

# Iana Ch Tsoneva

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

423  
citations

933447

10  
h-index

752698

20  
g-index

28  
all docs

28  
docs citations

28  
times ranked

454  
citing authors

#	ARTICLE	IF	CITATIONS
1	DNA-induced endocytosis upon local microinjection to giant unilamellar cationic vesicles. <i>European Biophysics Journal</i> , 1999, 28, 142-150.	2.2	73
2	Interactions of DNA with giant liposomes. <i>Chemistry and Physics of Lipids</i> , 1999, 101, 123-137.	3.2	68
3	Sphingosine-mediated electroporative DNA transfer through lipid bilayers. <i>FEBS Letters</i> , 1997, 415, 81-86.	2.8	49
4	Characterization and potential antitumor effect of a heteropolysaccharide produced by the red alga <i>Porphyridium sordidum</i> . <i>Engineering in Life Sciences</i> , 2019, 19, 978-985.	3.6	22
5	Protoplast Dielectrophoresis in Axisymmetric Fields. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 1985, 40, 735-739.	1.4	19
6	Induction of Apoptosis by Erucylphospho-N,N,N-trimethylammonium Is Associated with Changes in Signal Molecule Expression and Location. <i>Annals of the New York Academy of Sciences</i> , 2003, 1010, 307-310.	3.8	19
7	Electrodelivery of Drugs into Cancer Cells in the Presence of Poloxamer 188. <i>Journal of Biomedicine and Biotechnology</i> , 2010, 2010, 1-11.	3.0	18
8	New Insights in the Gene Electrotransfer Process: Evidence for the Involvement of the Plasmid DNA Topology. <i>Current Gene Therapy</i> , 2012, 12, 417-422.	2.0	17
9	Rhamnolipid Biosurfactants – Possible Natural Anticancer Agents and Autophagy Inhibitors. <i>Separations</i> , 2021, 8, 92.	2.4	16
10	Passive and electro-assisted delivery of hydrogel nanoparticles in solid tumors, visualized by optical and magnetic resonance imaging in vivo. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 905-914.	3.7	13
11	In Vitro Evaluation of Elastic Multiblock Co-polymers as a Scaffold Material for Reconstruction of Blood Vessels. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2011, 22, 2205-2226.	3.5	10
12	New Modality for Electrochemotherapy of Surface Tumors. <i>Biotechnology and Biotechnological Equipment</i> , 2012, 26, 3402-3406.	1.3	10
13	Red blood cell dielectrophoresis in axisymmetric fields. <i>Cell Biophysics</i> , 1986, 8, 89-101.	0.4	9
14	Electroinduction of long-lived membrane potentials in yeasts. <i>Bioelectrochemistry</i> , 1988, 19, 397-403.	1.0	9
15	Bacterial Natural Disaccharide (Trehalose Tetraester): Molecular Modeling and in Vitro Study of Anticancer Activity on Breast Cancer Cells. <i>Polymers</i> , 2020, 12, 499.	4.5	9
16	Thieno[2,3-d]pyrimidin-4(3H)-one Derivatives of Benzimidazole as Potential Anti- Breast Cancer (MDA-MB-231, MCF-7) Agents. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2021, 21, 1441-1450.	1.7	9
17	Electrically induced concentration fluctuations in <i>Escherichia coli</i> suspensions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2002, 209, 201-205.	4.7	8
18	Effect of Erufosine on the Reorganization of Cytoskeleton and Cell Death in Adherent Tumor and Non-Tumorigenic Cells. <i>Biotechnology and Biotechnological Equipment</i> , 2013, 27, 3695-3699.	1.3	7

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19	Redox-related Molecular Mechanism of Sensitizing Colon Cancer Cells to Camptothecin Analog SN38. <i>Anticancer Research</i> , 2020, 40, 5159-5170.	1.1	7
20	Electroporation, electrochemotherapy and electro-assisted drug delivery in cancer. A state-of-the-art review. <i>Biophysical Chemistry</i> , 2022, 286, 106819.	2.8	7
21	Kinetics of Calcium-Induced Fusion of Cell-Size Liposomes with Monolayers in Solutions of Different Osmolarity. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 1985, 40, 92-96.	1.4	5
22	Treatment of Melanoma by Electroporation of Bacillus Calmette-Guerin. <i>Biotechnology and Biotechnological Equipment</i> , 2011, 25, 2522-2524.	1.3	5
23	Electroinduced Delivery of Hydrogel Nanoparticles in Colon 26 Cells, Visualized by Confocal Fluorescence System. <i>Anticancer Research</i> , 2016, 36, 4601-4606.	1.1	4
24	Ca ion permeation through liposome membranes with heat generation by square-wave electric field. <i>Colloids and Surfaces B: Biointerfaces</i> , 2004, 33, 243-249.	5.0	3
25	Design, Cytotoxicity and Antiproliferative Activity of 4-Amino-5-methyl-thieno[2,3-d]pyrimidine-6-carboxylates against MFC-7 and MDA-MB-231 Breast Cancer Cell Lines. <i>Molecules</i> , 2022, 27, 3314.	3.8	3
26	Fluorescent Imaging for Assessment of the Effect of Combined Application of Electroporation and Rifampicin on HaCaT Cells as a New Therapeutic Approach for Psoriasis. <i>Sensors</i> , 2013, 13, 3625-3634.	3.8	2
27	Electroinduction of long-lived membrane potentials in yeasts. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1988, 253, 397-403.	0.1	1
28	Loading Efficiency of Polymersomes with Contrast Agents and their Intracellular Delivery: Quantum Dots Versus Organic Dyes. <i>Anticancer Research</i> , 2018, 38, 825-831.	1.1	1