperparathyroidism. <i>BMC Nephrology</i> , <b>2018</b> , 19, 113	2.7	11
62	Relative abundance of fetuin-A in peritoneal dialysis effluent and its association with in situ formation of calciprotein particles: an observational pilot study. <i>Nephrology</i> , <b>2015</b> , 20, 6-10	2.2	11
61	The Isolation and Quantitation of Fetuin-A-Containing Calciprotein Particles from Biological Fluids. <i>Methods in Molecular Biology</i> , <b>2016</b> , 1397, 221-240	1.4	11
60	Pre-analytical stability of FGF23 with the contemporary immunoassays. <i>Clinica Chimica Acta</i> , <b>2019</b> , 493, 104-106	6.2	10
59	Nature's remedy to phosphate woes: calciprotein particles regulate systemic mineral metabolism. <i>Kidney International</i> , <b>2020</b> , 97, 648-651	9.9	10
58	Dysregulation of the EphrinB2-EphB4 ratio in pediatric cerebral arteriovenous malformations is associated with endothelial cell dysfunction in vitro and functions as a novel noninvasive biomarker in patients. <i>Experimental and Molecular Medicine</i> , <b>2020</b> , 52, 658-671	12.8	10
57	Calciprotein particles: mineral behaving badly?. <i>Current Opinion in Nephrology and Hypertension</i> , <b>2020</b> , 29, 378-386	3.5	10
56	Parenteral iron polymaltose changes i:c-terminal FGF23 ratios in iron deficiency, but not in dialysis patients. <i>European Journal of Clinical Nutrition</i> , <b>2017</b> , 71, 180-184	5.2	10
55	The pleiotropy associated with de novo variants in CHD4, CNOT3, and SETD5 extends to moyamoya angiopathy. <i>Genetics in Medicine</i> , <b>2020</b> , 22, 427-431	8.1	10
54	Incidence, clinical features, and treatment of familial moyamoya in pediatric patients: a single-institution series. <i>Journal of Neurosurgery: Pediatrics</i> , <b>2017</b> , 19, 553-559	2.1	9
53	Soluble klotho may be a marker of phosphate reabsorption. <i>CKJ: Clinical Kidney Journal</i> , <b>2017</b> , 10, 397-404	4.5	9
52	Calciprotein Particle Formation in Peritoneal Dialysis Effluent Is Dependent on Dialysate Calcium Concentration. <i>Peritoneal Dialysis International</i> , <b>2018</b> , 38, 286-292	2.8	9
51	Assessing the utility of testing aluminum levels in dialysis patients. <i>Hemodialysis International</i> , <b>2015</b> , 19, 256-62	1.7	8
50	Important differences in measurement of fetuin-A. <i>Annals of Internal Medicine</i> , <b>2010</b> , 153, 419; author reply 419-20	8	8
49	Spontaneous regression of an epidermoid cyst of the cavernous sinus. <i>Journal of Clinical Neuroscience</i> , <b>2014</b> , 21, 1433-5	2.2	7

48	Cystatin C - More than a filtration marker?. <i>Atherosclerosis</i> , <b>2013</b> , 230, 73-5	3.1	7
47	Large vessel calcification in Takayasu arteritis. <i>Internal Medicine Journal</i> , <b>2013</b> , 43, 584-7	1.6	7
46	DIAPH1 Variants in Non-East Asian Patients With Sporadic Moyamoya Disease. <i>JAMA Neurology</i> , <b>2021</b> , 78, 993-1003	17.2	7
45	Effect of Sevelamer on Calciprotein Particles in Hemodialysis Patients: The Sevelamer Versus Calcium to Reduce Fetuin-A-Containing Calciprotein Particles in Dialysis (SCaRF) Randomized Controlled Trial. <i>Kidney International Reports</i> , <b>2020</b> , 5, 1432-1447	4.1	6
44	Relationship between timed and spot urine collections for measuring phosphate excretion. <i>International Urology and Nephrology</i> , <b>2016</b> , 48, 115-24	2.3	6
43	TGF- $\beta$ is a regulator of the pyruvate dehydrogenase complex in fibroblasts. <i>Scientific Reports</i> , <b>2020</b> , 10, 17914	4.9	6
42	Noninvasive Thermal Evaluation of Ventriculoperitoneal Shunt Patency and Cerebrospinal Fluid Flow Using a Flow Enhancing Device. <i>Neurosurgery</i> , <b>2019</b> , 85, 240-249	3.2	5
41	Cerebrovascular Disease Progression in Patients With Arg179 Pathogenic Variants. <i>Neurology</i> , <b>2021</b> , 96, e538-e552	6.5	5
40	Pro-Inflammatory Cytokines IL-1 $\beta$ and TNF- $\alpha$ are not Associated with Plasma Homocysteine Concentration in Alzheimer's Disease. <i>Current Alzheimer Research</i> , <b>2013</b> , 10, 174-179	3	5
39	Fetuin-A in the peritoneal effluent of patients with encapsulating peritoneal sclerosis-more than a protein?. <i>Kidney International</i> , <b>2017</b> , 92, 1289-1290	9.9	4
38	FGF23 adds value to risk prediction in patients with chronic kidney disease. <i>Bone</i> , <b>2012</b> , 51, 830-1; author reply 832-3	4.7	4
37	Outcomes of patients with end stage kidney disease on dialysis with COVID-19 in Abu Dhabi, United Arab Emirates; from PCR to antibody. <i>BMC Nephrology</i> , <b>2021</b> , 22, 198	2.7	4
36	Clinical status and evolution in moyamoya: which angiographic findings correlate?. <i>Brain Communications</i> , <b>2019</b> , 1, fcz029	4.5	4
35	General Principles for Preoperative Planning and Microsurgical Treatment of Pediatric Brain Arteriovenous Malformations: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , <b>2019</b> , 16, E114	1.6	3
34	Diurnal variation and short-term pre-analytical stability of serum soluble Ektlotho in healthy volunteers: a pilot study. <i>Annals of Clinical Biochemistry</i> , <b>2015</b> , 52, 506-9	2.2	3
33	Analytical considerations in the investigation of mixed cryoglobulinemia. <i>Clinical Chemistry</i> , <b>2010</b> , 56, 139-40; author reply 140	5.5	3
32	Case records of the Massachusetts General Hospital. Case 37-2008. A 17-year-old boy with a pituitary tumor and skull abnormalities. <i>New England Journal of Medicine</i> , <b>2008</b> , 359, 2367-77	59.2	3
31	Single-institution case series of pituitary biopsy for suspected germinoma in the pediatric population: diagnostic utility, operative risks, and biopsy approaches. <i>Scientific Reports</i> , <b>2020</b> , 10, 15257	4.9	3

30	Effect of a medium cut-off dialyzer on protein-bound uremic toxins and mineral metabolism markers in patients on hemodialysis. <i>Hemodialysis International</i> , <b>2021</b> , 25, 322	1.7	3
29	General Principles for Pial Synangiosis in Pediatric Moyamoya Patients: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , <b>2019</b> , 16, E14-E15	1.6	2
28	Quantitative Analysis of Different Cell Entry Routes of Actively Targeted Nanomedicines Using Imaging Flow Cytometry. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , <b>2019</b> , 95, 843-853	4.6	2
27	The value of urinary neutrophil gelatinase-associated lipocalin in risk prediction of renal decline in patients with chronic kidney disease. <i>Kidney International</i> , <b>2013</b> , 84, 216-7	9.9	2
26	Laser Capture Microdissection of Archival Kidney Tissue for qRT-PCR. <i>Methods in Molecular Biology</i> , <b>2016</b> , 1397, 251-265	1.4	2
25	Vascular calcification in skin and subcutaneous tissue in patients with chronic and end-stage kidney disease. <i>BMC Nephrology</i> , <b>2020</b> , 21, 279	2.7	2
24	Noninfectious mixed cryoglobulinaemic glomerulonephritis and monoclonal gammopathy of undetermined significance: a coincidental association?. <i>BMC Nephrology</i> , <b>2020</b> , 21, 293	2.7	2
23	Neogenin is highly expressed in diffuse intrinsic pontine glioma and influences tumor invasion. <i>Brain Research</i> , <b>2021</b> , 1762, 147348	3.7	2
22	Profiling histone modifications in the normal mouse kidney and after unilateral ureteric obstruction. <i>American Journal of Physiology - Renal Physiology</i> , <b>2019</b> , 317, F606-F615	4.3	1
21	FGF23: instability may affect accuracy and interpretation. <i>Osteoporosis International</i> , <b>2013</b> , 24, 1135-6	5.3	1
20	SP397FETUIN-A ATTENUATES MINERAL NANOPARTICLE ACTIVATION OF THE NLRP3 INFLAMMASOME IN THE HUMAN MACROPHAGE. <i>Nephrology Dialysis Transplantation</i> , <b>2015</b> , 30, iii510-iii510	4.3	1
19	The best of both world, how a "Christmas tree" TEM can please biologist and material scientists. <i>Microscopy and Microanalysis</i> , <b>2015</b> , 21, 913-914	0.5	1
18	Hyperparathyroidism in chronic kidney disease: complexities within the commonplace. <i>Clinical Medicine</i> , <b>2012</b> , 12, 333-7	1.9	1
17	A phase I/II clinical trial of veliparib (ABT-888) and radiation followed by maintenance therapy with veliparib and temozolomide in patients with newly diagnosed diffuse intrinsic pontine glioma (DIPG): A Pediatric Brain Tumor Consortium Interim Report of Phase I Study.. <i>Journal of Clinical Oncology</i> , <b>2015</b> , 33, 10053-10053	2.2	1
16	A national analysis of 9655 pediatric cerebrovascular malformations: effect of hospital volume on outcomes. <i>Journal of Neurosurgery: Pediatrics</i> , <b>2019</b> , 1-10	2.1	1
15	Reduction of Calciprotein Particles in Adults Receiving Infliximab for Chronic Inflammatory Disease. <i>JBMR Plus</i> , <b>2021</b> , 5, e10497	3.9	1
14	Intracranial Vascular Abnormalities in Children. <i>Pediatric Clinics of North America</i> , <b>2021</b> , 68, 825-843	3.6	1
13	Non-invasive Urinary Biomarkers in Moyamoya Disease. <i>Frontiers in Neurology</i> , <b>2021</b> , 12, 661952	4.1	0



12	HBEGF: an EGF-like growth factor with FGF23-like activity?. <i>Kidney International</i> , <b>2021</b> , 99, 539-542	9.9	o
11	Scoliosis with Chiari I malformation without associated syringomyelia. <i>Spine Deformity</i> , <b>2021</b> , 9, 1105-1113		o
10	Introduction. Translational research advances in the evaluation and management of moyamoya disease. <i>Neurosurgical Focus</i> , <b>2021</b> , 51, E1	4.2	o
9	Ivy sign: a diagnostic and prognostic biomarker for pediatric moyamoya.. <i>Journal of Neurosurgery: Pediatrics</i> , <b>2021</b> , 1-9	2.1	o
8	Effect of nutritional calcium and phosphate loading on calciprotein particle kinetics in adults with normal and impaired kidney function.. <i>Scientific Reports</i> , <b>2022</b> , 12, 7358	4.9	o
7	Microsurgical Ligation of Residual Fistulous Arteriovenous Shunt From a Radicular Artery to a Thoracic Arteriovenous Malformation: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , <b>2019</b> , 17, E206-E207	1.6	
6	Re: The influence of angioarchitecture on management of pediatric intracranial arteriovenous malformations. <i>Journal of NeuroInterventional Surgery</i> , <b>2016</b> , 8, e11-2	7.8	
5	Dynamic Changes in Arteriovenous Malformations (AVMs): Spontaneous Growth and Resolution of AVM-Associated Aneurysms in Two Pediatric Patients. <i>Pediatric Neurosurgery</i> , <b>2019</b> , 54, 394-398	0.9	
4	C-terminal FGF23 fragments: present but not seen?. <i>Osteoporosis International</i> , <b>2013</b> , 24, 1933-4	5.3	
3	Factors associated with increasing vascular stiffness in PD. <i>Nephrology Dialysis Transplantation</i> , <b>2011</b> , 26, 2060-1; author reply 2061	4.3	
2	Predictors of progression in radiation-induced versus nonradiation-induced pediatric meningiomas: a large single-institution surgical experience. <i>Journal of Neurosurgery: Pediatrics</i> , <b>2021</b> , 1-7	2.1	
1	Case Report: Cerebral Revascularization in a Child With Mucopolysaccharidosis Type I. <i>Frontiers in Pediatrics</i> , <b>2021</b> , 9, 606905	3.4	