Kulachart Jangpatarapongsa

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4397726/publications.pdf

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	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. PLoS ONE, 2022, 17, e0265643.	2.5	3
2	A deep learning model (FociRad) for automated detection of Î³-H2AX foci and radiation dose estimation. Scientific Reports, 2022, 12, 5527.	3.3	2
3	A model of modified meta-iodobenzylguanidine conjugated gold nanoparticles for neuroblastoma treatment. RSC Advances, 2021, 11, 25199-25206.	3.6	3
4	Bioprobe-conjugate polymeric micro/nanoparticles as detection tools for infectious diseases. , 2021, , 567-595.		1
5	Development of loop-mediated isothermal amplification (LAMP) assay using SYBR safe and gold-nanoparticle probe for detection of Leishmania in HIV patients. Scientific Reports, 2021, 11, 12152.	3.3	16
6	Heat-enhancing aggregation of gold nanoparticles combined with loop-mediated isothermal amplification (HAG-LAMP) for Plasmodium falciparum detection. Journal of Pharmaceutical and Biomedical Analysis, 2021, 203, 114178.	2.8	12
7	Increased sensitivity of enterotoxigenic Escherichia coli detection in stool samples using oligonucleotide immobilized-magnetic nanoparticles. Biotechnology Reports (Amsterdam,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5		3
8	Automated segmentation of lung, liver, and liver tumors from Tcâ€99m MAA SPECT/CT images for Yâ€90 radioembolization using convolutional neural networks. Medical Physics, 2021, 48, 7877-7890.	3.0	8
9	Near-infrared polyfluorene encapsulated in poly(Îµ-caprolactone) nanoparticles with remarkable large Stokes shift. RSC Advances, 2020, 10, 33279-33287.	3.6	2
10	Fabrication of functional hollow magnetic polymeric nanoparticles with controllable magnetic location. Colloids and Surfaces B: Biointerfaces, 2019, 184, 110557.	5.0	10
11	PMMA particles coated with chitosan-silver nanoparticles as a dual antibacterial modifier for natural rubber latex films. Colloids and Surfaces B: Biointerfaces, 2019, 174, 544-552.	5.0	35
12	Antigen-Presenting Cell Characteristics of Human Î³Î´ T Lymphocytes in Chronic Myeloid Leukemia. Immunological Investigations, 2019, 48, 11-26.	2.0	9
13	Enrichment of human VÎ³9VÎ´2 T lymphocytes by magnetic poly(divinylbenzene-co-glycidyl methacrylate) colloidal particles conjugated with specific antibody. RSC Advances, 2018, 8, 14393-14400.	3.6	1
14	Sensitive detection of the IS6110 sequence of Mycobacterium tuberculosis complex based on PCR-magnetic bead ELISA. RSC Advances, 2018, 8, 33674-33680.	3.6	8
15	Inhibitory effect of oxidative damage on cardiomyocyte differentiation from Wharton's jellyâ€derived mesenchymal stem cells. Experimental and Therapeutic Medicine, 2017, 14, 5329-5338.	1.8	3
16	Magnetic particles for in vitro molecular diagnosis: From sample preparation to integration into microsystems. Colloids and Surfaces B: Biointerfaces, 2017, 158, 1-8.	5.0	26
17	Enhanced Sensitivity for Detection of Plasmodium falciparum gametocytes by magnetic nanoparticles combined with enzyme substrate system. Talanta, 2017, 164, 645-650.	5.5	9
18	Combination of PCR and dual nanoparticles for detection of Plasmodium falciparum. Colloids and Surfaces B: Biointerfaces, 2017, 159, 888-897.	5.0	8

#	Article	IF	Citations
19	Magnetic Nanoparticles PCR Enzymeâ€Linked Gene Assay for Quantitative Detection of BCR/ABL Fusion Gene in Chronic Myelogenous Leukemia. Journal of Clinical Laboratory Analysis, 2016, 30, 534-542.	2.1	9
20	Detection of Campylobacter DNA using magnetic nanoparticles coupled with PCR and a colorimetric end-point system. Food Science and Biotechnology, 2016, 25, 193-198.	2.6	13
21	Mesenchymal stem cell in vitro labeling by hybrid fluorescent magnetic polymeric particles for application in cell tracking. Medical Molecular Morphology, 2015, 48, 204-213.	1.0	7
22	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. EXCLI Journal, 2015, 14, 926-34.	0.7	5
23	Hybrid Fluorescent-Magnetic Polymeric Particles for Biomedical Applications. Advanced Materials Research, 2014, 893, 329-336.	0.3	1
24	[6]-Gingerol-loaded cellulose acetate electrospun fibers as a topical carrier for controlled release. Polymer Bulletin, 2014, 71, 3163-3176.	3.3	32
25	Fluorescent chitosan functionalized magnetic polymeric nanoparticles: Cytotoxicity and inÂvitro evaluation of cellular uptake. Journal of Biomaterials Applications, 2014, 29, 761-768.	2.4	15
26	Reduction of cytotoxicity of natural rubber latex film by coating with PMMA-chitosan nanoparticles. Carbohydrate Polymers, 2013, 97, 52-58.	10.2	16
27	Sensitivity and specificity of <scp>PS</scp>/<scp>AA</scp>â€modified nanoparticles used in malaria detection. Microbial Biotechnology, 2013, 6, 406-413.	4.2	13
28	Detection of Vibrio cholerae Using the Intrinsic Catalytic Activity of a Magnetic Polymeric Nanoparticle. Analytical Chemistry, 2013, 85, 5996-6002.	6.5	49
29	Enrichment of Malaria Parasites by Antibody Immobilized Magnetic Nanoparticles. Journal of Biomedical Nanotechnology, 2013, 9, 1768-1775.	1.1	10
30	Immunity to Malaria in Plasmodium vivax Infection: A Study in Central China. PLoS ONE, 2012, 7, e45971.	2.5	14
31	DNAdetection of chronic myelogenous leukemia by magnetic nanoparticles. Analyst, The, 2011, 136, 354-358.	3.5	22
32	In vitro cytotoxicity evaluation of natural rubber latex film surface coated with PMMA nanoparticles. Colloids and Surfaces B: Biointerfaces, 2010, 78, 328-333.	5.0	22
33	Plasmodium vivax parasites alter the balance of myeloid and plasmacytoid dendritic cells and the induction of regulatory T cells. European Journal of Immunology, 2008, 38, 2697-2705.	2.9	81
34	Memory T cells protect against Plasmodium vivax infection. Microbes and Infection, 2006, 8, 680-686.	1.9	24
35	Improving Malaria Diagnosis via Latex Immunoagglutination Assay in Microfluidic Device. Advanced Materials Research, 0, 93-94, 292-295.	0.3	2
36	Preparation of pH-Responsive Nanoparticles (PRNPs) for Detection of Pathogenic <i>Escherichia coli </i>from Stool Sample of Diarrheagenic Patients. Key Engineering Materials, 0, 803, 172-177.	0.4	0