

Kei-Xian Tan

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

389
citations

949033

11
h-index

889612

19
g-index

25
all docs

25
docs citations

25
times ranked

649
citing authors

#	ARTICLE	IF	CITATIONS
1	Drug delivery systems for cardiovascular ailments. , 2021, , 567-599.		3
2	Engineered Aptamers for Enhanced COVID-19 Theranostics. Cellular and Molecular Bioengineering, 2021, 14, 209-221.	1.0	14
3	Oncological Ligand-Target Binding Systems and Developmental Approaches for Cancer Theranostics. Molecular Biotechnology, 2021, 63, 167-183.	1.3	4
4	Formulation Development of a Food-Graded Curcumin-Loaded Medium Chain Triglycerides-Encapsulated Kappa Carrageenan (CUR-MCT-KC) Gel Bead Based Oral Delivery Formulation. Materials, 2021, 14, 2783.	1.3	12
5	Therapeutic Applications of Metal and Metal-Oxide Nanoparticles: Dermato-Cosmetic Perspectives. Frontiers in Bioengineering and Biotechnology, 2021, 9, 724499.	2.0	25
6	Aptamers: an emerging class of bioaffinity ligands in bioactive peptide applications. Critical Reviews in Food Science and Nutrition, 2020, 60, 1195-1206.	5.4	29
7	Atomistic probing of aptameric binding of CD19 outer membrane domain reveals an "aptamer walking" mechanism. Biotechnology Progress, 2020, 36, e2957.	1.3	3
8	Advancing Aptamers as Molecular Probes for Cancer Theranostic Applications – The Role of Molecular Dynamics Simulation. Biotechnology Journal, 2020, 15, e1900368.	1.8	22
9	Prospects of kefiran as a food-derived biopolymer for agri-food and biomedical applications. RSC Advances, 2020, 10, 25339-25351.	1.7	26
10	Aptamer-navigated copolymeric drug carrier system for in vitro delivery of MgO nanoparticles as insulin resistance reversal drug candidate in Type 2 diabetes. Journal of Drug Delivery Science and Technology, 2020, 57, 101764.	1.4	8
11	Developing Nano-Delivery Systems for Agriculture and Food Applications with Nature-Derived Polymers. IScience, 2020, 23, 101055.	1.9	96
12	Binding Characterization of Aptamer-Drug Layered Microformulations and In Vitro Release Assessment. Journal of Pharmaceutical Sciences, 2019, 108, 2934-2941.	1.6	10
13	Colloidal formulation of aptamers for advanced therapeutic delivery. , 2019, , 311-329.		0
14	Cardiovascular therapies utilizing targeted delivery of nanomedicines and aptamers. International Journal of Pharmaceutics, 2019, 558, 413-425.	2.6	25
15	Design and characterization of a multi-layered polymeric drug delivery vehicle. Canadian Journal of Chemical Engineering, 2019, 97, 1243-1252.	0.9	4
16	IT TAKES A VILLAGE: IGNITING THE SCIENTIST IN LOWER TRACK STUDENTS THROUGH PARTNERSHIPS. , 2019, , .		0
17	Process evaluation and in vitro selectivity analysis of aptamer-drug polymeric formulation for targeted pharmaceutical delivery. Biomedicine and Pharmacotherapy, 2018, 101, 996-1002.	2.5	4
18	Biophysical characterization of layer-by-layer synthesis of aptamer-drug microparticles for enhanced cell targeting. Biotechnology Progress, 2018, 34, 249-261.	1.3	8

#	ARTICLE	IF	CITATIONS
19	Prospects in the use of aptamers for characterizing the structure and stability of bioactive proteins and peptides in food. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 297-306.	1.9	14
20	Peptides for biopharmaceutical applications. , 2018, , 231-251.		8
21	Risks and toxicity of nanoparticles and nanostructured materials. , 2018, , 121-139.		24
22	Aptamer-Mediated Polymeric Vehicles for Enhanced Cell-Targeted Drug Delivery. <i>Current Drug Targets</i> , 2018, 19, 248-258.	1.0	10
23	Towards targeted cancer therapy: Aptamer or oncolytic virus?. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 96, 8-19.	1.9	23
24	Turning chemical and pharmaceutical to multi-drug formulation. <i>Drug Designing: Open Access</i> , 2017, 06, .	0.2	0
25	An overview of the characteristics of the novel avian influenza A H7N9 virus in humans. <i>Frontiers in Microbiology</i> , 2015, 6, 140.	1.5	17