

Surapol Issaragrissil

List of Publications by Year in descending order

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105
papers

3,747
citations

218592

26
h-index

133188

59
g-index

108
all docs

108
docs citations

108
times ranked

4709
citing authors

#	ARTICLE	IF	CITATIONS
1	Nilotinib versus Imatinib for Newly Diagnosed Chronic Myeloid Leukemia. <i>New England Journal of Medicine</i> , 2010, 362, 2251-2259.	13.9	1,497
2	Chemotherapy-Induced Cardiotoxicity: Overview of the Roles of Oxidative Stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-13.	1.9	193
3	Long-term outcomes with frontline nilotinib versus imatinib in newly diagnosed chronic myeloid leukemia in chronic phase: ENESTnd 10-year analysis. <i>Leukemia</i> , 2021, 35, 440-453.	3.3	159
4	The epidemiology of aplastic anemia in Thailand. <i>Blood</i> , 2006, 107, 1299-1307.	0.6	156
5	Drugs in the aetiology of agranulocytosis and aplastic anaemia. <i>European Journal of Haematology</i> , 1996, 57, 23-30.	1.1	103
6	Transplantation of Cord-Blood Stem Cells into a Patient with Severe Thalassemia. <i>New England Journal of Medicine</i> , 1995, 332, 367-369.	13.9	89
7	YAP as a key regulator of adipo-osteogenic differentiation in human MSCs. <i>Stem Cell Research and Therapy</i> , 2019, 10, 402.	2.4	84
8	Spinal Cord Compression in Thalassemia. <i>Archives of Internal Medicine</i> , 1981, 141, 1033.	4.3	64
9	Immunosuppressive properties of mesenchymal stromal cells derived from amnion, placenta, Wharton's jelly and umbilical cord. <i>Internal Medicine Journal</i> , 2013, 43, 430-439.	0.5	57
10	Comparison of endothelial progenitor cell function in type 2 diabetes with good and poor glycemic control. <i>BMC Endocrine Disorders</i> , 2010, 10, 5.	0.9	48
11	Relative incidence of agranulocytosis and aplastic anemia. <i>American Journal of Hematology</i> , 2006, 81, 65-67.	2.0	46
12	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, 2066-2071.	2.0	43
13	One-step genetic correction of hemoglobin E/beta-thalassemia patient-derived iPSCs by the CRISPR/Cas9 system. <i>Stem Cell Research and Therapy</i> , 2018, 9, 46.	2.4	42
14	Major Hematologic Diseases in the Developing World— New Aspects of Diagnosis and Management of Thalassemia, Malarial Anemia, and Acute Leukemia. <i>Hematology American Society of Hematology Education Program</i> , 2001, 2001, 479-498.	0.9	38
15	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, 1259-1262.	2.0	35
16	Dual Small-Molecule Targeting of SMAD Signaling Stimulates Human Induced Pluripotent Stem Cells toward Neural Lineages. <i>PLoS ONE</i> , 2014, 9, e106952.	1.1	35
17	An association of aplastic anaemia in Thailand with low socioeconomic status. <i>British Journal of Haematology</i> , 1995, 91, 80-84.	1.2	34
18	Cell type of origin influences iPSC generation and differentiation to cells of the hematoendothelial lineage. <i>Cell and Tissue Research</i> , 2016, 365, 101-112.	1.5	33

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19	Comparing human iPSC-cardiomyocytes versus HEK293T cells unveils disease-causing effects of Brugada mutation A735V of NaV1.5 sodium channels. <i>Scientific Reports</i> , 2019, 9, 11173.	1.6	33
20	Regional patterns in the incidence of aplastic anemia in Thailand. <i>American Journal of Hematology</i> , 1999, 61, 164-168.	2.0	32
21	Non-bacterial infections in Asian patients treated with alemtuzumab: a retrospective study of the Asian Lymphoma Study Group. <i>Leukemia and Lymphoma</i> , 2012, 53, 1515-1524.	0.6	32
22	First line treatment of aplastic anemia with thymoglobuline in Europe and Asia: Outcome of 955 patients treated 2001-2012. <i>American Journal of Hematology</i> , 2018, 93, 643-648.	2.0	32
23	Corticosteroids therapy in paroxysmal nocturnal hemoglobinuria. <i>American Journal of Hematology</i> , 1987, 25, 77-83.	2.0	31
24	Hyper-O-GlcNAcylation induces cisplatin resistance via regulation of p53 and c-Myc in human lung carcinoma. <i>Scientific Reports</i> , 2017, 7, 10607.	1.6	30
25	Effects of mesenchymal stem cell-derived cytokines on the functional properties of endothelial progenitor cells. <i>European Journal of Cell Biology</i> , 2016, 95, 153-163.	1.6	28
26	Emerging Role of the Hippo Signaling Pathway in Position Sensing and Lineage Specification in Mammalian Preimplantation Embryos1. <i>Biology of Reproduction</i> , 2015, 92, 143.	1.2	27
27	Cardiomyocyte differentiation of perinatally-derived mesenchymal stem cells. <i>Molecular Medicine Reports</i> , 2013, 7, 1465-1469.	1.1	26
28	Deciphering the Elevated Lipid via CD36 in Mantle Cell Lymphoma with Bortezomib Resistance Using Synchrotron-Based Fourier Transform Infrared Spectroscopy of Single Cells. <i>Cancers</i> , 2019, 11, 576.	1.7	26
29	Cardiogenic and Myogenic Gene Expression in Mesenchymal Stem Cells After 5-Azacytidine Treatment. <i>Turkish Journal of Haematology</i> , 2013, 30, 115-121.	0.2	25
30	Inhibition of <i>O</i> -GlcNAcase Sensitizes Apoptosis and Reverses Bortezomib Resistance in Mantle Cell Lymphoma through Modification of Truncated Bid. <i>Molecular Cancer Therapeutics</i> , 2018, 17, 484-496.	1.9	25
31	Risk factors for leukemia in Thailand. <i>Annals of Hematology</i> , 2009, 88, 1079-1088.	0.8	24
32	In vitro vessel-forming capacity of endothelial progenitor cells in high glucose conditions. <i>Annals of Hematology</i> , 2012, 91, 311-320.	0.8	23
33	Long-Term Outcomes in Patients with Chronic Myeloid Leukemia in Chronic Phase Receiving Frontline Nilotinib Versus Imatinib: Enestnd 10-Year Analysis. <i>Blood</i> , 2019, 134, 2924-2924.	0.6	22
34	Epidemiology of aplastic anaemia. <i>Best Practice and Research: Clinical Haematology</i> , 1992, 5, 475-491.	1.1	21
35	Enestnd 4-Year (y) Update: Continued Superiority of Nilotinib Vs Imatinib in Patients (pts) with Newly Diagnosed Philadelphia Chromosome-Positive (Ph+) Chronic Myeloid Leukemia in Chronic Phase (CML-CP). <i>Blood</i> , 2012, 120, 1676-1676.	0.6	21
36	A novel TRPM7/O-GlcNAc axis mediates tumour cell motility and metastasis by stabilising c-Myc and caveolin-1 in lung carcinoma. <i>British Journal of Cancer</i> , 2020, 123, 1289-1301.	2.9	20

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37	Selective Cytotoxicity of Single and Dual Anti-CD19 and Anti-CD138 Chimeric Antigen Receptor-Natural Killer Cells against Hematologic Malignancies. <i>Journal of Immunology Research</i> , 2021, 2021, 1-16.	0.9	20
38	Nilotinib Demonstrates Superior Efficacy Compared with Imatinib in Patients with Newly Diagnosed Chronic Myeloid Leukemia in Chronic Phase: Results From the International Randomized Phase III ENESTnd Trial. <i>Blood</i> , 2009, 114, LBA-1-LBA-1.	0.6	20
39	Efficacy of rabbit antithymocyte globulin as first-line treatment of severe aplastic anemia: an Asian multicenter retrospective study. <i>International Journal of Hematology</i> , 2016, 104, 454-461.	0.7	19
40	Induction of cancer-associated fibroblast-like cells by carbon nanotubes dictates its tumorigenicity. <i>Scientific Reports</i> , 2016, 6, 39558.	1.6	18
41	Inhibition of C3 with APL-2 Results in Normalisation of Markers of Intravascular and Extravascular Hemolysis in Patients with Paroxysmal Nocturnal Hemoglobinuria (PNH). <i>Blood</i> , 2018, 132, 2314-2314.	0.6	18
42	An Association of Pregnancy and Autoimmune Haemolytic Anaemia. <i>Scandinavian Journal of Haematology</i> , 1983, 31, 63-68.	0.0	17
43	Bortezomib enhances the osteogenic differentiation capacity of human mesenchymal stromal cells derived from bone marrow and placental tissues. <i>Biochemical and Biophysical Research Communications</i> , 2014, 447, 580-585.	1.0	17
44	Efficacy and Safety of Nilotinib In Chronic Phase (CP) Chronic Myeloid Leukemia (CML) Patients (Pts) with Type 2 Diabetes In the ENESTnd Trial.. <i>Blood</i> , 2010, 116, 3430-3430.	0.6	17
45	Transdifferentiation of erythroblasts to megakaryocytes using FLI1 and ERG transcription factors. <i>Thrombosis and Haemostasis</i> , 2015, 114, 593-602.	1.8	15
46	Correlation Between Hematopoietic Progenitors and Erythroblasts in Cord Blood. <i>American Journal of Clinical Pathology</i> , 1983, 80, 865-867.	0.4	14
47	The Hippo pathway regulates human megakaryocytic differentiation. <i>Thrombosis and Haemostasis</i> , 2017, 117, 116-126.	1.8	14
48	Stem cell transplantation for thalassemia. <i>International Journal of Hematology</i> , 2002, 76, 307-309.	0.7	13
49	Endothelial Progenitor Cell Migration-Enhancing Factors in the Secretome of Placental-Derived Mesenchymal Stem Cells. <i>Stem Cells International</i> , 2016, 2016, 1-13.	1.2	13
50	Reactive oxygen species mediate cancer stem-like cells and determine bortezomib sensitivity via Mcl-1 and Zeb-1 in mantle cell lymphoma. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 3739-3753.	1.8	13
51	O-GlcNAcylation homeostasis controlled by calcium influx channels regulates multiple myeloma dissemination. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021, 40, 100.	3.5	13
52	Immunophenotypes and Outcome of Philadelphia Chromosome-Positive and -Negative Thai Adult Acute Lymphoblastic Leukemia. <i>International Journal of Hematology</i> , 2003, 78, 337-343.	0.7	12
53	Enhanced human mesenchymal stem cell survival under oxidative stress by overexpression of secreted frizzled-related protein 2 gene. <i>Annals of Hematology</i> , 2015, 94, 319-327.	0.8	12
54	Targeting Netrin-1 in glioblastoma stem-like cells inhibits growth, invasion, and angiogenesis. <i>Tumor Biology</i> , 2016, 37, 14949-14960.	0.8	12

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55	Effect of alternan <i>versus</i> chitosan on the biological properties of human mesenchymal stem cells. <i>RSC Advances</i> , 2019, 9, 4370-4379.	1.7	12
56	Induced Pluripotent Stem Cells as a Tool for Modeling Hematologic Disorders and as a Potential Source for Cell-Based Therapies. <i>Cells</i> , 2021, 10, 3250.	1.8	12
57	Epigenetic Analysis and Suitability of Amniotic Fluid Stem Cells for Research and Therapeutic Purposes. <i>Stem Cells and Development</i> , 2013, 22, 1319-1328.	1.1	11
58	Selective Tropism of Dengue Virus for Human Glycoprotein Ib. <i>Scientific Reports</i> , 2018, 8, 2688.	1.6	11
59	High-efficiency derivation of human embryonic stem cell lines using a culture system with minimized trophoblast cell proliferation. <i>Stem Cell Research and Therapy</i> , 2018, 9, 138.	2.4	11
60	Comparative Efficacy and Clinical Outcomes of Haploidentical Stem Cell Transplantation to Other Stem Sources for Treatment in Acute Myeloid Leukemia and Myelodysplastic Syndrome Patients: A Systematic Review and Meta-Analysis. <i>Cell Transplantation</i> , 2020, 29, 096368972090496.	1.2	11
61	Fisetin Inhibits Osteogenic Differentiation of Mesenchymal Stem Cells via the Inhibition of YAP. <i>Antioxidants</i> , 2021, 10, 879.	2.2	10
62	Immunophenotypic discrepancies between granulocytic and erythroid lineages in peripheral blood of patients with paroxysmal nocturnal haemoglobinuria. <i>European Journal of Haematology</i> , 2000, 65, 8-16.	1.1	9
63	Adult aplastic anemia in Thailand: incidence and treatment outcome from a prospective nationwide population-based study. <i>Annals of Hematology</i> , 2021, 100, 2443-2452.	0.8	8
64	Metabolic sensor O ϵ -GlcNAcylation regulates megakaryopoiesis and thrombopoiesis through c ϵ Myc stabilization and integrin perturbation. <i>Stem Cells</i> , 2021, 39, 787-802.	1.4	8
65	Hematopoietic progenitor cells in the blood and bone marrow in various hematologic disorders. <i>Stem Cells</i> , 1998, 16, 123-128.	1.4	7
66	Generation of induced pluripotent stem cells as a potential source of hematopoietic stem cells for transplant in PNH patients. <i>Annals of Hematology</i> , 2016, 95, 1617-1625.	0.8	7
67	Matched sibling donor hematopoietic stem cell transplantation for thalassemia. <i>Current Opinion in Hematology</i> , 2016, 23, 508-514.	1.2	7
68	Effect of YAP/TAZ on megakaryocyte differentiation and platelet production. <i>Bioscience Reports</i> , 2020, 40, .	1.1	7
69	Post-Transplant Cyclophosphamide and Thymoglobulin, a Graft-Versus-Host Disease Prophylaxis in Matched Sibling Donor Peripheral Blood Stem Cell Transplantations. <i>Cell Transplantation</i> , 2020, 29, 096368972096590.	1.2	6
70	Clinical paroxysmal nocturnal hemoglobinuria is the result of expansion of glycosyl-phosphatidyl-inositol-anchored protein-deficient clone in the condition of Deficient Hematopoiesis. <i>International Journal of Hematology</i> , 2001, 73, 64-70.	0.7	5
71	CD14 $^{+}$ /CD34 $^{+}$ is the founding population of umbilical cord blood-derived endothelial progenitor cells and angiogenin1 is an important factor promoting the colony formation. <i>Annals of Hematology</i> , 2012, 91, 321-329.	0.8	5
72	Generation of a WWTR1 mutation induced pluripotent stem cell line, MUSli012-A-1, using CRISPR/Cas9. <i>Stem Cell Research</i> , 2019, 41, 101634.	0.3	5

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73	Glucose intolerance, hyperinsulinemia and insulin resistance in aplastic anemia. <i>Metabolism: Clinical and Experimental</i> , 1989, 38, 204-207.	1.5	4
74	YAP-depleted iPSC MUSli012-A-2 maintained all normal stem cell characteristics. <i>Stem Cell Research</i> , 2020, 43, 101723.	0.3	4
75	Episomal vector reprogramming of human umbilical cord blood natural killer cells to an induced pluripotent stem cell line MUSli013-A. <i>Stem Cell Research</i> , 2021, 55, 102472.	0.3	4
76	C3 Inhibition with Pegcetacoplan in Patients with Paroxysmal Nocturnal Hemoglobinuria: Results from the Paddock and Palomino Trials. <i>Blood</i> , 2020, 136, 3-4.	0.6	4
77	Collection of cord blood stem cells for transplantation in thalassemic patients. <i>Stem Cells</i> , 1995, 13, 71-75.	1.4	3
78	Dengue Virus and Its Relation to Human Glycoprotein IIb/IIIa Revealed by Fluorescence Microscopy and Flow Cytometry. <i>Viral Immunology</i> , 2017, 30, 654-661.	0.6	3
79	Where there's a will, there's a way: establishing hematopoietic stem cell transplantation in Myanmar. <i>Blood Advances</i> , 2017, 1, 65-69.	2.5	3
80	Establishment of a human iPSC line (MUSli007-A) from peripheral blood of normal individual using Sendai viral vectors. <i>Stem Cell Research</i> , 2018, 32, 43-46.	0.3	3
81	Derivation of a MUSli012-A iPSCs from mobilized peripheral blood stem cells. <i>Stem Cell Research</i> , 2019, 41, 101597.	0.3	3
82	Generation of human induced pluripotent stem cell line carrying SCN5A C2204G/T Brugada mutation (MUSli009-A-1) introduced by CRISPR/Cas9-mediated genome editing. <i>Stem Cell Research</i> , 2019, 41, 101618.	0.3	3
83	Methylprednisolone and Aplastic Anemia. <i>Annals of Internal Medicine</i> , 1985, 103, 964.	2.0	3
84	Metabolic sensor O-GlcNAcylation regulates megakaryopoiesis and thrombopoiesis through c-Myc stabilization and integrin perturbation. <i>Stem Cells</i> , 2021, 39, 787-802.	1.4	3
85	Distinctive Roles of YAP and TAZ in Human Endothelial Progenitor Cells Growth and Functions. <i>Biomedicine</i> , 2022, 10, 147.	1.4	3
86	Metabolic sensor O-GlcNAcylation regulates erythroid differentiation and globin production via BCL11A. <i>Stem Cell Research and Therapy</i> , 2022, 13, .	2.4	3
87	An epidemiological study of aplastic anaemia: relationship of drug exposures to clinical features and outcome. <i>European Journal of Haematology</i> , 1996, 57, 47-52.	1.1	2
88	Use of In Vivo Gene Expression of Isolated Bone Marrow Mesenchymal Stromal Cells to Study the Pathophysiology of Osteoporosis in Patients With Severe Thalassemia. <i>Journal of Pediatric Hematology/Oncology</i> , 2011, 33, 179-184.	0.3	2
89	Derivation of human embryonic stem cell line MUSle001-A from an embryo with homozygous β^0 -thalassemia (SEA deletion). <i>Stem Cell Research</i> , 2020, 43, 101695.	0.3	2
90	Genetic alterations in Thai adult patients with acute myeloid leukemia and myelodysplastic syndrome—excess blasts detected by next-generation sequencing technique. <i>Annals of Hematology</i> , 2021, 100, 1983-1993.	0.8	2

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91	Aminopyrine and blood dyscrasias. , 1997, 6, 292-292.		1
92	Incidence and non-drug aetiologies of aplastic anaemia in Thailand. European Journal of Haematology, 2009, 57, 31-34.	1.1	1
93	An integration-free iPSC line (MUSli008-A) derived from a patient with severe hemolytic anemia carrying compound heterozygote mutations in KLF1 gene for disease modeling. Stem Cell Research, 2019, 34, 101344.	0.3	1
94	Generation of a serine/threonine-protein kinase LATS1 gene-edited iPSC MUSli012-A-3. Stem Cell Research, 2020, 48, 101950.	0.3	1
95	Regional patterns in the incidence of aplastic anemia in Thailand. , 1999, 61, 164.		1
96	A Retrospective Multicenter Study to Evaluate the Efficacy of Rabbit Antithymocyte Globulin (rATG) Immunosuppressive Therapy As First-Line Treatment of Aplastic Anemia. Blood, 2015, 126, 1217-1217.	0.6	1
97	Hematology oncology practice in the Asia-Pacific APHCON survey results from the 6th international hematologic malignancies conference: bridging the gap 2015, Beijing, China. Oncotarget, 2017, 8, 41620-41630.	0.8	1
98	Derivation of the MUSle002-A human embryonic stem cell line. Stem Cell Research, 2022, 59, 102660.	0.3	1
99	Umbilical cord blood transplantation for thalassemia. Psychophysiology, 2005, 4, 415-6.	1.1	1
100	Web alert. Current Hepatitis Reports, 2003, 2, 1-2.	0.3	0
101	Final Results of the Thai-NHLBI Epidemiological Study of Aplastic Anemia.. Blood, 2004, 104, 2814-2814.	0.6	0
102	Current Activities of AsiaCORD: Fast Searching System of the Qualified Cord Blod Units for Asian Patients.. Blood, 2004, 104, 5008-5008.	0.6	0
103	Infectious Complications in Asian Patients Treated with Alemtuzumab: Results From a Multicenter Study.. Blood, 2009, 114, 5009-5009.	0.6	0
104	Aplastic Anemia in Thailand: Incidence and Treatment Outcome from a Prospective Nationwide Population-Based Study. Blood, 2020, 136, 8-9.	0.6	0
105	COLLABORATIONS, COLLEAGUES AND FRIENDSHIPS: THE HEMATOLOGY BRANCH AND BLOOD DISEASE CENTERS IN ASIA. Seminars in Hematology, 2022, 59, 6-12.	1.8	0