

# Svetla D Petrova

## List of Publications by Year in descending order

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28  
papers

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citations

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940533

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times ranked

517  
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-organization and surface properties of hBest1 in models of biological membranes. <i>Advances in Colloid and Interface Science</i> , 2022, 302, 102619.	14.7	2
2	Cholesterol Alters the Phase Separation in Model Membranes Containing hBest1. <i>Molecules</i> , 2022, 27, 4267.	3.8	0
3	A Galantamine–Curcumin Hybrid Decreases the Cytotoxicity of Amyloid-Beta Peptide on SH-SY5Y Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7592.	4.1	3
4	Condensing Effect of Cholesterol on hBest1/POPC and hBest1/SM Langmuir Monolayers. <i>Membranes</i> , 2021, 11, 52.	3.0	2
5	Miscibility of hBest1 and sphingomyelin in surface films – A prerequisite for interaction with membrane domains. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 189, 110893.	5.0	4
6	Assembly of amphiphilic nucleic acid-polymer conjugates into complex superaggregates: Preparation, properties, and in vitro performance. <i>European Polymer Journal</i> , 2020, 131, 109692.	5.4	10
7	Effects of Ca <sup>2+</sup> , Glu and GABA on hBest1 and composite hBest1/POPC surface films. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 161, 192-199.	5.0	8
8	Effects of Ca <sup>2+</sup> ions on bestrophin-1 surface films. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 149, 226-232.	5.0	10
9	Effects of vipoxin and its components on HepG2 cells. <i>Toxicon</i> , 2015, 94, 36-44.	1.6	11
10	Autoantigenicity of human C1q is associated with increased hydrophobicity due to conformational transitions in the globular heads. <i>Molecular BioSystems</i> , 2015, 11, 1370-1377.	2.9	3
11	Transepithelial resistance in human bestrophin-1 stably transfected Madin–Darby canine kidney cells. <i>Biotechnology and Biotechnological Equipment</i> , 2015, 29, 101-104.	1.3	2
12	Changes in the functional characteristics of tumor and normal cells after treatment with extracts of white dead-nettle. <i>Biotechnology and Biotechnological Equipment</i> , 2015, 29, 181-188.	1.3	4
13	Interactions of pharmacologically active snake venom sPLA <sub>2</sub> with different cell lines. <i>Biotechnology and Biotechnological Equipment</i> , 2014, 28, 918-922.	1.3	2
14	Interaction of Bestrophin-1 with 1-palmitoyl-2-oleoyl-sn-glycero-3-phosphocholine (POPC) in surface films. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 122, 432-438.	5.0	12
15	Hemolytic activity and platelet aggregation inhibitory effect of vipoxin's basic sPLA <sub>2</sub> subunit. <i>Interdisciplinary Toxicology</i> , 2013, 6, 136-140.	1.0	7
16	Effect of Some Divalent Metal Ions on Enzymatic Activity of Secreted Phospholipase A <sub>2</sub> (sPLA <sub>2</sub> ) Isolated from Bulgarian <i>Vipera ammodytes meridionalis</i> . <i>Biotechnology and Biotechnological Equipment</i> , 2013, 27, 4181-4185.	1.3	7
17	Recognition of <i>Vipera ammodytes meridionalis</i> neurotoxin vipoxin and its components using phage-displayed scFv and polyclonal antivenom sera. <i>Toxicon</i> , 2012, 60, 802-809.	1.6	12
18	Acute toxicity of vipoxin and its components: is the acidic component an inhibitor of PLA <sub>2</sub> toxicity?. <i>Interdisciplinary Toxicology</i> , 2012, 5, 169-172.	1.0	3

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19	Kinetics of degradation of dipalmitoylphosphatidylcholine (DPPC) bilayers as a result of vipoxin phospholipase A2 activity: An atomic force microscopy (AFM) approach. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2011, 1808, 191-198.	2.6	12
20	New insight into the autoimmunogenicity of the complement protein C1q. <i>Molecular Immunology</i> , 2011, 48, 678-682.	2.2	15
21	Prolyl iminopeptidase from seeds of sunflower ( <i>Helianthus annuus</i> L.). <i>Acta Physiologiae Plantarum</i> , 2010, 32, 211-213.	2.1	6
22	Chaperone-Like Effect of Polyzwitterions on the Interaction of C1q with IgG. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2009, 64, 149-154.	1.4	6
23	Purification and characterization of the sunflower seed ( <i>Helianthus annuus</i> L.) major aminopeptidase. <i>Acta Physiologiae Plantarum</i> , 2009, 31, 199-205.	2.1	16
24	HPLC Assay of Phospholipase A <sub>2</sub> Activity Using Low-Temperature Derivatization of Fatty Acids. <i>Analytical Letters</i> , 2009, 42, 1341-1351.	1.8	10
25	CD45 negatively regulates tumour necrosis factor and interleukin-6 production in dendritic cells. <i>Immunology</i> , 2006, 118, 250-256.	4.4	29
26	CD45 regulates apoptosis in peripheral T lymphocytes. <i>International Immunology</i> , 2006, 18, 959-966.	4.0	11
27	Combinations of CD45 Isoforms Are Crucial for Immune Function and Disease. <i>Journal of Immunology</i> , 2006, 176, 3417-3425.	0.8	41
28	An effective method for bioconversion of delignified waste-cellulose fibers from the paper industry with a cellulase complex. <i>Bioresource Technology</i> , 2000, 71, 1-4.	9.6	51