

Hab Grzegorz Celichowski

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72
papers

1,431
citations

21
h-index

35
g-index

75
ext. papers

1,777
ext. citations

4.4
avg, IF

4.48
L-index

#	Paper	IF	Citations
72	Detection Limits of DLS and UV-Vis Spectroscopy in Characterization of Polydisperse Nanoparticles Colloids. <i>Journal of Nanomaterials</i> , 2013 , 2013, 1-10	3.2	232
71	Tannic acid modified silver nanoparticles show antiviral activity in herpes simplex virus type 2 infection. <i>PLoS ONE</i> , 2014 , 9, e104113	3.7	115
70	The role of tannic acid and sodium citrate in the synthesis of silver nanoparticles. <i>Journal of Nanoparticle Research</i> , 2017 , 19, 273	2.3	113
69	Tannic acid-modified silver nanoparticles for wound healing: the importance of size. <i>International Journal of Nanomedicine</i> , 2018 , 13, 991-1007	7.3	60
68	Antiviral Activity of Tannic Acid Modified Silver Nanoparticles: Potential to Activate Immune Response in Herpes Genitalis. <i>Viruses</i> , 2018 , 10,	6.2	60
67	Air-stable, non-volatile resistive memory based on hybrid organic/inorganic nanocomposites. <i>Organic Electronics</i> , 2015 , 18, 17-23	3.5	43
66	The synthesis of monodisperse silver nanoparticles with plant extracts. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019 , 177, 19-24	6	42
65	Assessment of in vitro cellular responses of monocytes and keratinocytes to tannic acid modified silver nanoparticles. <i>Toxicology in Vitro</i> , 2013 , 27, 1798-808	3.6	36
64	Multifunctional Tannic Acid/Silver Nanoparticle-Based Mucoadhesive Hydrogel for Improved Local Treatment of HSV Infection: In Vitro and In Vivo Studies. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	35
63	Investigation of 3-mercaptopropyltrimethoxysilane self-assembled monolayers on Au(111) surface. <i>Applied Surface Science</i> , 2005 , 242, 147-153	6.7	34
62	Investigation on functionalization of cotton and viscose fabrics with AgNWs. <i>Cellulose</i> , 2017 , 24, 409-422	5.5	27
61	Gold nanoparticle bioconjugates labelled with ²¹¹ At for targeted alpha therapy. <i>RSC Advances</i> , 2017 , 7, 41024-41032	3.7	26
60	Superhydrophobic Surface by Replication of Laser Micromachined Pattern in Epoxy/Alumina Nanoparticle Composite. <i>Journal of Nanomaterials</i> , 2014 , 2014, 1-11	3.2	26
59	Tribological performance of some polyoxyethylene dithiophosphate derivatives water solutions. <i>Wear</i> , 2001 , 249, 1077-1089	3.5	26
58	Microwave-assisted TiO ₂ : anatase formation on cotton and viscose fabric surfaces. <i>Cellulose</i> , 2016 , 23, 2143-2159	5.5	25
57	Synthesis of monodisperse gold nanoparticles via electrospray-assisted chemical reduction method in cyclohexane. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015 , 482, 148-153	5.1	25
56	Superhydrophobic dual-sized filler epoxy composite coatings. <i>Surface and Coatings Technology</i> , 2013 , 225, 66-74	4.4	24

55	A study on the in vitro percutaneous absorption of silver nanoparticles in combination with aluminum chloride, methyl paraben or di-n-butyl phthalate. <i>Toxicology Letters</i> , 2017 , 272, 38-48	4.4	23
54	Immobilization of Recombinant Human Catalase on Gold and Silver Nanoparticles. <i>Applied Biochemistry and Biotechnology</i> , 2018 , 185, 717-735	3.2	23
53	Modification of epoxy resin, silicon and glass surfaces with alkyl- or fluoroalkylsilanes for hydrophobic properties. <i>Applied Surface Science</i> , 2016 , 380, 91-100	6.7	22
52	Effect of the alkyl chain length of secondary amines on the phase transfer of gold nanoparticles from water to toluene. <i>Langmuir</i> , 2014 , 30, 6684-93	4	22
51	Comparison of the antioxidant activity of catalase immobilized on gold nanoparticles via specific and non-specific adsorption. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018 , 171, 707-714	6	19
50	Preparation and tribological tests of thin fluoroorganic films. <i>Applied Surface Science</i> , 2008 , 254, 4273-4278	6.7	19
49	Electrospray deposition of gold nanoparticles from aqueous colloids on solid substrates. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015 , 486, 211-217	5.1	17
48	Honeycomb-structured porous poly(3,4-ethylenedioxythiophene) composite layers on a gold electrode. <i>Thin Solid Films</i> , 2014 , 565, 54-61	2.2	17
47	Toxicity of tannic acid-modified silver nanoparticles in keratinocytes: potential for immunomodulatory applications. <i>Toxicology in Vitro</i> , 2016 , 35, 43-54	3.6	16
46	Tannic Acid-Modified Silver and Gold Nanoparticles as Novel Stimulators of Dendritic Cells Activation. <i>Frontiers in Immunology</i> , 2018 , 9, 1115	8.4	16
45	Relationships between surface chemistry, nanotopography, wettability and ice adhesion in epoxy and SU-8 modified with fluoroalkylsilanes from the vapor phase. <i>Applied Surface Science</i> , 2019 , 479, 489-498	6.7	15
44	Tannic acid modification of metal nanoparticles: possibility for new antiviral applications 2017 , 335-363		14
43	The influence of the chain length and the functional group steric accessibility of thiols on the phase transfer efficiency of gold nanoparticles from water to toluene. <i>Polish Journal of Chemical Technology</i> , 2014 , 16, 86-91	1	14
42	Polyphenol-Conjugated Bimetallic Au@AgNPs for Improved Wound Healing. <i>International Journal of Nanomedicine</i> , 2020 , 15, 4969-4990	7.3	14
41	Vapor phase deposition of fluoroalkyl trichlorosilanes on silicon and glass: Influence of deposition conditions and chain length on wettability and adhesion forces. <i>Materials Chemistry and Physics</i> , 2018 , 204, 305-314	4.4	13
40	Hydrophobic and superhydrophobic surfaces fabricated by plasma polymerization of perfluorohexane, perfluoro(2-methylpent-2-ene), and perfluoro(4-methylpent-2-ene). <i>Journal of Adhesion Science and Technology</i> , 2015 , 29, 2035-2048	2	12
39	Inhibitory effect of silver nanoparticles on proliferation of estrogen-dependent MCF-7/BUS human breast cancer cells induced by butyl paraben or di-n-butyl phthalate. <i>Toxicology and Applied Pharmacology</i> , 2017 , 337, 12-21	4.6	11
38	Multifunctional hybrid functionalization of cellulose fabrics with AgNWs and TiO. <i>Carbohydrate Polymers</i> , 2017 , 177, 397-405	10.3	11

37	Formation of nanostructured TiO ₂ -anatase films on the basalt fiber surface. <i>Surface and Coatings Technology</i> , 2015 , 276, 686-695	4.4	11
36	A Study of the Activity of Recombinant Mn-Superoxide Dismutase in the Presence of Gold and Silver Nanoparticles. <i>Applied Biochemistry and Biotechnology</i> , 2019 , 187, 1551-1568	3.2	11
35	Catalase-modified gold nanoparticles: Determination of the degree of protein adsorption by gel electrophoresis. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017 , 159, 533-539	6	10
34	Dynamic water contact angle during initial phases of droplet impingement. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016 , 508, 57-69	5.1	9
33	Cytotoxic effects in transformed and non-transformed human breast cell lines after exposure to silver nanoparticles in combination with selected aluminium compounds, parabens or phthalates. <i>Journal of Hazardous Materials</i> , 2020 , 392, 122442	12.8	8
32	Synthesis and characterization of metallocarbonyl functionalized gold nanoparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2011 , 385, 241-248	5.1	8
31	Interactions of hybrid gold-tannic acid nanoparticles with human serum albumin. <i>European Biophysics Journal</i> , 2017 , 46, 49-57	1.9	7
30	Modification of gold and silver nanoparticles with n-dialkyldithiophosphates. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015 , 468, 219-225	5.1	7
29	Dynamic contact of droplet with superhydrophobic surface in conditions favour icing. <i>Journal of Physics: Conference Series</i> , 2014 , 530, 012028	0.3	7
28	Flash thermolysis of dibenzyl and diphenyl disulphides. <i>Wear</i> , 2000 , 237, 295-299	3.5	7
27	Printed Nonvolatile Resistive Memories Based on a Hybrid Organic/Inorganic Functional Ink. <i>Advanced Materials Technologies</i> , 2017 , 2, 1700058	6.8	6
26	Magnetic nanoparticles bearing metallocarbonyl moiety as antibacterial and antifungal agents. <i>Applied Surface Science</i> , 2019 , 487, 601-609	6.7	6
25	Comparative analysis of biological effects of molybdenum(IV) sulfide in the form of nano- and microparticles on human hepatoma HepG2 cells grown in 2D and 3D models. <i>Toxicology in Vitro</i> , 2020 , 68, 104931	3.6	6
24	Hydrophobization of epoxy nanocomposite surface with 1H,1H,2H,2H-perfluorooctyltrichlorosilane for superhydrophobic properties. <i>Open Physics</i> , 2012 , 10,	1.3	6
23	Comparison of Two Methods of Methyl Group Grafting to the Silica Thin Film Surface and Its Tribological Properties Measured by Atomic Force Microscopy. <i>Tribology Letters</i> , 2004 , 16, 181-185	2.8	6
22	Specific binding of a biotinylated, metallocarbonyl-labelled dendrimer to immobilized avidin detected by diffuse-reflectance infrared Fourier transform spectroscopy. <i>Applied Organometallic Chemistry</i> , 2004 , 18, 105-110	3.1	6
21	The Influence of Methyl Group Content on Tribological Properties of Organo-Silica Thin Films. <i>Tribology Letters</i> , 2003 , 14, 181-185	2.8	6
20	Influence of Low-Pressure RF Plasma Treatment on Aramid Yarns Properties. <i>Molecules</i> , 2020 , 25,	4.8	6

19	A molecular-beam study of the tribological chemistry of carbon tetrachloride on oxygen-covered iron. <i>Tribology Letters</i> , 2001 , 9, 161-165	2.8	5
18	The effect of immobilized antioxidant enzymes on the oxidative stress in UV-irradiated rat skin. <i>Nanomedicine</i> , 2020 , 15, 23-39	5.6	5
17	A SnO shell for high environmental stability of Ag nanowires applied for thermal management.. <i>RSC Advances</i> , 2021 , 11, 4174-4185	3.7	5
16	Friction properties of triazine-containing hybrid composites. <i>Tribology Letters</i> , 2006 , 24, 119-126	2.8	4
15	Load-carrying synergism of binary additive systems: dibenzyl disulphide and halogenated hydrocarbons. <i>Tribology International</i> , 1999 , 32, 315-325	4.9	4
14	Assessment of acute toxicological effects of molybdenum(IV) disulfide nano- and microparticles after single intratracheal administration in rats. <i>Science of the Total Environment</i> , 2020 , 742, 140545	10.2	3
13	Differences in corona formation of catalase immobilised on gold and silver nanoparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020 , 600, 125003	5.1	3
12	Influence of Modified Epoxy Resins on Peroxide Curing, Mechanical Properties and Adhesion of SBR, NBR and XNBR to Silver Wires-Part II: Application of Carboxy-Containing Peroxy Oligomer (CPO). <i>Materials</i> , 2021 , 14,	3.5	3
11	Influence of Modified Epoxy Resins on Peroxide Curing, Mechanical Properties and Adhesion of SBR, NBR and XNBR to Silver Wires. Part I: Application of Monoperoxy Derivative of Epoxy Resin (PO). <i>Materials</i> , 2021 , 14,	3.5	3
10	Versatile Phase Transfer Method for the Efficient Surface Functionalization of Gold Nanoparticles: Towards Controlled Nanoparticle Dispersion in a Polymer Matrix. <i>Journal of Nanomaterials</i> , 2016 , 2016, 1-10	3.2	3
9	Preparation of metallocarbonyl-gold-antibody bioconjugates for mid-IR optical immunosensing. <i>Journal of Organometallic Chemistry</i> , 2013 , 734, 32-37	2.3	2
8	Quantification of metal dithiocarbamates by thin-layer chromatography. <i>Journal of Planar Chromatography - Modern TLC</i> , 2013 , 26, 502-507	0.9	2
7	Analysis of dithiocarbamate-thiuram disulfide mixtures. <i>Analyst, The</i> , 1995 , 120, 2273-2275	5	2
6	Facile synthesis of SnO shell followed by microwave treatment for high environmental stability of Ag nanoparticles.. <i>RSC Advances</i> , 2020 , 10, 38424-38436	3.7	2
5	Combined effect of silver nanoparticles and aluminium chloride, butylparaben or diethylphthalate on the malignancy of MDA-MB-231 breast cancer cells and tumor-specific immune responses of human macrophages and monocyte-derived dendritic cells. <i>Toxicology in Vitro</i> , 2020 , 65, 104774	3.6	1
4	Droplet Impact in Icing Conditions I Experimental Study for WE 540. <i>Archive of Mechanical Engineering</i> , 2017 , 64, 165-175		1
3	Core/Shell Ag/SnO ₂ Nanowires for Visible Light Photocatalysis. <i>Catalysts</i> , 2022 , 12, 30	4	1
2	Systematic Studies of Gold Nanoparticles Functionalised with Thioglucose and its Cytotoxic Effect. <i>ChemistrySelect</i> , 2021 , 6, 1230-1237	1.8	0

- 1 Antioxidant enzymes immobilized on gold and silver nanoparticles enhance DNA repairing systems of rat skin after exposure to ultraviolet radiation.. *Nanomedicine: Nanotechnology, Biology, and Medicine*, **2022**, 102558

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