

Ognen Pop-Georgievski

List of Publications by Year in descending order

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66
papers

2,150
citations

218677

26
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243625

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68
all docs

68
docs citations

68
times ranked

3260
citing authors

#	ARTICLE	IF	CITATIONS
1	Complement Activation Dramatically Accelerates Blood Plasma Fouling On Antifouling Poly(2-hydroxyethyl methacrylate) Brush Surfaces. <i>Macromolecular Bioscience</i> , 2022, 22, e2100460.	4.1	4
2	Poly(4-Styrenesulfonic Acid-co-maleic Anhydride)-Coated NaGdF ₄ :Yb,Tb,Nd Nanoparticles with Luminescence and Magnetic Properties for Imaging of Pancreatic Islets and Î ² -Cells. <i>ACS Applied Materials & Interfaces</i> , 2022, , .	8.0	3
3	Macroporous nitrogen-containing carbon for electrochemical capacitors. <i>Electrochimica Acta</i> , 2022, 418, 140370.	5.2	2
4	Grafting density and antifouling properties of poly[N-(2-hydroxypropyl) methacrylamide] brushes prepared by "grafting to" and "grafting from". <i>Polymer Chemistry</i> , 2022, 13, 3815-3826.	3.9	17
5	Potentiometric Performance of Ion-Selective Electrodes Based on Polyaniline and Chelating Agents: Detection of Fe ²⁺ or Fe ³⁺ Ions. <i>Biosensors</i> , 2022, 12, 446.	4.7	6
6	Protein corona of SiO ₂ nanoparticles with grafted thermoresponsive copolymers: Calorimetric insights on factors affecting entropy vs. enthalpy-driven associations. <i>Applied Surface Science</i> , 2022, 601, 154201.	6.1	9
7	Antifouling fluoropolymer-coated nanomaterials for ¹⁹ F MRI. <i>Chemical Communications</i> , 2021, 57, 4718-4721.	4.1	15
8	Direct and Indirect Biomimetic Peptide Modification of Alginate: Efficiency, Side Reactions, and Cell Response. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5731.	4.1	11
9	Unraveling the influence of substrate on the growth rate, morphology and covalent structure of surface adherent polydopamine films. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 205, 111897.	5.0	16
10	Thiolated poly(2-hydroxyethyl methacrylate) hydrogels as a degradable biocompatible scaffold for tissue engineering. <i>Materials Science and Engineering C</i> , 2021, 131, 112500.	7.3	8
11	Complexation of CXCL12, FGF-2 and VEGF with Heparin Modulates the Protein Release from Alginate Microbeads. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11666.	4.1	5
12	Bioengineering a pre-vascularized pouch for subsequent islet transplantation using VEGF-loaded polylactide capsules. <i>Biomaterials Science</i> , 2020, 8, 631-647.	5.4	23
13	Cerium Oxide-Decorated Î ³ -Fe ₂ O ₃ Nanoparticles: Design, Synthesis and in vivo Effects on Parameters of Oxidative Stress. <i>Frontiers in Chemistry</i> , 2020, 8, 682.	3.6	19
14	Surface Design of Antifouling Vascular Constructs Bearing Biofunctional Peptides for Tissue Regeneration Applications. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6800.	4.1	12
15	Versatile Bioconjugation Strategies of PEG-Modified Upconversion Nanoparticles for Bioanalytical Applications. <i>Biomacromolecules</i> , 2020, 21, 4502-4513.	5.4	28
16	Conformation in Ultrathin Polymer Brush Coatings Resolved by Infrared Nanoscopy. <i>Analytical Chemistry</i> , 2020, 92, 4716-4720.	6.5	16
17	"Clickable" and Antifouling Block Copolymer Brushes as a Versatile Platform for Peptide-Specific Cell Attachment. <i>Macromolecular Bioscience</i> , 2020, 20, e1900354.	4.1	27
18	Antibacterial Silver-Conjugated Magnetic Nanoparticles: Design, Synthesis and Bactericidal Effect. <i>Pharmaceutical Research</i> , 2019, 36, 147.	3.5	24

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19	Poly(2-oxazoline)s One-Pot Polymerization and Surface Coating: From Synthesis to Antifouling Properties Out-Performing Poly(ethylene oxide). <i>Biomacromolecules</i> , 2019, 20, 3453-3463.	5.4	29
20	Lead Halide Residue as a Source of Light-Induced Reversible Defects in Hybrid Perovskite Layers and Solar Cells. <i>ACS Energy Letters</i> , 2019, 4, 3011-3017.	17.4	57
21	Adjustable self-assembly in polystyrene-block-poly(4-vinylpyridine) dip-coated thin films. <i>Polymer</i> , 2019, 177, 35-42.	3.8	2
22	Antifouling Microparticles To Scavenge Lipopolysaccharide from Human Blood Plasma. <i>Biomacromolecules</i> , 2019, 20, 959-968.	5.4	13
23	Zwitterionic Functionalizable Scaffolds with Gyroid Pore Architecture for Tissue Engineering. <i>Macromolecular Bioscience</i> , 2019, 19, e1800403.	4.1	5
24	Study of ZnO nanorods grown under UV irradiation. <i>Applied Surface Science</i> , 2019, 472, 105-111.	6.1	41
25	Impact of Bioactive Peptide Motifs on Molecular Structure, Charging, and Nonfouling Properties of Poly(ethylene oxide) Brushes. <i>Langmuir</i> , 2018, 34, 6010-6020.	3.5	9
26	Tungsten (VI) based "molecular puzzle" photoluminescent nanoparticles easily covered with biocompatible natural polysaccharides via direct chelation. <i>Journal of Colloid and Interface Science</i> , 2018, 512, 308-317.	9.4	4
27	Synthesis of zinc oxide nanostructures and comparison of their crystal quality. <i>Applied Surface Science</i> , 2018, 461, 190-195.	6.1	29
28	Aqueous-Based Functionalizations of Titanate Nanotubes: A Straightforward Route to High-Performance Epoxy Composites with Interfacially Bonded Nanofillers. <i>Macromolecules</i> , 2018, 51, 5989-6002.	4.8	6
29	Ultralow-Fouling Behavior of Biorecognition Coatings Based on Carboxy-Functional Brushes of Zwitterionic Homo- and Copolymers in Blood Plasma: Functionalization Matters. <i>Analytical Chemistry</i> , 2017, 89, 3524-3531.	6.5	47
30	Antifouling Peptide Dendrimer Surface of Monodisperse Magnetic Poly(glycidyl methacrylate) Microspheres. <i>Macromolecules</i> , 2017, 50, 1302-1311.	4.8	24
31	Determination of amino groups on functionalized graphene oxide for polyurethane nanomaterials: XPS quantitation vs. functional speciation. <i>RSC Advances</i> , 2017, 7, 12464-12473.	3.6	271
32	Plasmonic Hepatitis B Biosensor for the Analysis of Clinical Saliva. <i>Analytical Chemistry</i> , 2017, 89, 2972-2977.	6.5	42
33	Polymer brushes based on PLLA- <i>b</i> -PEO colloids for the preparation of protein resistant PLA surfaces. <i>Biomaterials Science</i> , 2017, 5, 1130-1143.	5.4	12
34	Partially sulfonated polyaniline: conductivity and spectroscopic study. <i>Chemical Papers</i> , 2017, 71, 329-338.	2.2	9
35	Ultrathin Monomolecular Films and Robust Assemblies Based on Cyclic Catechols. <i>Langmuir</i> , 2017, 33, 670-679.	3.5	9
36	Carbon nanospecies affecting amyloid formation. <i>RSC Advances</i> , 2017, 7, 53887-53898.	3.6	11

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37	Study of the surface properties of ZnO nanocolumns used for thin-film solar cells. Beilstein Journal of Nanotechnology, 2017, 8, 446-451.	2.8	22
38	Functionalized porous silica&maghemite core-shell nanoparticles for applications in medicine: design, synthesis, and immunotoxicity. Croatian Medical Journal, 2016, 57, 165-178.	0.7	16
39	Hepatitis B plasmonic biosensor for the analysis of clinical serum samples. Biosensors and Bioelectronics, 2016, 85, 272-279.	10.1	63
40	Quantitative determination of acidic groups in functionalized graphene by direct titration. Reactive and Functional Polymers, 2016, 103, 44-53.	4.1	24
41	Influence of ionic liquid-modified LDH on microwave-assisted polymerization of ϵ -caprolactone. Polymer, 2016, 100, 86-94.	3.8	26
42	Non-Fouling Biodegradable Poly(ϵ -caprolactone) Nanofibers for Tissue Engineering. Macromolecular Bioscience, 2016, 16, 83-94.	4.1	21
43	Non-Fouling Biodegradable Poly(ϵ -caprolactone) Nanofibers for Tissue Engineering. Macromolecular Bioscience, 2016, 16, 82-82.	4.1	0
44	Copolymer Brush-Based Ultralow-Fouling Biorecognition Surface Platform for Food Safety. Analytical Chemistry, 2016, 88, 10533-10539.	6.5	43
45	Grafting of functional methacrylate polymer brushes by photoinduced SET-LRP. Polymer Chemistry, 2016, 7, 6934-6945.	3.9	34
46	Antifouling Polymer Brushes Displaying Antithrombogenic Surface Properties. Biomacromolecules, 2016, 17, 1179-1185.	5.4	68
47	Silk fibroin gelation via non-solvent induced phase separation. Biomaterials Science, 2016, 4, 460-473.	5.4	55
48	Direct delamination of graphite ore into defect-free graphene using a biphasic solvent system under pressurized ultrasound. RSC Advances, 2016, 6, 6008-6015.	3.6	11
49	Designing Molecular Printboards: A Photolithographic Platform for Recodable Surfaces. Chemistry - A European Journal, 2015, 21, 13186-13190.	3.3	21
50	Macromol. Rapid Commun. 18/2015. Macromolecular Rapid Communications, 2015, 36, 1696-1696.	3.9	0
51	Surface Grafting via Photoinduced Copper-Mediated Radical Polymerization at Extremely Low Catalyst Concentrations. Macromolecular Rapid Communications, 2015, 36, 1681-1686.	3.9	50
52	Self-assembled anchor layers/polysaccharide coatings on titanium surfaces: a study of functionalization and stability. Beilstein Journal of Nanotechnology, 2015, 6, 617-631.	2.8	37
53	Synthesis of non-fouling poly[N-(2-hydroxypropyl)methacrylamide] brushes by photoinduced SET-LRP. Polymer Chemistry, 2015, 6, 4210-4220.	3.9	59
54	Cell adhesion and growth enabled by biomimetic oligopeptide modification of a polydopamine-poly(ethylene oxide) protein repulsive surface. Journal of Materials Science: Materials in Medicine, 2015, 26, 253.	3.6	7

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55	Nano-Colloid Printing of Functionalized PLA-b-PEO Copolymers: Tailoring the Surface Pattern of Adhesive Motif and its Effect on Cell Attachment. <i>Physiological Research</i> , 2015, 64, S61-S73.	0.9	2
56	Exploiting end group functionalization for the design of antifouling bioactive brushes. <i>Polymer Chemistry</i> , 2014, 5, 4124-4131.	3.9	51
57	Photo-induced Functionalization of Spherical and Planar Surfaces via Caged Thioaldehyde End-Functional Polymers. <i>Advanced Functional Materials</i> , 2014, 24, 5649-5661.	14.9	25
58	A facile avenue to conductive polymer brushes via cyclopentadiene-maleimide Diels-Alder ligation. <i>Chemical Communications</i> , 2013, 49, 8623.	4.1	33
59	Controlled Cell Adhesion on Poly(dopamine) Interfaces Photopatterned with Non-fouling Brushes. <i>Advanced Materials</i> , 2013, 25, 6123-6127.	21.0	180
60	Biomimetic non-fouling surfaces: extending the concepts. <i>Journal of Materials Chemistry B</i> , 2013, 1, 2859.	5.8	76
61	Polydopamine-modified nanocrystalline diamond thin films as a platform for bio-sensing applications. <i>Thin Solid Films</i> , 2013, 543, 180-186.	1.8	32
62	Thermal-induced Transformation of Polydopamine Structures: An Efficient Route for the Stabilization of the Polydopamine Surfaces. <i>Macromolecular Chemistry and Physics</i> , 2013, 214, 499-507.	2.2	52
63	Nonfouling Poly(ethylene oxide) Layers End-Tethered to Polydopamine. <i>Langmuir</i> , 2012, 28, 14273-14283.	3.5	85
64	Controlled/Living Surface-initiated ATRP of Antifouling Polymer Brushes from Gold in PBS and Blood Sera as a Model Study for Polymer Modifications in Complex Biological Media. <i>Macromolecular Bioscience</i> , 2012, 12, 525-532.	4.1	52
65	Click & Seed-Approach to the Biomimetic Modification of Material Surfaces. <i>Macromolecular Bioscience</i> , 2012, 12, 1232-1242.	4.1	42
66	Poly(ethylene oxide) Layers Grafted to Dopamine-melanin Anchoring Layer: Stability and Resistance to Protein Adsorption. <i>Biomacromolecules</i> , 2011, 12, 3232-3242.	5.4	98