Sin-Yeang Teow

List of Publications by Year
in descending order

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Version: 2024-02-01

		331538	265120
45	1,924	21	42
papers	citations	h-index	g-index

45	45	45	2742
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Fabrication of cellulose nanocrystals as potential anticancer drug delivery systems for colorectal cancer treatment. International Journal of Biological Macromolecules, 2022, 199, 372-385.	3.6	25
2	Green synthesis of Fe3O4 nanoparticles for hyperthermia, magnetic resonance imaging and 5-fluorouracil carrier in potential colorectal cancer treatment. Research on Chemical Intermediates, 2021, 47, 1789-1808.	1.3	33
3	Delivery of Drug Payloads to Organs and Organ-Systems. Nanotechnology in the Life Sciences, 2021, , 199-224.	0.4	1
4	Green Synthesis of Fe3O4 Nanoparticles Stabilized by a Garcinia mangostana Fruit Peel Extract for Hyperthermia and Anticancer Activities. International Journal of Nanomedicine, 2021, Volume 16, 2515-2532.	3.3	83
5	Interplay of autophagy and cancer stem cells in hepatocellular carcinoma. Molecular Biology Reports, 2021, 48, 3695-3717.	1.0	12
6	Development of Polymer-Assisted Nanoparticles and Nanogels for Cancer Therapy: An Update. Gels, 2021, 7, 60.	2.1	31
7	5-Fluorouracil Encapsulated Chitosan-Cellulose Fiber Bionanocomposites: Synthesis, Characterization and In Vitro Analysis towards Colorectal Cancer Cells. Nanomaterials, 2021, 11, 1691.	1.9	27
8	Development of a Polysaccharide-Based Hydrogel Drug Delivery System (DDS): An Update. Gels, 2021, 7, 153.	2.1	45
9	Anticancer Activity of 5-Fluorouracil-Loaded Nanoemulsions Containing Fe3O4/Au Core-Shell Nanoparticles. Journal of Molecular Structure, 2021, 1245, 131075.	1.8	12
10	5-Fluorouracil loaded magnetic cellulose bionanocomposites for potential colorectal cancer treatment. Carbohydrate Polymers, 2021, 273, 118523.	5.1	35
11	Emerging therapeutic roles of exosomes in HIV-1 infection. , 2020, , 147-178.		6
12	Evaluating Anticancer Activity of Plant-Mediated Synthesized Iron Oxide Nanoparticles Using Punica Granatum Fruit Peel Extract. Journal of Molecular Structure, 2020, 1204, 127539.	1.8	102
13	Electrospun cellulose acetate butyrate/polyethylene glycol (CAB/PEG) composite nanofibers: A potential scaffold for tissue engineering. Colloids and Surfaces B: Biointerfaces, 2020, 188, 110713.	2.5	57
14	Current Update of Laboratory Molecular Diagnostics Advancement in Management of Colorectal Cancer (CRC). Diagnostics, 2020, 10, 9.	1.3	24
15	The Potential Anticancer Activity of 5-Fluorouracil Loaded in Cellulose Fibers Isolated from Rice Straw . International Journal of Nanomedicine, 2020, Volume 15, 5417-5432.	3.3	36
16	Potential use of plasma focus radiation sources in superficial cancer therapy. Japanese Journal of Applied Physics, 2020, 59, SHHB06.	0.8	5
17	Green Synthesized Montmorillonite/Carrageenan/Fe3O4 Nanocomposites for pH-Responsive Release of Protocatechuic Acid and Its Anticancer Activity. International Journal of Molecular Sciences, 2020, 21, 4851.	1.8	29
18	Recent Developments in the Facile Bio-Synthesis of Gold Nanoparticles (AuNPs) and Their Biomedical Applications . International Journal of Nanomedicine, 2020, Volume 15, 275-300.	3.3	256

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19	Crystal structure of chlorido-(O-methyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 752 Td (phenylcarbamothioamide-Î²S-C₄₄H₃₉AgClNOP₂S. Zeitschrift Fur Kristallographie - New Crystal Structures, 2020, 235, 1473-1475.	0.1	1
20	Crystal structure of chlorido-(O-ethyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 712 Td (phenylcarbamothioamide-Î²S)-bis(triphenylphosphane-Î²P)silver(I), C₄₅H₄₁AgClNOP₂S. Zeitschrift Fur Kristallographie - New Crystal Structures, 2020, 235, 1477-1480.	0.1	1
21	Bio-Mediated Synthesis and Characterisation of Silver Nanocarrier, and Its Potent Anticancer Action. Nanomaterials, 2019, 9, 1423.	1.9	40
22	Potential anticancer activity of protocatechuic acid loaded in montmorillonite/Fe3O4 nanocomposites stabilized by seaweed Kappaphycus alvarezii. International Journal of Pharmaceutics, 2019, 572, 118743.	2.6	19
23	Development of a luciferase/luciferin cell proliferation (XenoLuc) assay for real-time measurements of Gfp-Luc2-modified cells in a co-culture system. BMC Biotechnology, 2019, 19, 34.	1.7	4
24	Antibacterial and cytotoxic effect of honey mediated copper nanoparticles synthesized using ultrasonic assistance. Materials Science and Engineering C, 2019, 104, 109899.	3.8	43
25	Epstein-Barr Virus- (EBV-) Immortalized Lymphoblastoid Cell Lines (LCLs) Express High Level of CD23 but Low CD27 to Support Their Growth. Advances in Virology, 2019, 2019, 1-9.	0.5	3
26	Cytotoxicity and antibacterial activities of plant-mediated synthesized zinc oxide (ZnO) nanoparticles using Punica granatum (pomegranate) fruit peels extract. Journal of Molecular Structure, 2019, 1189, 57-65.	1.8	140
27	Application of Metal Nanoparticleâ€“Hydrogel Composites in Tissue Regeneration. Bioengineering, 2019, 6, 17.	1.6	96
28	Green fabrication of biologically active magnetic core-shell Fe3O4/Au nanoparticles and their potential anticancer effect. Materials Science and Engineering C, 2019, 96, 51-57.	3.8	55
29	Pathogenic Role of Immune Cells in Rheumatoid Arthritis: Implications in Clinical Treatment and Biomarker Development. Cells, 2018, 7, 161.	1.8	254
30	Antibody-Mediated Therapy against HIV/AIDS: Where Are We Standing Now?. Journal of Pathogens, 2018, 2018, 1-9.	0.9	20
31	Review of Current Cell-Penetrating Antibody Developments for HIV-1 Therapy. Molecules, 2018, 23, 335.	1.7	8
32	Bactericidal Properties of Plants-Derived Metal and Metal Oxide Nanoparticles (NPs). Molecules, 2018, 23, 1366.	1.7	34
33	CD24, CD44 and EpCAM enrich for tumour-initiating cells in a newly established patient-derived xenograft of nasopharyngeal carcinoma. Scientific Reports, 2017, 7, 12372.	1.6	15
34	Pathogenic Role of Exosomes in Epstein-Barr Virus (EBV)-Associated Cancers. International Journal of Biological Sciences, 2017, 13, 1276-1286.	2.6	41
35	Epstein-Barr Virus as a Promising Immunotherapeutic Target for Nasopharyngeal Carcinoma Treatment. Journal of Pathogens, 2017, 2017, 1-10.	0.9	17
36	Exosomes as the Promising Biomarker for Epstein-Barr Virus (EBV)-Associated Cancers. , 2017, , .		0

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37	Altered antibacterial activity of Curcumin in the presence of serum albumin, plasma and whole blood. Pakistan Journal of Pharmaceutical Sciences, 2017, 30, 449-457.	0.2	3
38	Antibacterial Action of Curcumin against Staphylococcus aureus: A Brief Review. Journal of Tropical Medicine, 2016, 2016, 1-10.	0.6	208
39	Exosomes in Human Immunodeficiency Virus Type I Pathogenesis: Threat or Opportunity?. Advances in Virology, 2016, 2016, 1-8.	0.5	37
40	A Cell Internalizing Antibody Targeting Capsid Protein (p24) Inhibits the Replication of HIV-1 in T Cells Lines and PBMCs: A Proof of Concept Study. PLoS ONE, 2016, 11, e0145986.	1.1	16
41	Report: Antibacterial activity of a peptide derived from HIV-1 MN strain gp41 envelope glycoprotein against methicillin-resistant Staphylococcus aureus. Pakistan Journal of Pharmaceutical Sciences, 2016, 29, 2119-2124.	0.2	0
42	Engineering and Validation of a Vector for Concomitant Expression of Rare Transfer RNA (tRNA) and HIV-1 nef Genes in Escherichia coli. PLoS ONE, 2015, 10, e0130446.	1.1	5
43	Synergistic antibacterial activity of Curcumin with antibiotics against Staphylococcus aureus. Pakistan Journal of Pharmaceutical Sciences, 2015, 28, 2109-14.	0.2	18
44	Dengue Virus Type 2 (DENV2)-Induced Oxidative Responses in Monocytes from Glucose-6-Phosphate Dehydrogenase (G6PD)-Deficient and G6PD Normal Subjects. PLoS Neglected Tropical Diseases, 2014, 8, e2711.	1.3	20
45	Production and purification of polymerization-competent HIV-1 capsid protein p24 (CA) in NiCo21(DE3) Escherichia coli. BMC Biotechnology, 2013, 13, 107.	1.7	7