

Anthony K C Chan

List of Publications by Citations

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350
papers

11,753
citations

55
h-index

101
g-index

385
ext. papers

13,509
ext. citations

4.3
avg, IF

5.99
L-index

#	Paper	IF	Citations
350	Antithrombotic therapy in neonates and children: Antithrombotic Therapy and Prevention of Thrombosis, 9th ed: American College of Chest Physicians Evidence-Based Clinical Practice Guidelines. <i>Chest</i> , 2012 , 141, e737S-e801S	5.3	927
349	Antithrombotic therapy in neonates and children: American College of Chest Physicians Evidence-Based Clinical Practice Guidelines (8th Edition). <i>Chest</i> , 2008 , 133, 887S-968S	5.3	501
348	Developmental haemostasis. Impact for clinical haemostasis laboratories. <i>Thrombosis and Haemostasis</i> , 2006 , 95, 362-72	7	387
347	Antithrombotic therapy in children: the Seventh ACCP Conference on Antithrombotic and Thrombolytic Therapy. <i>Chest</i> , 2004 , 126, 645S-687S	5.3	317
346	Impact of thrombophilia on risk of arterial ischemic stroke or cerebral sinovenous thrombosis in neonates and children: a systematic review and meta-analysis of observational studies. <i>Circulation</i> , 2010 , 121, 1838-47	16.7	307
345	Chickenpox and stroke in childhood: a study of frequency and causation. <i>Stroke</i> , 2001 , 32, 1257-62	6.7	288
344	Guidance on the emergent reversal of oral thrombin and factor Xa inhibitors. <i>American Journal of Hematology</i> , 2012 , 87 Suppl 1, S141-5	7.1	280
343	Analysis of Warfarin Therapy in Pediatric Patients: A Prospective Cohort Study of 319 Patients. <i>Blood</i> , 1999 , 94, 3007-3014	2.2	261
342	The use of low molecular weight heparin in pediatric patients: a prospective cohort study. <i>Journal of Pediatrics</i> , 2000 , 136, 439-45	3.6	241
341	Impact of inherited thrombophilia on venous thromboembolism in children: a systematic review and meta-analysis of observational studies. <i>Circulation</i> , 2008 , 118, 1373-82	16.7	231
340	Prothrombotic disorders in infants and children with cerebral thromboembolism. <i>Archives of Neurology</i> , 1998 , 55, 1539-43		229
339	Consensus statements on the risk, prevention, and treatment of venous thromboembolism in inflammatory bowel disease: Canadian Association of Gastroenterology. <i>Gastroenterology</i> , 2014 , 146, 835-848.e6	13.3	205
338	An open-label randomized controlled trial of low molecular weight heparin for the prevention of central venous line-related thrombotic complications in children: the PROTEKT trial. <i>Thrombosis Research</i> , 2003 , 109, 101-8	8.2	192
337	A cross-sectional study evaluating post-thrombotic syndrome in children. <i>Thrombosis Research</i> , 2003 , 111, 227-33	8.2	158
336	American Society of Hematology 2018 Guidelines for management of venous thromboembolism: treatment of pediatric venous thromboembolism. <i>Blood Advances</i> , 2018 , 2, 3292-3316	7.8	150
335	Use of alteplase in childhood arterial ischaemic stroke: a multicentre, observational, cohort study. <i>Lancet Neurology</i> , 2009 , 8, 530-6	24.1	142
334	Anticoagulation therapy in pediatric patients with sinovenous thrombosis: a cohort study. <i>Archives of Neurology</i> , 1998 , 55, 1533-7		142

333	Prothrombotic conditions in an unselected cohort of children with venous thromboembolic disease. <i>Journal of Thrombosis and Haemostasis</i> , 2003 , 1, 915-21	15.4	138
332	Coagulation and Fibrinolytic Profile of Paediatric Patients Undergoing Cardiopulmonary Bypass. <i>Thrombosis and Haemostasis</i> , 1997 , 77, 270-277	7	131
331	Epidemiology and Outcomes of Arterial Ischemic Stroke in Children: The Canadian Pediatric Ischemic Stroke Registry. <i>Pediatric Neurology</i> , 2017 , 69, 58-70	2.9	130
330	Thrombolysis in pediatric stroke study. <i>Stroke</i> , 2015 , 46, 880-5	6.7	130
329	Clinical features and outcome of pulmonary embolism in children. <i>British Journal of Haematology</i> , 2008 , 142, 808-18	4.5	129
328	Cranio cervical arterial dissection in children: clinical and radiographic presentation and outcome. <i>Journal of Child Neurology</i> , 2006 , 21, 8-16	2.5	126
327	Anticoagulants in pediatric cerebral sinovenous thrombosis: a safety and outcome study. <i>Annals of Neurology</i> , 2010 , 67, 590-9	9.4	123
326	Mechanisms responsible for the failure of protamine to inactivate low-molecular-weight heparin. <i>British Journal of Haematology</i> , 2002 , 116, 178-86	4.5	122
325	Risk, clinical features, and outcomes of thrombosis associated with pediatric cardiac surgery. <i>Circulation</i> , 2011 , 124, 1511-9	16.7	116
324	Thrombosis in children with acute lymphoblastic leukemia: part I. Epidemiology of thrombosis in children with acute lymphoblastic leukemia. <i>Thrombosis Research</i> , 2003 , 111, 125-31	8.2	114
323	Thrombosis in children with acute lymphoblastic leukemia. Part II. Pathogenesis of thrombosis in children with acute lymphoblastic leukemia: effects of the disease and therapy. <i>Thrombosis Research</i> , 2003 , 111, 199-212	8.2	110
322	Neonatal renal vein thrombosis: review of the English-language literature between 1992 and 2006. <i>Pediatrics</i> , 2007 , 120, e1278-84	7.4	109
321	Risk of Recurrent Arterial Ischemic Stroke in Childhood: A Prospective International Study. <i>Stroke</i> , 2016 , 47, 53-9	6.7	101
320	Epidemiology and clinical risk factors predisposing to thromboembolism in children with cancer. <i>Pediatric Blood and Cancer</i> , 2008 , 51, 792-7	3	95
319	Arteriopathy diagnosis in childhood arterial ischemic stroke: results of the vascular effects of infection in pediatric stroke study. <i>Stroke</i> , 2014 , 45, 3597-605	6.7	94
318	Age-related differences in heparin response. <i>Thrombosis Research</i> , 2006 , 118, 741-5	8.2	92
317	Monitoring Unfractionated Heparin (UFH) therapy: which Anti-Factor Xa assay is appropriate?. <i>Thrombosis Research</i> , 2007 , 120, 347-51	8.2	90
316	Enoxaparin for neonatal thrombosis: a call for a higher dose for neonates. <i>Thrombosis Research</i> , 2008 , 122, 826-30	8.2	83

315	Emergence of the primary pediatric stroke center: impact of the thrombolysis in pediatric stroke trial. <i>Stroke</i> , 2014 , 45, 2018-23	6.7	78
314	RESEARCH COLLABORATION WITHIN A DEPARTMENT OF PEDIATRICS: A SOCIAL NETWORK ANALYSIS OF COAUTHORSHIP PATTERNS. <i>Paediatrics and Child Health</i> , 2018 , 23, e58-e58	0.7	78
313	Thromboembolism in children with acute lymphoblastic leukaemia treated on Dana-Farber Cancer Institute protocols: effect of age and risk stratification of disease. <i>British Journal of Haematology</i> , 2005 , 129, 803-10	4.5	76
312	Fetal and neonatal outcome of exposure to anticoagulants during pregnancy. <i>American Journal of Medical Genetics Part A</i> , 1993 , 45, 17-21		76
311	Thrombolysis in acute childhood stroke: design and challenges of the thrombolysis in pediatric stroke clinical trial. <i>Neuroepidemiology</i> , 2009 , 32, 279-86	5.4	75
310	Rivaroxaban compared with standard anticoagulants for the treatment of acute venous thromboembolism in children: a randomised, controlled, phase 3 trial. <i>Lancet Haematology</i> , 2020 , 7, e18-e27	14.6	74
309	Protein adsorption on polyurethane catheters modified with a novel antithrombin-heparin covalent complex. <i>Journal of Biomedical Materials Research - Part A</i> , 2007 , 80, 216-25	5.4	72
308	Validity, reliability, and responsiveness of a new measure of health-related quality of life in children with immune thrombocytopenic purpura: the Kids' ITP Tools. <i>Journal of Pediatrics</i> , 2007 , 150, 510-5, 515.e1	3.6	71
307	Blood-compatible biomaterials by surface coating with a novel antithrombin-heparin covalent complex. <i>Biomaterials</i> , 2002 , 23, 527-35	15.6	71
306	Capillary whole blood monitoring of oral anticoagulants in children in outpatient clinics and the home setting. <i>Pediatric Cardiology</i> , 2000 , 21, 347-52	2.1	71
305	Clotting factor concentrates given to prevent bleeding and bleeding-related complications in people with hemophilia A or B. <i>The Cochrane Library</i> , 2011 , CD003429	5.2	70
304	Frequency, predictors, and neurologic outcomes of vaso-occlusive strokes associated with cardiac surgery in children. <i>Pediatrics</i> , 2008 , 122, 1292-8	7.4	67
303	A case series of 72 neonates with renal vein thrombosis. Data from the 1-800-NO-CLOTS Registry. <i>Thrombosis and Haemostasis</i> , 2004 , 92, 729-33	7	65
302	Enoxaparin use in the neonatal intensive care unit: experience over 8 years. <i>Pharmacotherapy</i> , 2007 , 27, 1263-71	5.8	64
301	Thromboembolic disease and antithrombotic therapy in newborns. <i>Hematology American Society of Hematology Education Program</i> , 2001 , 2001, 358-74	3.1	62
300	Natural history of arterial and venous thrombosis in children treated with low molecular weight heparin: a longitudinal study by ultrasound. <i>Journal of Thrombosis and Haemostasis</i> , 2004 , 2, 42-6	15.4	61
299	Prothrombotic disorders and ischemic stroke in children. <i>Seminars in Pediatric Neurology</i> , 2000 , 7, 301-8	2.9	60
298	Thrombotic complications and thromboprophylaxis across all three stages of single ventricle heart palliation. <i>Journal of Pediatrics</i> , 2012 , 161, 513-519.e3	3.6	59

297	Avoiding transfusions in children undergoing cardiac surgery: a meta-analysis of randomized trials of aprotinin. <i>Anesthesia and Analgesia</i> , 2006 , 102, 731-7	3.9	59
296	Thromboembolic complications in pediatric hematologic malignancies. <i>Seminars in Thrombosis and Hemostasis</i> , 2007 , 33, 416-26	5.3	56
295	Neonatal portal vein thrombosis: diagnosis and management. <i>Seminars in Fetal and Neonatal Medicine</i> , 2011 , 16, 329-39	3.7	55
294	Comparing hand-held computers and paper diaries for haemophilia home therapy: a randomized trial. <i>Haemophilia</i> , 2004 , 10, 698-704	3.3	55
293	Thromboembolism in children with sarcoma. <i>Pediatric Blood and Cancer</i> , 2007 , 49, 171-6	3	54
292	Neonatal cerebral sinovenous thrombosis: sifting the evidence for a diagnostic plan and treatment strategy. <i>Pediatrics</i> , 2010 , 126, e693-700	7.4	53
291	Systemic thromboembolism in children. Data from the 1-800-NO-CLOTS Consultation Service. <i>Thrombosis and Haemostasis</i> , 2004 , 92, 722-8	7	53
290	Paediatric cerebral sinovenous thrombosis: findings of the International Paediatric Stroke Study. <i>Archives of Disease in Childhood</i> , 2015 , 100, 174-9	2.2	52
289	Neonatal central venous catheter thrombosis: diagnosis, management and outcome. <i>Blood Coagulation and Fibrinolysis</i> , 2014 , 25, 97-106	1	51
288	Covalent antithrombin-heparin complexes with high anticoagulant activity. Intravenous, subcutaneous, and intratracheal administration. <i>Journal of Biological Chemistry</i> , 1997 , 272, 22111-7	5.4	50
287	The use of alteplase to restore patency of central venous lines in pediatric patients: a cohort study. <i>Journal of Pediatrics</i> , 2001 , 139, 152-6	3.6	50
286	Overexpression of the 78-kDa glucose-regulated protein/immunoglobulin-binding protein (GRP78/BiP) inhibits tissue factor procoagulant activity. <i>Journal of Biological Chemistry</i> , 2003 , 278, 17438-47	5.4	49
285	Increased anticardiolipin antibody IgG titers do not predict recurrent stroke or TIA in children. <i>Neurology</i> , 2004 , 62, 194-200	6.5	48
284	The fibrinolytic system in newborns and children. <i>Clinical Laboratory</i> , 2006 , 52, 115-24	2	46
283	Decreased Concentrations of Heparinoids Are Required to Inhibit Thrombin Generation in Plasma from Newborns and Children Compared to Plasma from Adults due to Reduced Thrombin Potential. <i>Thrombosis and Haemostasis</i> , 2002 , 87, 606-613	7	45
282	Impact of persistent antiphospholipid antibodies on risk of incident symptomatic thromboembolism in children: a systematic review and meta-analysis. <i>Seminars in Thrombosis and Hemostasis</i> , 2011 , 37, 802-9	5.3	44
281	Chronic performance of polyurethane catheters covalently coated with ATH complex: a rabbit jugular vein model. <i>Biomaterials</i> , 2006 , 27, 5107-17	15.6	44
280	Adsorption of proteins from infant and adult plasma to biomaterial surfaces. <i>Journal of Biomedical Materials Research Part B</i> , 2002 , 60, 622-32		43

279	Longer blood storage is associated with suboptimal outcomes in high-risk pediatric cardiac surgery. <i>Annals of Thoracic Surgery</i> , 2012 , 93, 1563-9	2.7	42
278	Thromboembolism in children with lymphoma. <i>Thrombosis Research</i> , 2008 , 122, 459-65	8.2	41
277	Thrombosis in children with malignancy. <i>Current Opinion in Pediatrics</i> , 2006 , 18, 1-9	3.2	41
276	Dose-finding and pharmacokinetic profiles of prophylactic doses of a low molecular weight heparin (reviparin-sodium) in pediatric patients. <i>Thrombosis Research</i> , 2003 , 109, 93-9	8.2	41
275	Utility of aPTT in monitoring unfractionated heparin in children. <i>Thrombosis Research</i> , 2008 , 122, 135-6	8.2	40
274	Investigation of the anticoagulant mechanisms of a covalent antithrombin-heparin complex. <i>Journal of Biological Chemistry</i> , 1998 , 273, 34730-6	5.4	40
273	Long-acting recombinant fusion protein linking coagulation factor IX with albumin (rIX-FP) in children. Results of a phase 3 trial. <i>Thrombosis and Haemostasis</i> , 2016 , 116, 659-68	7	40
272	First prospective report on immune tolerance in poor risk haemophilia A inhibitor patients with a single factor VIII/von Willebrand factor concentrate in an observational immune tolerance induction study. <i>Haemophilia</i> , 2016 , 22, 87-95	3.3	40
271	Randomized, controlled trial of individualized heparin and protamine management in infants undergoing cardiac surgery with cardiopulmonary bypass. <i>Journal of the American College of Cardiology</i> , 2010 , 56, 1794-802	15.1	38
270	Urgent clinical challenges in children with ischemic stroke: analysis of 1065 patients from the 1-800-NOCLOTS pediatric stroke telephone consultation service. <i>Stroke</i> , 2006 , 37, 116-22	6.7	38
269	Thrombosis and thromboembolic complications in fontan patients: a literature review. <i>Clinical and Applied Thrombosis/Hemostasis</i> , 2014 , 20, 484-92	3.3	37
268	Musculoskeletal health of subjects with hemophilia A treated with tailored prophylaxis: Canadian Hemophilia Primary Prophylaxis (CHPS) Study. <i>Journal of Thrombosis and Haemostasis</i> , 2013 , 11, 460-6	15.4	37
267	Thrombosis in children with acute lymphoblastic leukemia Part III. Pathogenesis of thrombosis in children with acute lymphoblastic leukemia: effects of host environment. <i>Thrombosis Research</i> , 2003 , 111, 321-7	8.2	37
266	Updates in thrombosis in pediatrics: where are we after 20 years?. <i>Hematology American Society of Hematology Education Program</i> , 2012 , 2012, 439-443	3.1	35
265	Stroke in children with cardiac disease: report from the International Pediatric Stroke Study Group Symposium. <i>Pediatric Neurology</i> , 2015 , 52, 5-15	2.9	34
264	Surface modification with an antithrombin-heparin complex for anticoagulation: studies on a model surface with gold as substrate. <i>Acta Biomaterialia</i> , 2010 , 6, 2911-9	10.8	34
263	Pediatric thrombophilia. <i>Pediatric Clinics of North America</i> , 2013 , 60, 1443-62	3.6	33
262	Immobilization of an antithrombin-heparin complex on gold: anticoagulant properties and platelet interactions. <i>Acta Biomaterialia</i> , 2011 , 7, 2029-34	10.8	33

261	In vivo rabbit acute model tests of polyurethane catheters coated with a novel antithrombin-heparin covalent complex. <i>Thrombosis and Haemostasis</i> , 2005 , 94, 366-72	7	32
260	Modification of polyurethane surface with an antithrombin-heparin complex for blood contact: influence of molecular weight of polyethylene oxide used as a linker/spacer. <i>Langmuir</i> , 2012 , 28, 2099-106	4	31
259	Reversal of new, factor-specific oral anticoagulants by rFVIIa, prothrombin complex concentrate and activated prothrombin complex concentrate: a review of animal and human studies. <i>Thrombosis Research</i> , 2014 , 133, 705-13	8.2	30
258	Varied opinions on thrombolysis for venous thromboembolism in infants and children: findings from a survey of pediatric hematology-oncology specialists. <i>Pediatric Blood and Cancer</i> , 2009 , 53, 960-6	3	30
257	Antithrombin-heparin covalent complex: a possible alternative to heparin for arterial thrombosis prevention. <i>Circulation</i> , 2002 , 106, 261-5	16.7	30
256	Inflammatory Biomarkers in Childhood Arterial Ischemic Stroke: Correlates of Stroke Cause and Recurrence. <i>Stroke</i> , 2016 , 47, 2221-8	6.7	29
255	Neonatal and childhood right atrial thrombosis: recognition and a risk-stratified treatment approach. <i>Blood Coagulation and Fibrinolysis</i> , 2010 , 21, 301-7	1	28
254	Exercise-induced deep vein thrombosis of the upper extremity. 1. Literature review. <i>Acta Haematologica</i> , 2006 , 115, 214-20	2.7	28
253	Cerebral sinus venous thrombosis during childhood acute lymphoblastic leukemia therapy: Risk factors and management. <i>Pediatric Blood and Cancer</i> , 2017 , 64, e26694	3	27
252	Stability and sterility of recombinant tissue plasminogen activator at -30 degrees C. <i>Lancet, The</i> , 2000 , 355, 2221-2	40	27
251	Tailored frequency-escalated primary prophylaxis for severe haemophilia A: results of the 16-year Canadian Hemophilia Prophylaxis Study longitudinal cohort. <i>Lancet Haematology,the</i> , 2018 , 5, e252-e260	14.6	26
250	Central venous line dysfunction is an independent predictor of poor survival in children with cancer. <i>Journal of Pediatric Hematology/Oncology</i> , 2012 , 34, 188-93	1.2	24
249	Thromboembolism in infants and children with gastrointestinal failure receiving long-term parenteral nutrition. <i>Journal of Parenteral and Enteral Nutrition</i> , 2008 , 32, 88-93	4.2	24
248	Hemorrhagic complications in pediatric hematologic malignancies. <i>Seminars in Thrombosis and Hemostasis</i> , 2007 , 33, 408-15	5.3	24
247	Binding of heparin to plasma proteins and endothelial surfaces is inhibited by covalent linkage to antithrombin. <i>Thrombosis and Haemostasis</i> , 2004 , 91, 1009-18	7	24
246	To anticoagulate? Controversy in the management of thrombotic complications of head & neck infections. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2016 , 88, 129-35	1.7	24
245	Evaluation of the use of low-molecular-weight heparin in neonates: a retrospective, single-center study. <i>Clinical and Applied Thrombosis/Hemostasis</i> , 2013 , 19, 488-93	3.3	23
244	Updates in thrombosis in pediatrics: where are we after 20 years?. <i>Hematology American Society of Hematology Education Program</i> , 2012 , 2012, 439-43	3.1	23

243	Challenges and priorities for research: a report from the National Heart, Lung, and Blood Institute (NHLBI)/National Institutes of Health (NIH) Working Group on thrombosis in pediatric cardiology and congenital heart disease. <i>Circulation</i> , 2014 , 130, 1192-203	16.7	22
242	Diagnosis and treatment of intracranial hemorrhage in children with hemophilia. <i>Blood Coagulation and Fibrinolysis</i> , 2013 , 24, 23-7	1	22
241	Thrombosis and embolism in pediatric cardiomyopathy. <i>Blood Coagulation and Fibrinolysis</i> , 2013 , 24, 221-30	1	22
240	Novel paediatric anticoagulants: a review of the current literature. <i>Blood Coagulation and Fibrinolysis</i> , 2010 , 21, 144-51	1	22
239	Practical model-based dose finding in early-phase clinical trials: optimizing tissue plasminogen activator dose for treatment of ischemic stroke in children. <i>Stroke</i> , 2008 , 39, 2627-36	6.7	22
238	Challenges with heparin-based anticoagulation during cardiopulmonary bypass in children: Impact of low antithrombin activity. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016 , 151, 444-50	1.5	21
237	Safety of anticoagulants in children with arterial ischemic stroke. <i>Blood</i> , 2012 , 119, 949-56	2.2	21
236	Artificial placenta--lung assist devices for term and preterm newborns with respiratory failure. <i>International Journal of Artificial Organs</i> , 2013 , 36, 377-91	1.9	21
235	Binding of heparin to metals. <i>Cell Biochemistry and Biophysics</i> , 2011 , 59, 171-8	3.2	21
234	Anticoagulation therapy in children. <i>Seminars in Thrombosis and Hemostasis</i> , 2003 , 29, 425-32	5.3	21
233	Rivaroxaban for treatment of pediatric venous thromboembolism. An Einstein-Jr phase 3 dose-exposure-response evaluation. <i>Journal of Thrombosis and Haemostasis</i> , 2020 , 18, 1672-1685	15.4	20
232	Sedentary Time and Screen-Based Sedentary Behaviors of Children With a Chronic Disease. <i>Pediatric Exercise Science</i> , 2015 , 27, 219-25	2	20
231	Glycolytic ATP fuels the plasma membrane calcium pump critical for pancreatic cancer cell survival. <i>Journal of Biological Chemistry</i> , 2013 , 288, 36007-19	5.4	20
230	Management of myocardial infarction in children with Kawasaki disease. <i>Blood Coagulation and Fibrinolysis</i> , 2010 , 21, 620-31	1	20
229	The effects of chemotherapeutic agents on the regulation of thrombin on cell surfaces. <i>British Journal of Haematology</i> , 2003 , 120, 315-24	4.5	20
228	Mortality After Pediatric Arterial Ischemic Stroke. <i>Pediatrics</i> , 2018 , 141,	7.4	19
227	Spontaneous neonatal arterial thromboembolism: infants at risk, diagnosis, treatment, and outcomes. <i>Blood Coagulation and Fibrinolysis</i> , 2013 , 24, 787-97	1	19
226	Risk factors for central venous catheter-related thrombosis in children: a retrospective analysis. <i>Blood Coagulation and Fibrinolysis</i> , 2016 , 27, 384-8	1	19

225	Surface modification of poly(dimethylsiloxane) with a covalent antithrombin-heparin complex for the prevention of thrombosis: use of polydopamine as bonding agent. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 6032-6036	7.3	18
224	The use of elastic compression stockings for post-thrombotic syndrome in a child. <i>Pediatric Blood and Cancer</i> , 2009 , 53, 462-3	3	18
223	Mechanisms responsible for catalysis of the inhibition of factor Xa or thrombin by antithrombin using a covalent antithrombin-heparin complex. <i>Journal of Biological Chemistry</i> , 2003 , 278, 23398-409	5.4	18
222	Morphologic and biochemical features affecting the antithrombotic properties of the inferior vena cava of rabbit pups and adult rabbits. <i>Pediatric Research</i> , 1998 , 43, 62-7	3.2	18
221	Myocardial Infarction in Neonates: A Review of an Entity with Significant Morbidity and Mortality. <i>Pediatric Cardiology</i> , 2017 , 38, 427-441	2.1	17
220	Surface modification of polydimethylsiloxane with a covalent antithrombin-heparin complex to prevent thrombosis. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2014 , 25, 786-801	3.5	17
219	Polyurethane modified with an antithrombin-heparin complex via polyethylene oxide linker/spacers: influence of PEO molecular weight and PEO-ATH bond on catalytic and direct anticoagulant functions. <i>Journal of Biomedical Materials Research - Part A</i> , 2012 , 100, 2821-8	5.4	17
218	Inhibition of fibrin-bound thrombin by a covalent antithrombin-heparin complex. <i>Journal of Biochemistry</i> , 2002 , 132, 167-76	3.1	17
217	Exploratory evaluation of pharmacodynamics, pharmacokinetics and safety of rivaroxaban in children and adolescents: an EINSTEIN-Jr phase I study. <i>Thrombosis Journal</i> , 2018 , 16, 31	5.6	17
216	Pediatric superior vena cava syndrome: An evidence-based systematic review of the literature. <i>Pediatric Blood and Cancer</i> , 2018 , 65, e27225	3	17
215	Anticoagulation therapy in neonates, children and adolescents. <i>Blood Cells, Molecules, and Diseases</i> , 2017 , 67, 41-47	2.1	16
214	Factor XIII deficiency management: a review of the literature. <i>Blood Coagulation and Fibrinolysis</i> , 2014 , 25, 199-205	1	16
213	Carotid artery dissections: thrombosis of the false lumen. <i>Thrombosis Research</i> , 2011 , 128, 317-24	8.2	16
212	Exercise-induced deep vein thrombosis of the upper extremity. 2. A case series in children. <i>Acta Haematologica</i> , 2006 , 115, 221-9	2.7	16
211	Reversal of anti-thrombin activity using protamine sulfate. Experience in a neonate with a 10-fold overdose of enoxaparin. <i>Thrombosis Research</i> , 2007 , 120, 303-5	8.2	16
210	Fibrinolytic response to venous occlusion is decreased in patients after Kawasaki disease. <i>Blood Coagulation and Fibrinolysis</i> , 2003 , 14, 181-6	1	16
209	Low-molecular-weight heparin in pediatric patients. <i>Seminars in Thrombosis and Hemostasis</i> , 2004 , 30 Suppl 1, 31-9	5.3	16
208	The association of platelets with failed patent ductus arteriosus closure after a primary course of indomethacin or ibuprofen: a systematic review and meta-analysis. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2017 , 30, 127-133	2	15

207	Rivaroxaban versus standard anticoagulation for acute venous thromboembolism in childhood. Design of the EINSTEIN-Jr phase III study. <i>Thrombosis Journal</i> , 2018 , 16, 34	5.6	15
206	Clinical presentation and molecular basis of congenital antithrombin deficiency in children: a cohort study. <i>British Journal of Haematology</i> , 2014 , 166, 130-9	4.5	14
205	Patent foramen ovale and stroke in childhood: A systematic review of the literature. <i>European Journal of Paediatric Neurology</i> , 2016 , 20, 500-11	3.8	14
204	What should men living with severe haemophilia need to know? The perspectives of Canadian haemophilia health care providers. <i>Haemophilia</i> , 2013 , 19, 503-10	3.3	13
203	Supportive care in pediatric cancer: the road to prevention of thrombosis. <i>Seminars in Thrombosis and Hemostasis</i> , 2014 , 40, 371-81	5.3	13
202	Thrombosis in children. <i>Seminars in Thrombosis and Hemostasis</i> , 2011 , 37, 763-1	5.3	13
201	Venous thrombosis in children. <i>Expert Review of Cardiovascular Therapy</i> , 2008 , 6, 411-8	2.5	13
200	What should men living with haemophilia need to know? The perspectives of Canadian men with haemophilia. <i>Haemophilia</i> , 2014 , 20, 219-25	3.3	12
199	Thrombosis in children with acute lymphoblastic leukemia treated at a tertiary care center in Lebanon: revisiting the role of predictive models. <i>Pediatric Hematology and Oncology</i> , 2011 , 28, 676-81	1.7	12
198	von Willebrand factor and thrombin activation in children with newly diagnosed acute lymphoblastic leukemia: an impact of peripheral blasts. <i>Pediatric Blood and Cancer</i> , 2010 , 54, 963-9	3	12
197	Chronic immune thrombocytopenic purpura in children: a survey of the canadian experience. <i>Journal of Pediatric Hematology/Oncology</i> , 2007 , 29, 95-100	1.2	12
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