

# Edward R Smith

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

137  
papers

3,288  
citations

33  
h-index

52  
g-index

153  
ext. papers

4,177  
ext. citations

5.4  
avg, IF

5.8  
L-index

| #   | Paper  | IF   | Citations |
|-----|--|------|-----------|
| 137 | 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  | 0         |
| 136 | Cerebrovascular Disease Progression in Patients With Arg179 Pathogenic Variants. <i>Neurology</i> , <b>2021</b> , 96, e538-e552  | 6.5  | 5         |
| 135 | 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         |
| 134 | Non-invasive Urinary Biomarkers in Moyamoya Disease. <i>Frontiers in Neurology</i> , <b>2021</b> , 12, 661952  | 4.1  | 0         |
| 133 | Reduction of Calciprotein Particles in Adults Receiving Infliximab for Chronic Inflammatory Disease. <i>JBMR Plus</i> , <b>2021</b> , 5, e10497  | 3.9  | 1         |
| 132 | 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         |
| 131 | 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  |           |
| 130 | Case Report: Cerebral Revascularization in a Child With Mucopolysaccharidosis Type I. <i>Frontiers in Pediatrics</i> , <b>2021</b> , 9, 606905   | 3.4  |           |
| 129 | HBEGF: an EGF-like growth factor with FGF23-like activity?. <i>Kidney International</i> , <b>2021</b> , 99, 539-542  | 9.9  | 0         |
| 128 | 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        |
| 127 | Scoliosis with Chiari I malformation without associated syringomyelia. <i>Spine Deformity</i> , <b>2021</b> , 9, 1105-1113   |      | 0         |
| 126 | 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        |
| 125 | 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         |
| 124 | Intracranial Vascular Abnormalities in Children. <i>Pediatric Clinics of North America</i> , <b>2021</b> , 68, 825-843   | 3.6  | 1         |
| 123 | DIAPH1 Variants in Non-East Asian Patients With Sporadic Moyamoya Disease. <i>JAMA Neurology</i> , <b>2021</b> , 78, 993-1003  | 17.2 | 7         |
| 122 | Introduction. Translational research advances in the evaluation and management of moyamoya disease. <i>Neurosurgical Focus</i> , <b>2021</b> , 51, E1  | 4.2  | 0         |
| 121 | Ivy sign: a diagnostic and prognostic biomarker for pediatric moyamoya.. <i>Journal of Neurosurgery: Pediatrics</i> , <b>2021</b> , 1-9  | 2.1  | 0         |

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|-----|---|------|----|
| 120 | 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 |
| 119 | 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 |
| 118 | Calciprotein particles: mineral behaving badly?. <i>Current Opinion in Nephrology and Hypertension</i> , <b>2020</b> , 29, 378-386  | 3.5  | 10 |
| 117 | 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  |
| 116 | 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 |
| 115 | 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 |
| 114 | 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 |
| 113 | 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  |
| 112 | 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 |
| 111 | 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  |
| 110 | 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  |
| 109 | TGF- $\beta$ 1 is a regulator of the pyruvate dehydrogenase complex in fibroblasts. <i>Scientific Reports</i> , <b>2020</b> , 10, 17914   | 4.9  | 6  |
| 108 | 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 |
| 107 | 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 |
| 106 | ITGA2 as a potential nanotherapeutic target for glioblastoma. <i>Scientific Reports</i> , <b>2019</b> , 9, 6195   | 4.9  | 27 |
| 105 | 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  |    |
| 104 | Pre-analytical stability of FGF23 with the contemporary immunoassays. <i>Clinica Chimica Acta</i> , <b>2019</b> , 493, 104-106  | 6.2  | 10 |
| 103 | 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 |

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|-----|---|------|----|
| 102 | 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  |
| 101 | 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  |
| 100 | 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  |
| 99  | 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  |
| 98  | Wnt3-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 |
| 97  | 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  |
| 96  | 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  |    |
| 95  | 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 |
| 94  | 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 |
| 93  | 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  |
| 92  | Clinical status and evolution in moyamoya: which angiographic findings correlate?. <i>Brain Communications</i> , <b>2019</b> , 1, fcz029  | 4.5  | 4  |
| 91  | 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 |
| 90  | Diagnostic Tests for Vascular Calcification. <i>Advances in Chronic Kidney Disease</i> , <b>2019</b> , 26, 445-463  | 4.7  | 13 |
| 89  | Somatic mutations in intracranial arteriovenous malformations. <i>PLoS ONE</i> , <b>2019</b> , 14, e0226852   | 3.7  | 30 |
| 88  | 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 |
| 87  | 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 |
| 86  | Whole Exome Sequencing Reveals a Monogenic Cause of Disease in 43% of 35 Families With Midaortic Syndrome. <i>Hypertension</i> , <b>2018</b> , 71, 691-699  | 8.5  | 12 |
| 85  | Biochemical transformation of calciprotein particles in uraemia. <i>Bone</i> , <b>2018</b> , 110, 355-367   | 4.7  | 35 |

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|----|---|------|----|
| 84 | 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 |
| 83 | 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 |
| 82 | 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 |
| 81 | 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 |
| 80 | 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 |
| 79 | 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 |
| 78 | 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  |
| 77 | 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 |
| 76 | 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  |
| 75 | 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 |
| 74 | 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  |
| 73 | 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 |
| 72 | 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 |
| 71 | 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 |
| 70 | FGF23 is synthesised locally by renal tubules and activates injury-primed fibroblasts. <i>Scientific Reports</i> , <b>2017</b> , 7, 3345  | 4.9  | 56 |
| 69 | 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 |
| 68 | 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 |
| 67 | Soluble klotho may be a marker of phosphate reabsorption. <i>CKJ: Clinical Kidney Journal</i> , <b>2017</b> , 10, 397-404   | 4.5  | 9  |

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|----|---|-----|-----|
| 66 | 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  |
| 65 | 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  |
| 64 | 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 |     |
| 63 | 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   |
| 62 | 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 |
| 61 | 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  |
| 60 | 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  |
| 59 | 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   |
| 58 | 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  |
| 57 | 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  |
| 56 | 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  |
| 55 | The role of fetuin-A in mineral trafficking and deposition. <i>BoneKEy Reports</i> , <b>2015</b> , 4, 672   |     | 36  |
| 54 | Assessing the utility of testing aluminum levels in dialysis patients. <i>Hemodialysis International</i> , <b>2015</b> , 19, 256-62   | 1.7 | 8   |
| 53 | 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  |
| 52 | 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  |
| 51 | Moyamoya: defining current knowledge gaps. <i>Developmental Medicine and Child Neurology</i> , <b>2015</b> , 57, 786-7  | 3.3 | 19  |
| 50 | 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  |
| 49 | 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   |

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|----|---|------|-----|
| 48 | The best of both world, how a &quot;Christmas tree&quot; TEM can please biologist and material scientists. <i>Microscopy and Microanalysis</i> , <b>2015</b> , 21, 913-914  | 0.5  | 1   |
| 47 | Diurnal variation and short-term pre-analytical stability of serum soluble $\beta$ kloto in healthy volunteers: a pilot study. <i>Annals of Clinical Biochemistry</i> , <b>2015</b> , 52, 506-9   | 2.2  | 3   |
| 46 | Moyamoya syndrome associated with Alagille syndrome: outcome after surgical revascularization. <i>Journal of Pediatrics</i> , <b>2015</b> , 166, 470-3  | 3.6  | 22  |
| 45 | 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   |
| 44 | The importance of klotho in phosphate metabolism and kidney disease. <i>Nephrology</i> , <b>2014</b> , 19, 439-49   | 2.2  | 24  |
| 43 | 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  |
| 42 | 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 |
| 41 | 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   |
| 40 | Fibroblast growth factor 23. <i>Annals of Clinical Biochemistry</i> , <b>2014</b> , 51, 203-27  | 2.2  | 37  |
| 39 | Qualitative and quantitative analysis of fibrosis in the kidney. <i>Nephrology</i> , <b>2014</b> , 19, 721-6  | 2.2  | 14  |
| 38 | 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  |
| 37 | Management of brain arteriovenous malformations. <i>Lancet, The</i> , <b>2014</b> , 383, 1635   | 40   | 15  |
| 36 | C-terminal FGF23 fragments: present but not seen?. <i>Osteoporosis International</i> , <b>2013</b> , 24, 1933-4   | 5.3  |     |
| 35 | FGF23: instability may affect accuracy and interpretation. <i>Osteoporosis International</i> , <b>2013</b> , 24, 1135-6   | 5.3  | 1   |
| 34 | 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  |
| 33 | Cystatin C - More than a filtration marker?. <i>Atherosclerosis</i> , <b>2013</b> , 230, 73-5   | 3.1  | 7   |
| 32 | 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  |
| 31 | 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  |

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|----|---|-----|-----|
| 30 | 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  |
| 29 | 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  |
| 28 | Large vessel calcification in Takayasu arteritis. <i>Internal Medicine Journal</i> , <b>2013</b> , 43, 584-7  | 1.6 | 7   |
| 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 | Fetuin-A-containing calciprotein particles reduce mineral stress in the macrophage. <i>PLoS ONE</i> , <b>2013</b> , 8, e60904   | 3.7 | 107 |
| 25 | 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   |
| 24 | 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  |
| 23 | 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 |
| 22 | 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  |
| 21 | 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   |
| 20 | 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  |
| 19 | Hyperparathyroidism in chronic kidney disease: complexities within the commonplace. <i>Clinical Medicine</i> , <b>2012</b> , 12, 333-7  | 1.9 | 1   |
| 18 | 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 |
| 17 | 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  |
| 16 | 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  |
| 15 | 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  |
| 14 | 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  |
| 13 | Factors associated with increasing vascular stiffness in PD. <i>Nephrology Dialysis Transplantation</i> , <b>2011</b> , 26, 2060-1; author reply 2061   | 4.3 |     |



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| 12 | Analytical considerations in the investigation of mixed cryoglobulinemia. <i>Clinical Chemistry</i> , <b>2010</b> , 56, 139-40; author reply 140  | 5.5  | 3  |
| 11 | 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 |
| 10 | Moyamoya: epidemiology, presentation, and diagnosis. <i>Neurosurgery Clinics of North America</i> , <b>2010</b> , 21, 543-51  | 4    | 57 |
| 9  | 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 |
| 8  | Cavernous malformations. <i>Neurosurgery Clinics of North America</i> , <b>2010</b> , 21, 483-90  | 4    | 27 |
| 7  | Important differences in measurement of fetuin-A. <i>Annals of Internal Medicine</i> , <b>2010</b> , 153, 419; author reply 419-20  | 8    | 8  |
| 6  | 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 |
| 5  | 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  |
| 4  | 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 |
| 3  | Progression of disease in unilateral moyamoya syndrome. <i>Neurosurgical Focus</i> , <b>2008</b> , 24, E17  | 4.2  | 93 |
| 2  | 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 |
| 1  | 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 |