

Leili Shahriyari

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

544
citations

687363

13
h-index

677142

22
g-index

28
all docs

28
docs citations

28
times ranked

412
citing authors

#	ARTICLE	IF	CITATIONS
1	Symmetric vs. Asymmetric Stem Cell Divisions: An Adaptation against Cancer?. PLoS ONE, 2013, 8, e76195.	2.5	103
2	Effect of normalization methods on the performance of supervised learning algorithms applied to HTSeq-FPKM-UQ data sets: 7SK RNA expression as a predictor of survival in patients with colon adenocarcinoma. Briefings in Bioinformatics, 2019, 20, 985-994.	6.5	55
3	A review of digital cytometry methods: estimating the relative abundance of cell types in a bulk of cells. Briefings in Bioinformatics, 2021, 22, .	6.5	44
4	Complex role of space in the crossing of fitness valleys by asexual populations. Journal of the Royal Society Interface, 2014, 11, 20140014.	3.4	35
5	Translating graphs by mean curvature flow. Geometriae Dedicata, 2015, 175, 57-64.	0.3	33
6	The role of the bi-compartmental stem cell niche in delaying cancer. Physical Biology, 2015, 12, 055001.	1.8	29
7	BAP1 expression is prognostic in breast and uveal melanoma but not colon cancer and is highly positively correlated with RBM15B and USP19. PLoS ONE, 2019, 14, e0211507.	2.5	26
8	Data-Driven Mathematical Model of Osteosarcoma. Cancers, 2021, 13, 2367.	3.7	20
9	Immune classification of osteosarcoma. Mathematical Biosciences and Engineering, 2021, 18, 1879-1897.	1.9	20
10	The role of cell location and spatial gradients in the evolutionary dynamics of colon and intestinal crypts. Biology Direct, 2016, 11, 42.	4.6	19
11	Immune classification of clear cell renal cell carcinoma. Scientific Reports, 2021, 11, 4338.	3.3	18
12	A Mathematical Model of Breast Tumor Progression Based on Immune Infiltration. Journal of Personalized Medicine, 2021, 11, 1031.	2.5	18
13	Control of cell fraction and population recovery during tissue regeneration in stem cell lineages. Journal of Theoretical Biology, 2018, 445, 33-50.	1.7	17
14	Data Driven Mathematical Model of Colon Cancer Progression. Journal of Clinical Medicine, 2020, 9, 3947.	2.4	15
15	Data Driven Mathematical Model of FOLFIRI Treatment for Colon Cancer. Cancers, 2021, 13, 2632.	3.7	14
16	Cell dynamics in tumour environment after treatments. Journal of the Royal Society Interface, 2017, 14, 20160977.	3.4	12
17	RGS5 plays a significant role in renal cell carcinoma. Royal Society Open Science, 2020, 7, 191422.	2.4	11
18	Investigating Optimal Chemotherapy Options for Osteosarcoma Patients through a Mathematical Model. Cells, 2021, 10, 2009.	4.1	11

#	ARTICLE	IF	CITATIONS
19	A new hypothesis: some metastases are the result of inflammatory processes by adapted cells, especially adapted immune cells at sites of inflammation. <i>F1000Research</i> , 2016, 5, 175.	1.6	9
20	A PDE Model of Breast Tumor Progression in MMTV-PyMT Mice. <i>Journal of Personalized Medicine</i> , 2022, 12, 807.	2.5	7
21	The role of backward cell migration in two-hit mutantsâ€™ production in the stem cell niche. <i>PLoS ONE</i> , 2017, 12, e0184651.	2.5	6
22	Investigating key cell types and molecules dynamics in PyMT mice model of breast cancer through a mathematical model. <i>PLoS Computational Biology</i> , 2022, 18, e1009953.	3.2	5
23	TumorDecon: A digital cytometry software. <i>SoftwareX</i> , 2022, 18, 101072.	2.6	5
24	Learning to translate with products of novices: a suite of open-ended challenge problems for teaching MT. <i>Transactions of the Association for Computational Linguistics</i> , 2013, 1, 165-178.	4.8	4
25	Modeling Cell Dynamics in Colon and Intestinal Crypts: The Significance of Central Stem Cells in Tumorigenesis. <i>Bulletin of Mathematical Biology</i> , 2018, 80, 2273-2305.	1.9	3