

# Kulachart Jangpatarapongsa

## List of Publications by Year in descending order

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Version: 2024-02-01

36  
papers

494  
citations

687363

13  
h-index

713466

21  
g-index

36  
all docs

36  
docs citations

36  
times ranked

789  
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Plasmodium vivax</i> parasites alter the balance of myeloid and plasmacytoid dendritic cells and the induction of regulatory T cells. <i>European Journal of Immunology</i> , 2008, 38, 2697-2705.	2.9	81
2	Detection of <i>Vibrio cholerae</i> Using the Intrinsic Catalytic Activity of a Magnetic Polymeric Nanoparticle. <i>Analytical Chemistry</i> , 2013, 85, 5996-6002.	6.5	49
3	PMMA particles coated with chitosan-silver nanoparticles as a dual antibacterial modifier for natural rubber latex films. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 174, 544-552.	5.0	35
4	[6]-Gingerol-loaded cellulose acetate electrospun fibers as a topical carrier for controlled release. <i>Polymer Bulletin</i> , 2014, 71, 3163-3176.	3.3	32
5	Magnetic particles for in vitro molecular diagnosis: From sample preparation to integration into microsystems. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 158, 1-8.	5.0	26
6	Memory T cells protect against <i>Plasmodium vivax</i> infection. <i>Microbes and Infection</i> , 2006, 8, 680-686.	1.9	24
7	In vitro cytotoxicity evaluation of natural rubber latex film surface coated with PMMA nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2010, 78, 328-333.	5.0	22
8	DNA detection of chronic myelogenous leukemia by magnetic nanoparticles. <i>Analyst</i> , 2011, 136, 354-358.	3.5	22
9	Reduction of cytotoxicity of natural rubber latex film by coating with PMMA-chitosan nanoparticles. <i>Carbohydrate Polymers</i> , 2013, 97, 52-58.	10.2	16
10	Development of loop-mediated isothermal amplification (LAMP) assay using SYBR safe and gold-nanoparticle probe for detection of <i>Leishmania</i> in HIV patients. <i>Scientific Reports</i> , 2021, 11, 12152.	3.3	16
11	Fluorescent chitosan functionalized magnetic polymeric nanoparticles: Cytotoxicity and in vitro evaluation of cellular uptake. <i>Journal of Biomaterials Applications</i> , 2014, 29, 761-768.	2.4	15
12	Immunity to Malaria in <i>Plasmodium vivax</i> Infection: A Study in Central China. <i>PLoS ONE</i> , 2012, 7, e45971.	2.5	14
13	Sensitivity and specificity of PS-AA modified nanoparticles used in malaria detection. <i>Microbial Biotechnology</i> , 2013, 6, 406-413.	4.2	13
14	Detection of <i>Campylobacter</i> DNA using magnetic nanoparticles coupled with PCR and a colorimetric end-point system. <i>Food Science and Biotechnology</i> , 2016, 25, 193-198.	2.6	13
15	Heat-enhancing aggregation of gold nanoparticles combined with loop-mediated isothermal amplification (HAG-LAMP) for <i>Plasmodium falciparum</i> detection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 203, 114178.	2.8	12
16	Enrichment of Malaria Parasites by Antibody Immobilized Magnetic Nanoparticles. <i>Journal of Biomedical Nanotechnology</i> , 2013, 9, 1768-1775.	1.1	10
17	Fabrication of functional hollow magnetic polymeric nanoparticles with controllable magnetic location. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 184, 110557.	5.0	10
18	Magnetic Nanoparticles PCR Enzyme-Linked Gene Assay for Quantitative Detection of <i>BCR/ABL</i> Fusion Gene in Chronic Myelogenous Leukemia. <i>Journal of Clinical Laboratory Analysis</i> , 2016, 30, 534-542.	2.1	9

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19	Enhanced Sensitivity for Detection of Plasmodium falciparum gametocytes by magnetic nanoparticles combined with enzyme substrate system. <i>Talanta</i> , 2017, 164, 645-650.	5.5	9
20	Antigen-Presenting Cell Characteristics of Human $\hat{3}\hat{1}$ T Lymphocytes in Chronic Myeloid Leukemia. <i>Immunological Investigations</i> , 2019, 48, 11-26.	2.0	9
21	Sensitive detection of the IS <i>6110</i> sequence of <i>Mycobacterium tuberculosis</i> complex based on PCR-magnetic bead ELISA. <i>RSC Advances</i> , 2018, 8, 33674-33680.	3.6	8
22	Combination of PCR and dual nanoparticles for detection of Plasmodium falciparum. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 159, 888-897.	5.0	8
23	Automated segmentation of lung, liver, and liver tumors from Tc <sup>99m</sup> MAA SPECT/CT images for Y <sup>90</sup> radioembolization using convolutional neural networks. <i>Medical Physics</i> , 2021, 48, 7877-7890.	3.0	8
24	Mesenchymal stem cell in vitro labeling by hybrid fluorescent magnetic polymeric particles for application in cell tracking. <i>Medical Molecular Morphology</i> , 2015, 48, 204-213.	1.0	7
25	A comparative study of natural immune responses against Plasmodium vivax C-terminal merozoite surface protein-1 (PvMSP-1) and apical membrane antigen-1 (PvAMA-1) in two endemic settings. <i>EXCLI Journal</i> , 2015, 14, 926-34.	0.7	5
26	Inhibitory effect of oxidative damage on cardiomyocyte differentiation from Wharton's jelly-derived mesenchymal stem cells. <i>Experimental and Therapeutic Medicine</i> , 2017, 14, 5329-5338.	1.8	3
27	A model of modified <i>meta</i> -iodobenzylguanidine conjugated gold nanoparticles for neuroblastoma treatment. <i>RSC Advances</i> , 2021, 11, 25199-25206.	3.6	3
28	Increased sensitivity of enterotoxigenic Escherichia coli detection in stool samples using oligonucleotide immobilized-magnetic nanoparticles. <i>Biotechnology Reports (Amsterdam)</i> , 2021, 10, 100000.	1.0	3
29	Quantification of histone H2AX phosphorylation in white blood cells induced by ex vivo gamma irradiation of whole blood by both flow cytometry and foci counting as a dose estimation in rapid triage. <i>PLoS ONE</i> , 2022, 17, e0265643.	2.5	3
30	Improving Malaria Diagnosis via Latex Immunoagglutination Assay in Microfluidic Device. <i>Advanced Materials Research</i> , 0, 93-94, 292-295.	0.3	2
31	Near-infrared polyfluorene encapsulated in poly( $\hat{\mu}$ -caprolactone) nanoparticles with remarkable large Stokes shift. <i>RSC Advances</i> , 2020, 10, 33279-33287.	3.6	2
32	A deep learning model (FociRad) for automated detection of $\hat{3}$ -H2AX foci and radiation dose estimation. <i>Scientific Reports</i> , 2022, 12, 5527.	3.3	2
33	Hybrid Fluorescent-Magnetic Polymeric Particles for Biomedical Applications. <i>Advanced Materials Research</i> , 2014, 893, 329-336.	0.3	1
34	Enrichment of human $\hat{3}\hat{2}$ T lymphocytes by magnetic poly(divinylbenzene-co-glycidyl methacrylate) colloidal particles conjugated with specific antibody. <i>RSC Advances</i> , 2018, 8, 14393-14400.	3.6	1
35	Bioprobe-conjugate polymeric micro/nanoparticles as detection tools for infectious diseases. , 2021, , 567-595.		1
36	Preparation of pH-Responsive Nanoparticles (PRNPs) for Detection of Pathogenic <i>Escherichia coli</i> from Stool Sample of Diarrheagenic Patients. <i>Key Engineering Materials</i> , 0, 803, 172-177.	0.4	0