

# Suparerk Borwornpinyo

## List of Publications by Year in descending order

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Version: 2024-02-01

57  
papers

1,132  
citations

471061

17  
h-index

433756

31  
g-index

59  
all docs

59  
docs citations

59  
times ranked

1559  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gene Therapy of the $\beta^2$ -Hemoglobinopathies by Lentiviral Transfer of the $\beta^2$ (T87Q) Globin Gene. <i>Human Gene Therapy</i> , 2016, 27, 148-165.	1.4	133
2	Anti-SARS-CoV-2 Activity of <i>Andrographis paniculata</i> Extract and Its Major Component Andrographolide in Human Lung Epithelial Cells and Cytotoxicity Evaluation in Major Organ Cell Representatives. <i>Journal of Natural Products</i> , 2021, 84, 1261-1270.	1.5	113
3	High-content screening of Thai medicinal plants reveals <i>Boesenbergia rotunda</i> extract and its component Panduratin A as anti-SARS-CoV-2 agents. <i>Scientific Reports</i> , 2020, 10, 19963.	1.6	97
4	A novel lectin domain-containing protein (LvCTLD) associated with response of the whiteleg shrimp <i>Penaeus (Litopenaeus) vannamei</i> to yellow head virus (YHV). <i>Developmental and Comparative Immunology</i> , 2012, 37, 334-341.	1.0	83
5	Downregulation of LAT1 expression suppresses cholangiocarcinoma cell invasion and migration. <i>Cellular Signalling</i> , 2014, 26, 1668-1679.	1.7	41
6	Development of Plant-Produced Recombinant ACE2-Fc Fusion Protein as a Potential Therapeutic Agent Against SARS-CoV-2. <i>Frontiers in Plant Science</i> , 2020, 11, 604663.	1.7	37
7	Upregulation of CYP 450s expression of immortalized hepatocyte-like cells derived from mesenchymal stem cells by enzyme inducers. <i>BMC Biotechnology</i> , 2011, 11, 89.	1.7	34
8	A rhodol-based fluorescent chemosensor for hydrazine and its application in live cell bioimaging. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 185, 228-233.	2.0	33
9	A novel immortalized hepatocyte-like cell line (imHC) supports in vitro liver stage development of the human malarial parasite <i>Plasmodium vivax</i> . <i>Malaria Journal</i> , 2018, 17, 50.	0.8	32
10	Using double-stranded RNA for the control of Laem-Singh Virus (LSNV) in Thai <i>P. monodon</i> . <i>Journal of Biotechnology</i> , 2013, 164, 449-453.	1.9	31
11	A chromogenic and fluorogenic rhodol-based chemosensor for hydrazine detection and its application in live cell bioimaging. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 195, 136-141.	2.0	31
12	A robust model of natural hepatitis C infection using hepatocyte-like cells derived from human induced pluripotent stem cells as a long-term host. <i>Virology Journal</i> , 2016, 13, 59.	1.4	27
13	A rhodamine-triazole fluorescent chemodosimeter for $\text{Cu}^{2+}$ detection and its application in bioimaging. <i>Luminescence</i> , 2018, 33, 64-70.	1.5	26
14	Scalemic Caged Xanthenes Isolated from the Stem Bark Extract of <i>Garcinia propinqua</i> . <i>Journal of Natural Products</i> , 2017, 80, 1658-1667.	1.5	25
15	Transgenic Chickens Expressing $\beta$ -Galactosidase Hydrolyze Lactose in the Intestine. <i>Journal of Nutrition</i> , 2003, 133, 3076-3079.	1.3	24
16	Depsidones and an $\alpha$ -pyrone derivative from <i>Simplicillium</i> sp. PSU-H41, an endophytic fungus from <i>Hevea brasiliensis</i> leaf. <i>Phytochemistry</i> , 2017, 143, 115-123.	1.4	24
17	Depsidones and depsidones from the soil-derived fungus <i>Aspergillus unguis</i> PSU-RSPG204. <i>Tetrahedron</i> , 2018, 74, 5691-5699.	1.0	19
18	Amides and Flavonoids from the Fruit and Leaf Extracts of <i>Melodorum siamensis</i> . <i>Journal of Natural Products</i> , 2019, 82, 283-292.	1.5	17

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19	Role of Na <sup>+</sup> /H <sup>+</sup> exchanger 3 in the acidification of the male reproductive tract and male fertility. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2011, 38, 403-409.	0.9	16
20	Alkaloids and styryllactones from <i>Goniothalamus cheliensis</i> . <i>Phytochemistry</i> , 2019, 157, 8-20.	1.4	16
21	Curcumin inhibited hepatitis B viral entry through NTCP binding. <i>Scientific Reports</i> , 2021, 11, 19125.	1.6	16
22	Ex Vivo Selection of Transduced Hematopoietic Stem Cells for Gene Therapy of $\beta^0$ -Hemoglobinopathies. <i>Molecular Therapy</i> , 2018, 26, 480-495.	3.7	15
23	Investigation of FoxO3 dynamics during erythroblast development in $\beta^0$ -thalassemia major. <i>PLoS ONE</i> , 2017, 12, e0187610.	1.1	13
24	Lysosome repositioning as an autophagy escape mechanism by <i>Mycobacterium tuberculosis</i> Beijing strain. <i>Scientific Reports</i> , 2021, 11, 4342.	1.6	13
25	Bone marrow mesenchymal stem cell-derived extracellular vesicles affect proliferation and apoptosis of leukemia cells <i>in vitro</i> . <i>FEBS Open Bio</i> , 2022, 12, 470-479.	1.0	13
26	Enhancement of $\beta^0$ -Globin Gene Expression in Thalassemic IVS2-654 Induced Pluripotent Stem Cell-Derived Erythroid Cells by Modified U7 snRNA. <i>Stem Cells Translational Medicine</i> , 2017, 6, 1059-1069.	1.6	12
27	A novel potent autophagy inhibitor ECDD-S27 targets vacuolar ATPase and inhibits cancer cell survival. <i>Scientific Reports</i> , 2019, 9, 9177.	1.6	11
28	The impact of culture dimensionality on behavioral epigenetic memory contributing to pluripotent state of iPSC cells. <i>Journal of Cellular Physiology</i> , 2021, 236, 4985-4996.	2.0	11
29	Transcriptional response to the host cell environment of a multidrug-resistant <i>Mycobacterium tuberculosis</i> clonal outbreak Beijing strain reveals its pathogenic features. <i>Scientific Reports</i> , 2021, 11, 3199.	1.6	11
30	Identification of the lacZ insertion site and beta-galactosidase expression in transgenic chickens. <i>Cell and Tissue Research</i> , 2006, 324, 41-53.	1.5	10
31	Generation of iPSC line MU011.A-hiPS from homozygous $\beta^0$ -thalassemia fetal skin fibroblasts. <i>Stem Cell Research</i> , 2015, 15, 506-509.	0.3	9
32	Synthesis and anticancer activity evaluation of benzo[6,7]oxepino[3,2-b] pyridine derivatives. <i>Tetrahedron</i> , 2020, 76, 131473.	1.0	9
33	P2Y6 receptors are involved in mediating the effect of inactivated avian influenza virus H5N1 on IL-6 & CXCL8 mRNA expression in respiratory epithelium. <i>PLoS ONE</i> , 2017, 12, e0176974.	1.1	9
34	An update of circulating rare cell types in healthy adult peripheral blood: findings of immature erythroid precursors. <i>Annals of Translational Medicine</i> , 2018, 6, 406-406.	0.7	9
35	The autophagy-resistant <i>Mycobacterium tuberculosis</i> Beijing strain upregulates KatG to evade starvation-induced autophagic restriction. <i>Pathogens and Disease</i> , 2022, 80, .	0.8	9
36	Resolution and identification of scalemic caged xanthenes from the leaf extract of <i>Garcinia propinqua</i> having potent cytotoxicities against colon cancer cells. <i>FITOTERAPIA</i> , 2018, 124, 34-41.	1.1	8

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37	Turn-on fluorescent sensor for the detection of lipopolysaccharides based on a novel bispyrenyl terephthalaldehyde-bis-guanylhydrazone. <i>New Journal of Chemistry</i> , 2019, 43, 7051-7056.	1.4	8
38	Cleistanthin A induces apoptosis and suppresses motility of colorectal cancer cells. <i>European Journal of Pharmacology</i> , 2020, 889, 173604.	1.7	8
39	A Rhodamine-based Fluorescent Chemodosimeter for Au <sup>3+</sup> in Aqueous Solution and Living Cells. <i>Journal of Fluorescence</i> , 2021, 31, 1211-1218.	1.3	8
40	Anti-SARS-CoV-2 Activity of Extracellular Vesicle Inhibitors: Screening, Validation, and Combination with Remdesivir. <i>Biomedicines</i> , 2021, 9, 1230.	1.4	8
41	Synergistic anti-SARS-CoV-2 activity of repurposed anti-parasitic drug combinations. <i>BMC Pharmacology &amp; Toxicology</i> , 2022, 23, .	1.0	8
42	Rapid and Efficient Cell-to-Cell Transmission of Avian Influenza H5N1 Virus in MDCK Cells Is Achieved by Trogocytosis. <i>Pathogens</i> , 2021, 10, 483.	1.2	7
43	Effective suppression of yellow head virus replication in <i>Penaeus monodon</i> hemocytes using constitutive expression vector for long-hairpin RNA (lhrRNA). <i>Journal of Invertebrate Pathology</i> , 2020, 175, 107442.	1.5	6
44	Fluorescence Detection of Deoxyadenosine in <i>Cordyceps</i> spp. by Indicator Displacement Assay. <i>Molecules</i> , 2020, 25, 2045.	1.7	6
45	Copper-catalyzed synthesis and anticancer activity evaluation of indolo[1,2-a]quinoline derivatives. <i>Tetrahedron Letters</i> , 2021, 82, 153365.	0.7	6
46	Coumarins and flavones from the fruit and root extracts of <i>Micromelum integerrimum</i> . <i>Natural Product Research</i> , 2019, 33, 2945-2950.	1.0	5
47	An Immortalized Hepatocyte-like Cell Line (imHC) Accommodated Complete Viral Lifecycle, Viral Persistence Form, cccDNA and Eventual Spreading of a Clinically-Isolated HBV. <i>Viruses</i> , 2019, 11, 952.	1.5	4
48	Ex vivo expansion and functional activity preservation of adult hematopoietic stem cells by a diarylheptanoid from <i>Curcuma comosa</i> . <i>Biomedicine and Pharmacotherapy</i> , 2021, 143, 112102.	2.5	4
49	Engineered Zinc Finger Protein Targeting 2LTR Inhibits HIV Integration in Hematopoietic Stem and Progenitor Cell-Derived Macrophages: In Vitro Study. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2331.	1.8	3
50	Coagulant activity of recombinant human factor VII produced by lentiviral human F7 gene transfer in immortalized hepatocyte-like cell line. <i>PLoS ONE</i> , 2019, 14, e0220825.	1.1	2
51	The Bioactive Peptide SL-13R Expands Human Umbilical Cord Blood Hematopoietic Stem and Progenitor Cells In Vitro. <i>Molecules</i> , 2021, 26, 1995.	1.7	2
52	Circulating erythroblast abnormality associated with systemic pathologies may indicate bone marrow damage. <i>Journal of Circulating Biomarkers</i> , 2021, 10, 14-19.	0.8	2
53	Establishment and Characterization of MUi027-A: A Novel Patient-Derived Cell Line of Polycystic Kidney Disease with PKD1 Mutation. <i>Journal of Personalized Medicine</i> , 2022, 12, 766.	1.1	2
54	Generation of human induced pluripotent stem cell line (MUi026-A) from a patient with autosomal dominant polycystic kidney disease carrying PKD1 point mutation. <i>Stem Cell Research</i> , 2021, 53, 102306.	0.3	1

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55	Antioxidant, Cytotoxic and $\beta$ -Glucosidase Inhibitory Activities of Compounds isolated from the Twig Extracts of <i>Maclura fruticosa</i> . <i>Natural Product Communications</i> , 2017, 12, 1934578X1701200.	0.2	0
56	Effects of <i>Curcuma comosa</i> Roxb. Extract on the Expression of CYP450s in Immortalized Hepatocyte-like Cells (imHC). <i>Walailak Journal of Science and Technology</i> , 2021, 18, .	0.5	0
57	Zebrafish U6 promoter driving shortâ€airpin RNA expression for PmRab7 knockdown to inhibit yellow head virus infection in shrimp hemocytes. <i>Journal of the World Aquaculture Society</i> , 0, , .	1.2	0