

Pimlak Charoenkwan

List of Publications by Year in Descending Order

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Version: 2024-04-27

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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.

103
papers

1,485
citations

19
h-index

36
g-index

108
ext. papers

1,714
ext. citations

2.9
avg, IF

3.95
L-index

#	Paper	IF	Citations
103	Clinical outcomes and screening for organ involvement in pediatric Langerhans cell histiocytosis in Thailand: multicenter study on behalf of the Thai Pediatric Oncology Group.. <i>International Journal of Hematology</i> , 2022 , 115, 563	2.3	
102	Coinherited Hemoglobin H/Constant Spring Disease and Heterozygous Hemoglobin Tak Causing Severe Hemolytic Anemia in a Thai Boy. <i>Journal of Pediatric Hematology/Oncology</i> , 2021 , 43, e723-e726	1.2	
101	Screening for Iron Deficiency Anemia in Infants in a Thalassemia-endemic Region. <i>Journal of Pediatric Hematology/Oncology</i> , 2021 , 43, e11-e14	1.2	0
100	The association between pre-transfusion hemoglobin levels and thalassemia complications. <i>Hematology</i> , 2021 , 26, 1-8	2.2	1
99	Correlation Between Serum Ferritin and Viral Hepatitis in Thalassemia Patients. <i>Hemoglobin</i> , 2021 , 45, 175-179	0.6	2
98	Severe neonatal haemolytic anaemia caused by compound heterozygous KLF1 mutations: report of four families and literature review. <i>British Journal of Haematology</i> , 2021 , 194, 626-634	4.5	1
97	Early detection of ventricular dysfunction by tissue Doppler echocardiography related to cardiac iron overload in patients with thalassemia. <i>International Journal of Cardiovascular Imaging</i> , 2021 , 37, 91-98 ⁵	2.5	1
96	Resilience in adolescents with thalassemia. <i>Pediatric Hematology and Oncology</i> , 2021 , 38, 124-133	1.7	0
95	Carvedilol improves left ventricular diastolic dysfunction in patients with transfusion-dependent thalassemia. <i>Annals of Pediatric Cardiology</i> , 2021 , 14, 152-158	0.8	
94	Correlation of hepcidin and serum ferritin levels in thalassemia patients at Chiang Mai University Hospital. <i>Bioscience Reports</i> , 2021 , 41,	4.1	3
93	Telomere shortening correlates with disease severity in hemoglobin H disease patients. <i>Blood Cells, Molecules, and Diseases</i> , 2021 , 89, 102563	2.1	
92	In search of TP53 mutational hot spots for Li-Fraumeni syndrome in Asian populations. <i>Tropical Medicine and International Health</i> , 2021 , 26, 1401-1410	2.3	1
91	Gaucher disease: clinical phenotypes and refining GBA mutational spectrum in Thai patients.. <i>Orphanet Journal of Rare Diseases</i> , 2021 , 16, 519	4.2	0
90	Quantification of glucose-6-phosphate dehydrogenase activity by spectrophotometry: A systematic review and meta-analysis. <i>PLoS Medicine</i> , 2020 , 17, e1003084	11.6	16
89	Fetal haemoglobin H-Constant Spring disease: a role for intrauterine management. <i>British Journal of Haematology</i> , 2020 , 190, e233-e236	4.5	2
88	Leukocyte telomere length in patients with transfusion-dependent thalassemia. <i>BMC Medical Genomics</i> , 2020 , 13, 73	3.7	1
87	Compound heterozygosity of a silent beta-thalassemia mutation at the 3' untranslated region (HBB: c.*132 C>T) and beta-zero thalassemia results in thalassemia intermedia. <i>Pediatric Blood and Cancer</i> , 2020 , 67, e28157	3	1

86	Phase II, multi-center, open-label, single-arm clinical trial evaluating the efficacy and safety of Mycophenolate Mofetil in patients with high-grade locally advanced or metastatic osteosarcoma (ESMMO): rationale and design of the ESMMO trial. <i>BMC Cancer</i> , 2020 , 20, 268	4.8	10
85	Hematopoietic Stem Cell Transplantation for Severe Thalassemia Patients from Haploidentical Donors Using a Novel Conditioning Regimen. <i>Biology of Blood and Marrow Transplantation</i> , 2020 , 26, 1106-1112	4.7	20
84	Pediatric primary central nervous system tumors registry in Thailand under National Health Security Office schemes. <i>Journal of Neuro-Oncology</i> , 2020 , 149, 141-151	4.8	6
83	Cardiorenal syndrome in thalassemia patients. <i>BMC Nephrology</i> , 2020 , 21, 325	2.7	0
82	Quantification of glucose-6-phosphate dehydrogenase activity by spectrophotometry: A systematic review and meta-analysis 2020 , 17, e1003084		
81	Quantification of glucose-6-phosphate dehydrogenase activity by spectrophotometry: A systematic review and meta-analysis 2020 , 17, e1003084		
80	Quantification of glucose-6-phosphate dehydrogenase activity by spectrophotometry: A systematic review and meta-analysis 2020 , 17, e1003084		
79	Quantification of glucose-6-phosphate dehydrogenase activity by spectrophotometry: A systematic review and meta-analysis 2020 , 17, e1003084		
78	Quantification of glucose-6-phosphate dehydrogenase activity by spectrophotometry: A systematic review and meta-analysis 2020 , 17, e1003084		
77	The Effect of Transfusion-Dependent Thalassemia Patient's Serum on Peripheral Blood Mononuclear Cell Viability. <i>Journal of Cell Death</i> , 2019 , 12, 1179066018823534	1	1
76	Molecular characteristics of thalassemia and hemoglobin variants in prenatal diagnosis program in northern Thailand. <i>International Journal of Hematology</i> , 2019 , 110, 474-481	2.3	14
75	Flow Cytometric Test with Eosin-5-Maleimide for a Diagnosis of Hereditary Spherocytosis in a Newborn. <i>Case Reports in Hematology</i> , 2019 , 2019, 5925731	0.7	3
74	Prenatal diagnosis and management of homozygous hemoglobin constant spring disease. <i>Journal of Perinatology</i> , 2019 , 39, 927-933	3.1	6
73	Hyperuricemia, urine uric excretion, and associated complications in thalassemia patients. <i>Annals of Hematology</i> , 2019 , 98, 1101-1110	3	4
72	FLT3, a prognostic biomarker for acute myeloid leukemia (AML): Quantitative monitoring with a simple anti-FLT3 interaction and flow cytometric method. <i>Journal of Clinical Laboratory Analysis</i> , 2019 , 33, e22859	3	5
71	Discrepancy in the degree of polycythemia in a family with a novel nonsense EPOR mutation. <i>International Journal of Hematology</i> , 2019 , 110, 640-641	2.3	
70	Wilms tumor with dilated cardiomyopathy: A case report. <i>World Journal of Clinical Oncology</i> , 2019 , 10, 293-299	2.5	4
69	A Randomized, Open-Labeled, Prospective Controlled Study to Assess the Efficacy of Frontline Empirical Intravenous Piperacillin/Tazobactam Monotherapy in Comparison with Ceftazidime Plus Amikacin for Febrile Neutropenia in Pediatric Oncology Patients. <i>Asian Pacific Journal of Cancer Prevention</i> , 2019 , 20, 2722-2727	1.7	1

68	The Effect of Chronic Viral Hepatitis on Serum Ferritin Level in Thalassemia Patients. <i>Blood</i> , 2019 , 134, 4819-4819	2.2	
67	Factor-Associated Risk Factors of Mild Cognitive Impairment in Thalassemia Patients : Probable Role of FGF21. <i>Blood</i> , 2019 , 134, 2251-2251	2.2	
66	Unusual Presentation with Orbital Mass in a Child with Precursor B-Cell Acute Lymphoblastic Leukemia. <i>Case Reports in Hematology</i> , 2019 , 2019, 8264689	0.7	6
65	Borderline hemoglobin A levels in northern Thai population: HBB genotypes and effects of coinherited alpha-thalassemia. <i>Blood Cells, Molecules, and Diseases</i> , 2019 , 74, 13-17	2.1	9
64	Novel mutations in SPTA1 and SPTB identified by whole exome sequencing in eight Thai families with hereditary pyropoikilocytosis presenting with severe fetal and neonatal anaemia. <i>British Journal of Haematology</i> , 2019 , 185, 578-582	4.5	8
63	Calreticulin mutation analysis in non-mutated Janus kinase 2 essential thrombocythemia patients in Chiang Mai University: analysis of three methods and clinical correlations. <i>Hematology</i> , 2018 , 23, 613-619 ²	2.2	0
62	Vitamin D deficiency and its relationship with cardiac iron and function in patients with transfusion-dependent thalassemia at Chiang Mai University Hospital. <i>Pediatric Hematology and Oncology</i> , 2018 , 35, 52-59	1.7	4
61	R147W in PROC Gene Is a Risk Factor of Thromboembolism in Thai Children. <i>Clinical and Applied Thrombosis/Hemostasis</i> , 2018 , 24, 263-267	3.3	5
60	The Pros and Cons of Splenectomy in Transfusion Dependent Thalassemia Patient. <i>Blood</i> , 2018 , 132, 4901-4901	2.2	2
59	Prevalence and Risk Factors of Low Bone Mineral Density and Fractures of Young Thalassemia Patients. <i>Blood</i> , 2018 , 132, 3636-3636	2.2	1
58	Coinheritance of Hereditary Elliptocytosis and Deletional Hemoglobin H Disease. <i>Journal of Pediatric Hematology/Oncology</i> , 2017 , 39, e69-e70	1.2	1
57	High-resolution melting analysis for prenatal diagnosis of beta-thalassemia in northern Thailand. <i>International Journal of Hematology</i> , 2017 , 106, 757-764	2.3	17
56	Genotypes and phenotypes of protein S deficiency in Thai children with thromboembolism. <i>Pediatric Blood and Cancer</i> , 2017 , 64, e26301	3	
55	Adverse effects of imatinib in children with chronic myelogenous leukemia. <i>Pediatrics International</i> , 2017 , 59, 286-292	1.2	12
54	Secondary erythrocytosis caused by hemoglobin Tak/ β thalassaemia disease during pregnancy: A case report. <i>Journal of Obstetrics and Gynaecology</i> , 2017 , 37, 252-253	1.3	
53	A Longitudinal Study of Growth and Relation With Anemia and Iron Overload in Pediatric Patients With Transfusion-dependent Thalassemia. <i>Journal of Pediatric Hematology/Oncology</i> , 2016 , 38, 457-62	1.2	1
52	Gingival Bleeding and Bloody Dialysate: A Case Report of Scurvy in a Child With End-Stage Renal Disease Receiving Peritoneal Dialysis. <i>Journal of Renal Nutrition</i> , 2016 , 26, 407-411	3	12
51	Hematopoietic stem cell transplantation for homozygous β thalassemia and β thalassemia/hemoglobin E patients from haploidentical donors. <i>Bone Marrow Transplantation</i> , 2016 , 51, 813-8	4.4	72

50	Hypercoagulable state as demonstrated by thromboelastometry in hemoglobin E/beta-thalassemia patients: Association with clinical severity and splenectomy status. <i>Thrombosis Research</i> , 2016 , 140, 125-131	8.2	7
49	Heart Rate Variability for Early Detection of Cardiac Iron Deposition in Patients with Transfusion-Dependent Thalassemia. <i>PLoS ONE</i> , 2016 , 11, e0164300	3.7	12
48	Hemodynamic assessment of hydrops foetalis secondary to transient myeloproliferative disorder associated with foetal Down syndrome: A case report and literature review. <i>Journal of Obstetrics and Gynaecology</i> , 2016 , 36, 861-864	1.3	1
47	Iron overload in non-transfusion-dependent thalassemia: association with genotype and clinical risk factors. <i>International Journal of Hematology</i> , 2016 , 103, 643-8	2.3	10
46	Heart Rate Variability as an Alternative Indicator for Identifying Cardiac Iron Status in Non-Transfusion Dependent Thalassemia Patients. <i>PLoS ONE</i> , 2015 , 10, e0130837	3.7	18
45	Health-Related Quality of Life in Adolescents with Thalassemia. <i>Pediatric Hematology and Oncology</i> , 2015 , 32, 341-8	1.7	12
44	Replacement therapy in inherited factor VII deficiency: occurrence of adverse events and relation with surgery. <i>Haemophilia</i> , 2015 , 21, e513-7	3.3	14
43	Acute Non-Atherosclerotic ST-Segment Elevation Myocardial Infarction in an Adolescent with Concurrent Hemoglobin H-Constant Spring Disease and Polycythemia Vera. <i>Hematology Reports</i> , 2015 , 7, 5941	0.9	3
42	Prevalence and Risk Factors for Complications in Patients with Nontransfusion Dependent Alpha- and Beta-Thalassemia. <i>Anemia</i> , 2015 , 2015, 793025	1.6	10
41	Pulmonary hypertension in non-transfusion-dependent thalassemia: Correlation with clinical parameters, liver iron concentration, and non-transferrin-bound iron. <i>Hematology</i> , 2015 , 20, 610-7	2.2	9
40	Fetal anaemia from red blood cell membrane defect and co-inherited haemoglobin Constant Spring. <i>BMJ Case Reports</i> , 2015 , 2015,	0.9	
39	The correlation of Eglobin gene mutations and the XmnI polymorphism with clinical severity of Hb E/β-thalassemia. <i>Hemoglobin</i> , 2014 , 38, 335-8	0.6	7
38	Outcomes of thalassemia patients undergoing hematopoietic stem cell transplantation by using a standard myeloablative versus a novel reduced-toxicity conditioning regimen according to a new risk stratification. <i>Biology of Blood and Marrow Transplantation</i> , 2014 , 20, 2066-71	4.7	27
37	Root dentin anomaly and a PLG mutation. <i>European Journal of Medical Genetics</i> , 2014 , 57, 630-5	2.6	8
36	Successful treatment of mild pediatric kasabach-merritt phenomenon with propranolol monotherapy. <i>Case Reports in Hematology</i> , 2014 , 2014, 364693	0.7	5
35	Vincristine-induced polyneuropathy in a child with stage I WilmsTumour presenting with unilateral abducens nerve palsy. <i>BMJ Case Reports</i> , 2014 , 2014,	0.9	0
34	Brief communication (Original). Rapid diagnosis of trisomy 21 by relative gene copy using real-time quantitative polymerase chain reaction. <i>Asian Biomedicine</i> , 2014 , 8, 399-403	0.4	
33	New mathematical formula for differentiating thalassemia trait and iron deficiency anemia in thalassemia prevalent area: a study in healthy school-age children. <i>Southeast Asian Journal of Tropical Medicine and Public Health</i> , 2014 , 45, 174-82	1	8

32	Prevalence and molecular characterization of glucose-6-phosphate dehydrogenase deficiency in northern Thailand. <i>Southeast Asian Journal of Tropical Medicine and Public Health</i> , 2014 , 45, 187-93	1	13
31	No evidence of hemostasis disturbance in Thai children with iron deficiency anemia. <i>Annals of Hematology</i> , 2013 , 92, 287-8	3	
30	Effectiveness of the model for prenatal control of severe thalassemia. <i>Prenatal Diagnosis</i> , 2013 , 33, 477-83	3.1	21
29	Pretransplant immunosuppression followed by reduced-toxicity conditioning and stem cell transplantation in high-risk thalassemia: a safe approach to disease control. <i>Biology of Blood and Marrow Transplantation</i> , 2013 , 19, 1259-62	4.7	25
28	Clinical course of dengue in patients with thalassaemia. <i>Paediatrics and International Child Health</i> , 2013 , 33, 32-6	1.4	4
27	Prophylaxis in congenital factor VII deficiency: indications, efficacy and safety. Results from the Seven Treatment Evaluation Registry (STER). <i>Haematologica</i> , 2013 , 98, 538-44	6.6	64
26	Carboplatin and doxorubicin in treatment of pediatric osteosarcoma: a 9-year single institute experience in the Northern Region of Thailand. <i>Asian Pacific Journal of Cancer Prevention</i> , 2013 , 14, 1101-6	1.7	9
25	Genotyping of beta thalassemia trait by high-resolution DNA melting analysis. <i>Southeast Asian Journal of Tropical Medicine and Public Health</i> , 2013 , 44, 1055-64	1	12
24	Prenatal diagnosis of homozygous alpha-thalassemia-1 by cell-free fetal DNA in maternal plasma. <i>Prenatal Diagnosis</i> , 2012 , 32, 45-9	3.2	22
23	Use of cardiac markers for monitoring of doxorubicin-induced cardiotoxicity in children with cancer. <i>Journal of Pediatric Hematology/Oncology</i> , 2012 , 34, 589-95	1.2	30
22	Skin involvement in a newborn with down syndrome and transient myeloproliferative disorder. <i>Journal of Pediatric Hematology/Oncology</i> , 2012 , 34, e171-2	1.2	1
21	Adverse Events in Treatment of Inherited Factor VII Deficiency: Final Analysis of the STER.. <i>Blood</i> , 2012 , 120, 2279-2279	2.2	
20	Cord blood screening for alpha-thalassemia and hemoglobin variants by isoelectric focusing in northern Thai neonates: correlation with genotypes and hematologic parameters. <i>Blood Cells, Molecules, and Diseases</i> , 2010 , 45, 53-7	2.1	19
19	Deferasirox in iron-overloaded patients with transfusion-dependent myelodysplastic syndromes: Results from the large 1-year EPIC study. <i>Leukemia Research</i> , 2010 , 34, 1143-50	2.7	136
18	Heart rate variability in beta-thalassemia patients. <i>European Journal of Haematology</i> , 2009 , 83, 483-9	3.8	25
17	The effect of polymorphisms of MTHFR C677T, A1298C, MS A2756G and CBS 844ins68bp on plasma total homocysteine level and the risk of ischemic stroke in Thai children. <i>Thrombosis Research</i> , 2008 , 122, 33-7	8.2	13
16	Noninvasive prenatal diagnosis of monogenic diseases by digital size selection and relative mutation dosage on DNA in maternal plasma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 19920-5	11.5	266
15	Tissue Doppler echocardiography reliably reflects severity of iron overload in pediatric patients with beta thalassemia. <i>European Journal of Echocardiography</i> , 2008 , 9, 368-72		30

14	Mass spectrometry-based detection of hemoglobin E mutation by allele-specific base extension reaction. <i>Clinical Chemistry</i> , 2007 , 53, 2205-9	5.5	21
13	Anemia and hydrops in a fetus with homozygous hemoglobin constant spring. <i>Journal of Pediatric Hematology/Oncology</i> , 2006 , 28, 827-30	1.2	29
12	Intracellular readthrough of nonsense mutations by aminoglycosides in coagulation factor VII. <i>Journal of Thrombosis and Haemostasis</i> , 2006 , 4, 1308-14	15.4	33
11	Genetic Polymorphisms in the Homocysteine Metabolism Pathway and Thrombosis in Thai Children: A Case Control Study.. <i>Blood</i> , 2006 , 108, 5493-5493	2.2	
10	Molecular and Clinical Features of Hb H Disease in Northern Thailand. <i>Hemoglobin</i> , 2005 , 29, 133-140	0.6	30
9	Molecular and Clinical Features of Hb H Disease in Northern Thailand. <i>Hemoglobin</i> , 2005 , 29, 133-140	0.6	8
8	Hemoglobin E levels in double heterozygotes of hemoglobin E and SEA-type alpha-thalassemia. <i>Southeast Asian Journal of Tropical Medicine and Public Health</i> , 2005 , 36, 467-70	1	8
7	Molecular and clinical features of Hb H disease in northern Thailand. <i>Hemoglobin</i> , 2005 , 29, 133-40	0.6	5
6	MS analysis of single-nucleotide differences in circulating nucleic acids: Application to noninvasive prenatal diagnosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 10762-7	11.5	179
5	Hematological and molecular characterization of beta-thalassemia/Hb Tak compound heterozygote. <i>Southeast Asian Journal of Tropical Medicine and Public Health</i> , 2003 , 34, 415-9	1	4
4	Significance of p53 expression in immature teratomas. <i>Pediatric and Developmental Pathology</i> , 2002 , 5, 499-507	2.2	5
3	Outcome of intracranial hemorrhage in infants with congenital factor VII deficiency. <i>Journal of the Medical Association of Thailand = Chotmaihet Thangphaet</i> , 2002 , 85 Suppl 4, S1059-64		1
2	Hb H hydrops foetalis syndrome: a case report and review of literature. <i>British Journal of Haematology</i> , 2001 , 115, 72-8	4.5	64
1	The successful strategy of comprehensive pre-implantation genetic testing for beta-thalassaemia/haemoglobin E disease and chromosome balance using karyomapping. <i>Journal of Obstetrics and Gynaecology</i> , 1-9	1.3	