Cha-Mei Tang

List of Publications by Year
in descending order

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39 papers	2,322 citations	361045 20 h-index	315357 38 g-index
39 all docs	39 docs citations	39 times ranked	2575 citing authors

#	Article	IF	Citations
1	Clinical Applications of Cancer-Associated Cells Present in the Blood of Cancer Patients. Biomedicines, 2022, 10, 587.	1.4	9
2	CCR5 activation and endocytosis in circulating tumor-derived cells isolated from the blood of breast cancer patients provide information about clinical outcome. Breast Cancer Research, 2022, 24, .	2.2	10
3	Beta 2-Adrenergic Receptor in Circulating Cancer-Associated Cells Predicts for Increases in Stromal Macrophages in Circulation and Patient Survival in Metastatic Breast Cancer. International Journal of Molecular Sciences, 2022, 23, 7299.	1.8	2
4	Giant Circulating Cancer-Associated Macrophage-Like Cells Are Associated With Disease Recurrence and Survival in Nonâ€“Small-Cell Lung Cancer Treated With Chemoradiation and Atezolizumab. Clinical Lung Cancer, 2021, 22, e451-e465.	1.1	26
5	Circulating stromal cells in resectable pancreatic cancer correlates to pathological stage and predicts for poor clinical outcomes. Npj Precision Oncology, 2021, 5, 25.	2.3	14
6	Bloodâ€based biopsiesâ€"clinical utility beyond circulating tumor cells. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2018, 93, 1246-1250.	1.1	19
7	Filtration and Analysis of Circulating Cancer Associated Cells from the Blood of Cancer Patients. Methods in Molecular Biology, 2017, 1572, 511-524.	0.4	7
8	Sequential Tracking of PD-L1 Expression and RAD50 Induction in Circulating Tumor and Stromal Cells of Lung Cancer Patients Undergoing Radiotherapy. Clinical Cancer Research, 2017, 23, 5948-5958.	3.2	85
9	Enrichment and Molecular Analysis of Breast Cancer Disseminated Tumor Cells from Bone Marrow Using Microfiltration. PLoS ONE, 2017, 12, e0170761.	1.1	9
10	Size-based detection of sarcoma circulating tumor cells and cell clusters. Oncotarget, 2017, 8, 78965-78977.	0.8	44
11	Multi-Phenotypic subtyping of circulating tumor cells using sequential fluorescent quenching and restaining. Scientific Reports, 2016, 6, 33488.	1.6	40
12	Circulating Cancer-Associated Macrophage-Like Cells Differentiate Malignant Breast Cancer and Benign Breast Conditions. Cancer Epidemiology Biomarkers and Prevention, 2016, 25, 1037-1042.	1.1	61
13	Mitosis in circulating tumor cells stratifies highly aggressive breast carcinomas. Breast Cancer Research, 2016, 18, 44.	2.2	34
14	Detection of tumor-associated cells in cryopreserved peripheral blood mononuclear cell samples for retrospective analysis. Journal of Translational Medicine, 2016, 14, 198.	1.8	17
15	Polymer microfilters with nanostructured surfaces for the culture of circulating cancer cells. Materials Science and Engineering C, 2016, 66, 193-198.	3.8	7
16	Precision microfilters as an all in one system for multiplex analysis of circulating tumor cells. RSC Advances, 2016, 6, 6405-6414.	1.7	29
17	Cytometric characterization of Circulating Tumor Cells Captured by microfiltration and their correlation to the cellsearch^{Â®} CTC test. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2015, 87, 137-144.	1.1	129
18	Circulating giant macrophages as a potential biomarker of solid tumors. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 3514-3519.	3.3	229

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19	High-aspect-ratio nanoporous membranes made by reactive ion etching and e-beam and interference lithography. Microsystem Technologies, 2014, 20, 1797-1802.	1.2	3
20	The systematic study of circulating tumor cell isolation using lithographic microfilters. RSC Advances, 2014, 4, 4334-4342.	1.7	127
21	Quantitative detection of zeta-chain-associated protein 70 expression in chronic lymphocytic leukemia. Leukemia and Lymphoma, 2013, 54, 579-586.	0.6	1
22	Detection of E. coli O157:H7 by immunomagnetic separation coupled with fluorescence immunoassay. Biosensors and Bioelectronics, 2011, 30, 337-341.	5.3	72
23	Fabrication of antiscatter grids and collimators for X-ray and gamma-ray imaging by lithography and electroforming. Microsystem Technologies, 2008, 14, 1613-1619.	1.2	7
24	Rapid replication of powder composite high-aspect-ratio microstructures using silicone rubber micromolds. Microsystem Technologies, 2008, 14, 1663-1667.	1.2	12
25	Development of a rapid and sensitive immunoassay for detection and subsequent recovery of Bacillus anthracis spores in environmental samples. Journal of Microbiological Methods, 2008, 73, 242-246.	0.7	41
26	Detection of water-borne E. coli O157 using the integrating waveguide biosensor. Biosensors and Bioelectronics, 2005, 21, 678-683.	5.3	66
27	Microfabrication of freestanding metal structures using graphite substrate. Sensors and Actuators A: Physical, 2003, 103, 182-186.	2.0	20
28	Grid and Slot Scan Scatter Reduction in Mammography: Comparison by Using Monte Carlo Techniques. Radiology, 2002, 222, 519-527.	3.6	60
29	Development and Monte Carlo Analysis of Antiscatter Grids for Mammography. Technology in Cancer Research and Treatment, 2002, 1, 441-447.	0.8	17
30	Theory of electromagnetic instability of an intense beam in a quadrupole focusing system. Physical Review A, 1992, 45, 7492-7499.	1.0	1
31	Relativistic Self-Focusing of Short-Pulse Radiation Beams in Plasmas. IEEE Transactions on Plasma Science, 1987, 15, 145-153.	0.6	271
32	Three-dimensional numerical simulations of FEL's by the transverse mode spectral method. IEEE Journal of Quantum Electronics, 1985, 21, 970-978.	1.0	31
33	Laser Beat Wave Electron Accelerator. IEEE Transactions on Nuclear Science, 1981, 28, 3346-3348.	1.2	27
34	Three-Dimensional Nonlinear Theory of the Free Electron Laser. AIAA Journal, 1981, 19, 1164-1168.	1.5	15
35	Nonlinear theory of free-electron lasers and efficiency enhancement. Physical Review A, 1980, 21, 302-318.	1.0	206
36	Nonlinear Formulation and Efficiency Enhancement of Free-Electron Lasers. Physical Review Letters, 1979, 43, 1932-1936.	2.9	115

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37	Collective Ion Acceleration with an Intense REB in a Periodic Waveguide. IEEE Transactions on Nuclear Science, 1979, 26, 4229-4230.	1.2	0
38	Small-scale structure of two-dimensional magnetohydrodynamic turbulence. Journal of Fluid Mechanics, 1979, 90, 129-143.	1.4	444
39	Two-dimensional turbulence on the surface of a sphere. Journal of Fluid Mechanics, 1978, 87, 305-319.	1.4	15