

# 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  | Modelling the role of membrane mechanics in cell adhesion on titanium oxide nanotubes. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2022, , 1-10.                  | 1.6 | 3         |
| 2  | 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        |
| 3  | Recycling of Nonwoven Polyethylene Terephthalate Textile into Thermal and Acoustic Insulation for More Sustainable Buildings. <i>Polymers</i> , 2021, 13, 3090.                            | 4.5 | 11        |
| 4  | 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         |
| 5  | 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         |
| 6  | Formation of Nanocones on Highly Oriented Pyrolytic Graphite by Oxygen Plasma. <i>Materials</i> , 2014, 7, 2014-2029.  | 2.9 | 7         |
| 7  | 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        |
| 8  | 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        |
| 9  | 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        |
| 10 | Morphological alterations of T24 cells on flat and nanotubular TiO <sub>2</sub> surfaces. <i>Croatian Medical Journal</i> , 2012, 53, 577-585.   | 0.7 | 11        |
| 11 | Plasma functionalization of titanium surface for repulsion of blood platelets. <i>Surface and Coatings Technology</i> , 2012, 211, 200-204.  | 4.8 | 8         |
| 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 | 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        |
| 14 | Immobilization of protein streptavidin to the surface of PMMA polymer. <i>Vacuum</i> , 2012, 86, 773-775.  | 3.5 | 15        |
| 15 | 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        |
| 16 | Etching of Bacterial Capsule and Cell Wall by Oxygen Plasma Afterglow. <i>IEEE Transactions on Plasma Science</i> , 2011, 39, 2972-2973.   | 1.3 | 1         |
| 17 | Interaction of Oxygen Species With Graphene and Pyrolytic-Graphite Surfaces. <i>IEEE Transactions on Plasma Science</i> , 2011, 39, 2812-2813.   | 1.3 | 5         |
| 18 | Reversible Carrier-Type Transitions in Gas-Sensing Oxides and Nanostructures. <i>ChemPhysChem</i> , 2010, 11, 3704-3712.   | 2.1 | 32        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Virulence Potential of <i>Escherichia coli</i> Isolates from Skin and Soft Tissue Infections. Journal of Clinical Microbiology, 2010, 48, 3462-3463. | 3.9 | 6         |
| 20 | Virulence Potential of <i>Escherichia coli</i> Isolates from Skin and Soft Tissue Infections. Journal of Clinical Microbiology, 2009, 47, 1811-1817. | 3.9 | 97        |