

Kristina Elersic Filipic

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

344
citations

933447

10
h-index

839539

18
g-index

20
all docs

20
docs citations

20
times ranked

639
citing authors

#	ARTICLE	IF	CITATIONS
1	Virulence Potential of <i>Escherichia coli</i> Isolates from Skin and Soft Tissue Infections. <i>Journal of Clinical Microbiology</i> , 2009, 47, 1811-1817.	3.9	97
2	Influence of nanoparticle-membrane electrostatic interactions on membrane fluidity and bending elasticity. <i>Chemistry and Physics of Lipids</i> , 2014, 178, 52-62.	3.2	34
3	Interaction between Dipolar Lipid Headgroups and Charged Nanoparticles Mediated by Water Dipoles and Ions. <i>International Journal of Molecular Sciences</i> , 2013, 14, 15312-15329.	4.1	33
4	Reversible Carrier-Type Transitions in Gas-Sensing Oxides and Nanostructures. <i>ChemPhysChem</i> , 2010, 11, 3704-3712.	2.1	32
5	Oxidation of Inconel 625 superalloy upon treatment with oxygen or hydrogen plasma at high temperature. <i>Applied Surface Science</i> , 2014, 305, 674-682.	6.1	25
6	A new insight into more effective viscosupplementation based on the synergy of hyaluronic acid and phospholipids for cartilage friction reduction. <i>Biotribology</i> , 2021, 25, 100166.	1.9	16
7	Immobilization of protein streptavidin to the surface of PMMA polymer. <i>Vacuum</i> , 2012, 86, 773-775.	3.5	15
8	Electric-field controlled liposome formation with embedded superparamagnetic iron oxide nanoparticles. <i>Chemistry and Physics of Lipids</i> , 2012, 165, 120-124.	3.2	12
9	Morphological alterations of T24 cells on flat and nanotubular TiO ₂ surfaces. <i>Croatian Medical Journal</i> , 2012, 53, 577-585.	0.7	11
10	Recycling of Nonwoven Polyethylene Terephthalate Textile into Thermal and Acoustic Insulation for More Sustainable Buildings. <i>Polymers</i> , 2021, 13, 3090.	4.5	11
11	Polarization induced water molecule dissociation below the first-order electronic-phase transition temperature. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 15175.	2.8	10
12	Adsorption of protein streptavidin to the plasma treated surface of polystyrene. <i>Applied Surface Science</i> , 2012, 258, 5558-5560.	6.1	10
13	Plasma functionalization of titanium surface for repulsion of blood platelets. <i>Surface and Coatings Technology</i> , 2012, 211, 200-204.	4.8	8
14	Formation of Nanocones on Highly Oriented Pyrolytic Graphite by Oxygen Plasma. <i>Materials</i> , 2014, 7, 2014-2029.	2.9	7
15	Virulence Potential of <i>Escherichia coli</i> Isolates from Skin and Soft Tissue Infections. <i>Journal of Clinical Microbiology</i> , 2010, 48, 3462-3463.	3.9	6
16	Interaction of Oxygen Species With Graphene and Pyrolytic-Graphite Surfaces. <i>IEEE Transactions on Plasma Science</i> , 2011, 39, 2812-2813.	1.3	5
17	Growth of a Novel Nanostructured ZnO Urchin: Control of Cytotoxicity and Dissolution of the ZnO Urchin. <i>Nanoscale Research Letters</i> , 2015, 10, 441.	5.7	5
18	Development of Polymer/Nanodiamond Composite Coatings to Control Cell Adhesion, Growth, and Functions. <i>Behavior Research Methods</i> , 2015, 21, 1-26.	4.0	3

#	ARTICLE	IF	CITATIONS
19	Modelling the role of membrane mechanics in cell adhesion on titanium oxide nanotubes. Computer Methods in Biomechanics and Biomedical Engineering, 2022, , 1-10.	1.6	3
20	Etching of Bacterial Capsule and Cell Wall by Oxygen Plasma Afterglow. IEEE Transactions on Plasma Science, 2011, 39, 2972-2973.	1.3	1