Seyed Peyman Shariatpanahi

List of Publications by Citations

22 papers	131 citations	6 h-index	10 g-index
28 ext. papers	178 ext. citations	4.3 avg, IF	2.68 L-index

#	Paper	IF	Citations
22	Micro helical polymeric structures produced by variable voltage direct electrospinning. *Soft Matter*, **2011**, 7, 10548	3.6	30
21	Ethanol sensing properties of PVP electrospun membranes studied by quartz crystal microbalance. *Measurement: Journal of the International Measurement Confederation*, **2016**, 78, 283-288	4.6	24
20	Mathematical modeling of tumor-induced immunosuppression by myeloid-derived suppressor cells: Implications for therapeutic targeting strategies. *Journal of Theoretical Biology*, **2018**, 442, 1-10	2.3	16
19	Electrical bending instability in electrospinning visco-elastic solutions. *Journal of Polymer Science, Part B: Polymer Physics*, **2016**, 54, 1036-1042	2.6	11
18	Assessing the effectiveness of disease awareness programs: Evidence from Google Trends data for the world awareness dates. *Telematics and Informatics*, **2017**, 34, 904-913	8.1	10
17	Toward a simulated replica of futures: Classification and possible trajectories of simulation in futures studies. *Futures*, **2016**, 81, 40-53	3.6	8
16	Designing a magnetic inductive micro-electrode for virus monitoring: modelling and feasibility for hepatitis B virus. *Mikrochimica Acta*, **2020**, 187, 463	5.8	5
15	Dormant Tumor Cell Vaccination: A Mathematical Model of Immunological Dormancy in Triple-Negative Breast Cancer. *Cancers*, **2021**, 13,	6.6	5
14	Electromechanical resonator based on electrostatically actuated graphene-doped PVP nanofibers. *Nanotechnology*, **2013**, 24, 135201	3.4	4
13	Different buckling regimes in direct electrospinning: A comparative approach to rope buckling. *Journal of Polymer Science, Part B: Polymer Physics*, **2016**, 54, 451-456	2.6	4
12	Friendship Network and Dental Brushing Behavior among Middle School Students: An Agent Based Modeling Approach. *PLoS ONE*, **2017**, 12, e0169236	3.7	3
11	Cellular stress response to extremely low-frequency electromagnetic fields (ELF-EMF): An explanation for controversial effects of ELF-EMF on apoptosis. *Cell Proliferation*, **2021**, e13154	7.9	2
10	Agent-Based Modeling: An Innovative Opportunity for Population-Based Oral Health Promotion. *Journal of Dentistry of Tehran University of Medical Sciences*, **2016**, 13, 73-76		2
9	Electromechanical resonators based on electrospun ZnO nanofibers. *Journal of Micro/ Nanolithography, MEMS, and MOEMS*, **2014**, 13, 043011	0.7	1
8	Electromagnetic field therapy in cardiovascular diseases: A review of patents, clinically effective devices, and mechanism of therapeutic effects. *Trends in Cardiovascular Medicine*, **2021**,	6.9	1
7	Necroptosis triggered by ROS accumulation and Ca overload, partly explains the inflammatory responses and anti-cancer effects associated with 1Hz, 100 mT ELF-MF in vivo. *Free Radical Biology and Medicine*, **2021**, 169, 84-98	7.8	1
6	Computational cognitive assistants for futures studies: Toward vision based simulation. *Futures*, **2016**, 81, 27-39	3.6	1

List of Publications

5	Conifer: clonal tree inference for tumor heterogeneity with single-cell and bulk sequencing data. *BMC Bioinformatics*, **2021**, 22, 416	3.6	1
4	Sex Differences in Healthy Eating: Investigating the Moderating Effect of Self-Efficacy.. *Journal of Nutrition Education and Behavior*, **2022**, 54, 151-158	2	0
3	Dynamic conceptual framework to investigate adoption of healthy diet through agent-based modelling. *British Food Journal*, **2021**, 123, 2743-2755	2.8	0
2	Mathematical modeling approach of cancer immunoediting reveals new insights in targeted-therapy and timing plan of cancer treatment. *Chaos, Solitons and Fractals*, **2021**, 152, 111349	9.3	0
1	From creativity to innovation and the role of competition networks: A cancer inspired two-step evolutionary agent-based model. *Journal of Simulation*, **2020**, 1-11	1.9	