

# Kateryna Bazaka

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

146  
papers

4,824  
citations

38  
h-index

65  
g-index

159  
ext. papers

6,014  
ext. citations

7.2  
avg, IF

6.16  
L-index

#	Paper	IF	Citations
146	Bactericidal vertically aligned graphene networks derived from renewable precursor. <i>Carbon Trends</i> , <b>2022</b> , 7, 100157	0	1
145	Multifunctional oil-produced reduced graphene oxide - Silver oxide composites with photocatalytic, antioxidant, and antibacterial activities. <i>Journal of Colloid and Interface Science</i> , <b>2022</b> , 608, 294-305	9.3	6
144	Mars Colonization: Beyond Getting There <b>2021</b> , 73-98		2
143	Functional nanomaterials, synergisms, and biomimicry for environmentally benign marine antifouling technology. <i>Materials Horizons</i> , <b>2021</b> , 8, 3201-3238	14.4	4
142	Hydrophilicity and Hydrophobicity Control of Plasma-Treated Surfaces via Fractal Parameters (Adv. Mater. Interfaces 19/2021). <i>Advanced Materials Interfaces</i> , <b>2021</b> , 8, 2170104	4.6	0
141	Additive manufacturing enables personalised porous high-density polyethylene surgical implant manufacturing with improved tissue and vascular ingrowth. <i>Applied Materials Today</i> , <b>2021</b> , 22, 100965	6.6	4
140	Growth of rGO nanostructures via facile wick and oil flame synthesis for environmental remediation. <i>Carbon Letters</i> , <b>2021</b> , 31, 763	2.3	5
139	Plasma and Polymers: Recent Progress and Trends. <i>Molecules</i> , <b>2021</b> , 26,	4.8	11
138	Comparative study of photocatalysis and gas sensing of ZnO/Ag nanocomposites synthesized by one- and two-step polymer-network gel processes. <i>Journal of Alloys and Compounds</i> , <b>2021</b> , 868, 158723	5.7	39
137	Facile synthesis of Ag/Zn <sub>1-x</sub> Cu <sub>x</sub> O nanoparticle compound photocatalyst for high-efficiency photocatalytic degradation: Insights into the synergies and antagonisms between Cu and Ag. <i>Ceramics International</i> , <b>2021</b> , 47, 48-56	5.1	9
136	Miniaturized rotating magnetic field-driven plasma system: proof-of-concept experiments. <i>Plasma Sources Science and Technology</i> , <b>2021</b> , 30, 065003	3.5	3
135	Focusing plasma jets to achieve high current density: Feasibility and opportunities for applications in debris removal and space exploration. <i>Aerospace Science and Technology</i> , <b>2021</b> , 108, 106343	4.9	9
134	Plasma meets metamaterials: Three ways to advance space micropropulsion systems. <i>Advances in Physics: X</i> , <b>2021</b> , 6, 1834452	5.1	5
133	Translocation of silica nanospheres through giant unilamellar vesicles (GUVs) induced by a high frequency electromagnetic field.. <i>RSC Advances</i> , <b>2021</b> , 11, 31408-31420	3.7	0
132	NiFe <sub>2</sub> O <sub>4</sub> / rGO nanocomposites produced by soft bubble assembly for energy storage and environmental remediation. <i>Renewable Energy</i> , <b>2021</b> , 181, 1386-1386	8.1	4
131	Comparative Study of Natural Terpenoid Precursors in Reactive Plasmas for Thin Film Deposition. <i>Molecules</i> , <b>2021</b> , 26,	4.8	1
130	Hydrophilicity and Hydrophobicity Control of Plasma-Treated Surfaces via Fractal Parameters. <i>Advanced Materials Interfaces</i> , <b>2021</b> , 8, 2100724	4.6	3

129	Biowaste valorization by conversion to nanokeratin-urea composite fertilizers for sustainable and controllable nutrient release. <i>Carbon Trends</i> , <b>2021</b> , 5, 100083	0	3
128	Advanced Concepts and Architectures for Plasma-Enabled Material Processing <b>2020</b> , 5, 1-90		
127	Fabrication of Nano-Onion-Structured Graphene Films from Extract and Their Wetting and Sensing Characteristics. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 29594-29604	9.5	6
126	Hierarchical Doped Gelatin-Derived Carbon Aerogels: Three Levels of Porosity for Advanced Supercapacitors. <i>Nanomaterials</i> , <b>2020</b> , 10,	5.4	7
125	Plasma-activated water: generation, origin of reactive species and biological applications. <i>Journal Physics D: Applied Physics</i> , <b>2020</b> , 53, 303001	3	129
124	Three-Dimensional Hierarchical Wrinkles on Polymer Films: From Chaotic to Ordered Antimicrobial Topographies. <i>Trends in Biotechnology</i> , <b>2020</b> , 38, 558-571	15.1	7
123	Perspectives, frontiers, and new horizons for plasma-based space electric propulsion. <i>Physics of Plasmas</i> , <b>2020</b> , 27, 020601	2.1	80
122	In-Situ Surface Modification of Terpinen-4-ol Plasma Polymers for Increased Antibacterial Activity. <i>Materials</i> , <b>2020</b> , 13,	3.5	1
121	Effect of titanium surface topography on plasma deposition of antibacterial polymer coatings. <i>Applied Surface Science</i> , <b>2020</b> , 521, 146375	6.7	14
120	Tuning and fine morphology control of natural resource-derived vertical graphene. <i>Carbon</i> , <b>2020</b> , 159, 668-685	10.4	16
119	Pulse Plasma Deposition of Terpinen-4-ol: An Insight into Polymerization Mechanism and Enhanced Antibacterial Response of Developed Thin Films. <i>Plasma Chemistry and Plasma Processing</i> , <b>2020</b> , 40, 339-355	3.6	5
118	Graphene oxide Based supercapacitors from agricultural wastes: A step to mass production of highly efficient electrodes for electrical transportation systems. <i>Renewable Energy</i> , <b>2020</b> , 151, 731-739	8.1	35
117	Cold Atmospheric Plasma: A Promising Controller of Cancer Cell States. <i>Cancers</i> , <b>2020</b> , 12,	6.6	23
116	Power-to-chemicals: Low-temperature plasma for lignin depolymerisation in ethanol. <i>Bioresource Technology</i> , <b>2020</b> , 318, 123917	11	10
115	Chemo-Radiative Stress of Plasma as a Modulator of Charge-Dependent Nanodiamond Cytotoxicity.. <i>ACS Applied Bio Materials</i> , <b>2020</b> , 3, 7202-7210	4.1	
114	Plasma-enabled catalyst-free conversion of ethanol to hydrogen gas and carbon dots near room temperature. <i>Chemical Engineering Journal</i> , <b>2020</b> , 382, 122745	14.7	39
113	High-Performance Plasma-Enabled Biorefining of Microalgae to Value-Added Products. <i>ChemSusChem</i> , <b>2019</b> , 12, 4976-4985	8.3	18
112	Interfacial modification of titanium dioxide to enhance photocatalytic efficiency towards H <sub>2</sub> production. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 556, 376-385	9.3	44

111	PC 12 Pheochromocytoma Cell Response to Super High Frequency Terahertz Radiation from Synchrotron Source. <i>Cancers</i> , <b>2019</b> , 11,	6.6	7
110	MoS <sub>2</sub> -based nanostructures: synthesis and applications in medicine. <i>Journal Physics D: Applied Physics</i> , <b>2019</b> , 52, 183001	3	30
109	Direct current arc plasma thrusters for space applications: basic physics, design and perspectives. <i>Reviews of Modern Plasma Physics</i> , <b>2019</b> , 3, 1	5.6	14
108	Microplasma Bubbles: Reactive Vehicles for Biofilm Dispersal. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 20660-20669	9.5	45
107	The Fate of Osteoblast-Like MG-63 Cells on Pre-Infected Bactericidal Nanostructured Titanium Surfaces. <i>Materials</i> , <b>2019</b> , 12,	3.5	22
106	Superhydrophobic fluorine-modified cerium-doped mesoporous carbon as an efficient catalytic platform for photo-degradation of organic pollutants. <i>Carbon</i> , <b>2019</b> , 147, 323-333	10.4	21
105	Wearable, Flexible, Disposable Plasma-Reduced Graphene Oxide Stress Sensors for Monitoring Activities in Austere Environments. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 15122-15132	9.5	32
104	Eco-friendly nanocomposites derived from geranium oil and zinc oxide in one step approach. <i>Scientific Reports</i> , <b>2019</b> , 9, 5973	4.9	23
103	Continuous flow removal of acid fuchsine by dielectric barrier discharge plasma water bed enhanced by activated carbon adsorption. <i>Frontiers of Chemical Science and Engineering</i> , <b>2019</b> , 13, 340-349	4.5	12
102	Plasmonic platform based on nanoporous alumina membranes: order control via self-assembly. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 9565-9577	13	9
101	White paper on the future of plasma science and technology in plastics and textiles. <i>Plasma Processes and Polymers</i> , <b>2019</b> , 16, 1700228	3.4	51
100	3D-Printed Multilayered Reinforced Material System for Gas Supply in CubeSats and Small Satellites. <i>Advanced Engineering Materials</i> , <b>2019</b> , 21, 1900401	3.5	10
99	Effect of multi-modal environmental stress on dose-dependent cytotoxicity of nanodiamonds in <i>Saccharomyces cerevisiae</i> cells. <i>Sustainable Materials and Technologies</i> , <b>2019</b> , 22, e00123	5.3	6
98	Electrically Insulating Plasma Polymer/ZnO Composite Films. <i>Materials</i> , <b>2019</b> , 12,	3.5	5
97	Plasma parameters and discharge characteristics of lab-based krypton-propelled miniaturized Hall thruster. <i>Plasma Sources Science and Technology</i> , <b>2019</b> , 28, 064003	3.5	16
96	Optimization, Test and Diagnostics of Miniaturized Hall Thrusters. <i>Journal of Visualized Experiments</i> , <b>2019</b> ,	1.6	4
95	3D-Printed Multilayered Reinforced Material System for Gas Supply in CubeSats and Small Satellites. <i>Advanced Engineering Materials</i> , <b>2019</b> , 21, 1970036	3.5	
94	Cosmetic reconstruction in breast cancer patients: Opportunities for nanocomposite materials. <i>Acta Biomaterialia</i> , <b>2019</b> , 86, 41-65	10.8	9

93	Mars Colonization: Beyond Getting There. <i>Global Challenges</i> , <b>2019</b> , 3, 1800062	4.3	29
92	Plasma Treatment of Polymeric Membranes <b>2019</b> , 211-240		7
91	RF Plasma Polymerization of Orange Oil and Characterization of the Polymer Thin Films. <i>Journal of Polymers and the Environment</i> , <b>2018</b> , 26, 2925-2933	4.5	3
90	Removal of organophosphorus pesticide residues from Lycium barbarum by gas phase surface discharge plasma. <i>Chemical Engineering Journal</i> , <b>2018</b> , 342, 401-409	14.7	57
89	Space micropropulsion systems for Cubesats and small satellites: From proximate targets to furthestmost frontiers. <i>Applied Physics Reviews</i> , <b>2018</b> , 5, 011104	17.3	160
88	Towards universal plasma-enabled platform for the advanced nanofabrication: plasma physics level approach. <i>Reviews of Modern Plasma Physics</i> , <b>2018</b> , 2, 1	5.6	24
87	Formation of nanocrystalline and amorphous carbon by high fluence swift heavy ion irradiation of a plasma polymerized polyterpenol thin film precursor. <i>Journal of Applied Polymer Science</i> , <b>2018</b> , 135, 46498	3.9	2
86	Hall Thrusters With Permanent Magnets: Current Solutions and Perspectives. <i>IEEE Transactions on Plasma Science</i> , <b>2018</b> , 46, 239-251	1.3	6
85	Concept of a Magnetically Enhanced Vacuum Arc Thruster With Controlled Distribution of Ion Flux. <i>IEEE Transactions on Plasma Science</i> , <b>2018</b> , 46, 304-310	1.3	10
84	Miniaturized Plasma Sources: Can Technological Solutions Help Electric Micropropulsion?. <i>IEEE Transactions on Plasma Science</i> , <b>2018</b> , 46, 230-238	1.3	10
83	Metamaterials: Hierarchical Multicomponent Inorganic Metamaterials: Intrinsically Driven Self-Assembly at the Nanoscale (Adv. Mater. 2/2018). <i>Advanced Materials</i> , <b>2018</b> , 30, 1870009		24
82	Control of radial propagation and polarity in a plasma jet in surrounding Ar. <i>Physics of Plasmas</i> , <b>2018</b> , 25, 013505	2.1	9
81	Quantification of plasma produced OH radical density for water sterilization. <i>Plasma Processes and Polymers</i> , <b>2018</b> , 15, 1700241	3.4	43
80	Tailoring terpenoid plasma polymer properties by controlling the substrate temperature during PECVD. <i>Journal of Applied Polymer Science</i> , <b>2018</b> , 135, 45771	2.9	7
79	Ultra-low reflective black silicon photovoltaics by high density inductively coupled plasmas. <i>Solar Energy</i> , <b>2018</b> , 171, 841-850	6.8	8
78	Plant Secondary Metabolite-Derived Polymers: A Potential Approach to Develop Antimicrobial Films. <i>Polymers</i> , <b>2018</b> , 10,	4.5	12
77	Formation of vertically oriented graphenes: what are the key drivers of growth?. <i>2D Materials</i> , <b>2018</b> , 5, 044002	5.9	25
76	The Emerging Role of Gas Plasma in Oncotherapy. <i>Trends in Biotechnology</i> , <b>2018</b> , 36, 1183-1198	15.1	59

75	Low-Temperature Synthesis of Graphene by ICP-Assisted Amorphous Carbon Sputtering. <i>ChemistrySelect</i> , <b>2018</b> , 3, 8779-8785	1.8	3
74	From nanometre to millimetre: a range of capabilities for plasma-enabled surface functionalization and nanostructuring. <i>Materials Horizons</i> , <b>2018</b> , 5, 765-798	14.4	37
73	Organic bioelectronic plasma polymerised polyterpenol thin films: preservation of properties relevant to biomedical and organic electronic applications following exposure to sterilising doses of gamma radiation. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2018</b> , 29, 801-812	2.1	4
72	Hierarchical Multicomponent Inorganic Metamaterials: Intrinsically Driven Self-Assembly at the Nanoscale. <i>Advanced Materials</i> , <b>2018</b> , 30, 1702226	24	77
71	Cold atmospheric plasma activated water as a prospective disinfectant: the crucial role of peroxyxynitrite. <i>Green Chemistry</i> , <b>2018</b> , 20, 5276-5284	10	165
70	Materials for Space Technology: Advanced Materials for Next-Generation Spacecraft (Adv. Mater. 50/2018). <i>Advanced Materials</i> , <b>2018</b> , 30, 1870386	24	
69	Exposure to high-frequency electromagnetic field triggers rapid uptake of large nanosphere clusters by pheochromocytoma cells. <i>International Journal of Nanomedicine</i> , <b>2018</b> , 13, 8429-8442	7.3	6
68	Advanced Materials for Next-Generation Spacecraft. <i>Advanced Materials</i> , <b>2018</b> , 30, e1802201	24	62
67	Prospects and physical mechanisms for photonic space propulsion. <i>Nature Photonics</i> , <b>2018</b> , 12, 649-657	33.9	54
66	Radial constraints and the polarity mechanism of plasma plume. <i>Physics of Plasmas</i> , <b>2018</b> , 25, 103510	2.1	5
65	Oxygen plasmas: a sharp chisel and handy trowel for nanofabrication. <i>Nanoscale</i> , <b>2018</b> , 10, 17494-17511	7.7	33
64	Lightning under water: Diverse reactive environments and evidence of synergistic effects for material treatment and activation. <i>Applied Physics Reviews</i> , <b>2018</b> , 5, 021103	17.3	41
63	Improved fermentation efficiency of <i>S. cerevisiae</i> by changing glycolytic metabolic pathways with plasma agitation. <i>Scientific Reports</i> , <b>2018</b> , 8, 8252	4.9	14
62	Biodegradable optically transparent terpinen-4-ol thin films for marine antifouling applications. <i>Surface and Coatings Technology</i> , <b>2018</b> , 349, 426-433	4.4	11
61	Photostability of plasma polymerized $\beta$ -terpinene thin films for encapsulation of OPV. <i>Scientific Reports</i> , <b>2017</b> , 7, 45599	4.9	23
60	Synergic bactericidal effects of reduced graphene oxide and silver nanoparticles against Gram-positive and Gram-negative bacteria. <i>Scientific Reports</i> , <b>2017</b> , 7, 1591	4.9	90
59	Highly tunable electronic properties in plasma-synthesized B-doped microcrystalline-to-amorphous silicon nanostructure for solar cell applications. <i>Journal of Applied Physics</i> , <b>2017</b> , 122, 133112	2.5	1
58	Plasma Polymerization: Electronics and Biomedical Application <b>2017</b> , 593-657		4

57	Inelastic deformation of plasma polymerised thin films facilitated by transient dense plasma focus irradiation. <i>Materials Research Express</i> , <b>2017</b> , 4, 096407	1.7	1
56	Plasma-potentiated small molecules possible alternative to antibiotics?. <i>Nano Futures</i> , <b>2017</b> , 1, 025002	3.6	16
55	Spectral characteristics of cotton seeds treated by a dielectric barrier discharge plasma. <i>Scientific Reports</i> , <b>2017</b> , 7, 5601	4.9	31
54	Plasma under control: Advanced solutions and perspectives for plasma flux management in material treatment and nanosynthesis. <i>Applied Physics Reviews</i> , <b>2017</b> , 4, 041302	17.3	60
53	Resistive switching in graphene-organic device: Charge transport properties of graphene-organic device through electric field induced optical second harmonic generation and charge modulation spectroscopy. <i>Carbon</i> , <b>2017</b> , 112, 111-116	10.4	25
52	Metallic Biomaterials: Current Challenges and Opportunities. <i>Materials</i> , <b>2017</b> , 10,	3.5	258
51	Review on the Antimicrobial Properties of Carbon Nanostructures. <i>Materials</i> , <b>2017</b> , 10,	3.5	229
50	Effects of Iodine Doping on Optoelectronic and Chemical Properties of Polyterpenol Thin Films. <i>Nanomaterials</i> , <b>2017</b> , 7,	5.4	19
49	Effect of Precursor on Antifouling Efficacy of Vertically-Oriented Graphene Nanosheets. <i>Nanomaterials</i> , <b>2017</b> , 7,	5.4	12
48	Retention of Antibacterial Activity in Geranium Plasma Polymer Thin Films. <i>Nanomaterials</i> , <b>2017</b> , 7,	5.4	21
47	The Electrical Properties of Plasma-Deposited Thin Films Derived from Pelargonium graveolens. <i>Electronics (Switzerland)</i> , <b>2017</b> , 6, 86	2.6	10
46	Non-equilibrium plasma prevention of Schistosoma japonicum transmission. <i>Scientific Reports</i> , <b>2016</b> , 6, 35353	4.9	14
45	Effects of Atmospheric-Pressure N <sub>2</sub> , He, Air, and O <sub>2</sub> Microplasmas on Mung Bean Seed Germination and Seedling Growth. <i>Scientific Reports</i> , <b>2016</b> , 6, 32603	4.9	113
44	Sustainable Life Cycles of Natural-Precursor-Derived Nanocarbons. <i>Chemical Reviews</i> , <b>2016</b> , 116, 163-214	168.1	136
43	Interaction of Atmospheric-Pressure Air Microplasmas with Amino Acids as Fundamental Processes in Aqueous Solution. <i>PLoS ONE</i> , <b>2016</b> , 11, e0155584	3.7	65
42	Effect of Atmospheric-Pressure Plasmas on Drug Resistant Melanoma: The Challenges of Translating In vitro Outcomes into Animal Models. <i>Plasma Medicine</i> , <b>2016</b> , 6, 67-83	1.1	10
41	Synergistic Effect of Atmospheric-pressure Plasma and TiO Photocatalysis on Inactivation of Escherichia coli Cells in Aqueous Media. <i>Scientific Reports</i> , <b>2016</b> , 6, 39552	4.9	50
40	Plant-derived cis-β-cimene as a precursor for biocompatible, transparent, thermally-stable dielectric and encapsulating layers for organic electronics. <i>Scientific Reports</i> , <b>2016</b> , 6, 38571	4.9	9

39	Plasma-Assisted Fabrication and Processing of Biomaterials <b>2016</b> , 91-124		2
38	Catalyst-Free Plasma Enhanced Growth of Graphene from Sustainable Sources. <i>Nano Letters</i> , <b>2015</b> , 15, 5702-8	11.5	101
37	Ion irradiation as a tool for modifying the surface and optical properties of plasma polymerised thin films. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>2015</b> , 360, 54-59	1.2	3
36	Intracellular effects of atmospheric-pressure plasmas on melanoma cancer cells. <i>Physics of Plasmas</i> , <b>2015</b> , 22, 122003	2.1	43
35	Electrical conduction in plasma polymerized thin films of $\beta$ -terpinene. <i>Journal of Applied Polymer Science</i> , <b>2015</b> , 132, n/a-n/a	2.9	6
34	Pro-apoptotic NOXA is implicated in atmospheric-pressure plasma-induced melanoma cell death. <i>Journal Physics D: Applied Physics</i> , <b>2015</b> , 48, 464002	3	29
33	Structural Characterization of $\beta$ -Terpinene Thin Films Using Mass Spectroscopy and X-Ray Photoelectron Spectroscopy. <i>Plasma Processes and Polymers</i> , <b>2015</b> , 12, 1085-1094	3.4	20
32	Anti-bacterial surfaces: natural agents, mechanisms of action, and plasma surface modification. <i>RSC Advances</i> , <b>2015</b> , 5, 48739-48759	3.7	144
31	Surface modification of biomaterials for biofilm control <b>2015</b> , 103-132		5
30	Cytotoxic Effects and Biocompatibility of Antimicrobial Materials <b>2015</b> , 113-147		1
29	Introduction to biomaterials and implantable device design <b>2014</b> , 1-31		2
28	Metallic biomaterials: types and advanced applications <b>2014</b> , 121-147		14
27	Wetting, Solubility and Chemical Characteristics of Plasma-Polymerized 1-Isopropyl-4-Methyl-1,4-Cyclohexadiene Thin Films. <i>Coatings</i> , <b>2014</b> , 4, 527-552	2.9	22
26	Optical and Surface Characterization of Radio Frequency Plasma Polymerized 1-Isopropyl-4-Methyl-1,4-Cyclohexadiene Thin Films. <i>Electronics (Switzerland)</i> , <b>2014</b> , 3, 266-281	2.6	32
25	RF plasma polymerised thin films from natural resources. <i>International Journal of Modern Physics Conference Series</i> , <b>2014</b> , 32, 1460319	0.7	6
24	Polymer encapsulation of magnesium to control biodegradability and biocompatibility. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2014</b> , 14, 8087-93	1.3	11
23	Materials and methods for encapsulation of OPV: A review. <i>Renewable and Sustainable Energy Reviews</i> , <b>2013</b> , 27, 104-117	16.2	136
22	Analyzing hysteresis behavior of capacitance-voltage characteristics of IZO/C60/pentacene/Au diodes with a hole-transport electron-blocking polyterpenol layer by electric-field-induced optical second-harmonic generation measurement. <i>Chemical Physics Letters</i> , <b>2013</b> , 572, 150-153	2.5	12



21	Plasma polymerised thin films for flexible electronic applications. <i>Thin Solid Films</i> , <b>2013</b> , 546, 167-170	2.2	40
20	Implantable Devices: Issues and Challenges. <i>Electronics (Switzerland)</i> , <b>2013</b> , 2, 1-34	2.6	171
19	Electron-blocking hole-transport polyterpenol thin films. <i>Chemical Physics Letters</i> , <b>2012</b> , 528, 26-28	2.5	31
18	Efficient surface modification of biomaterial to prevent biofilm formation and the attachment of microorganisms. <i>Applied Microbiology and Biotechnology</i> , <b>2012</b> , 95, 299-311	5.7	165
17	Solubility and Surface Interactions of RF Plasma Polymerized Polyterpenol Thin Films. <i>Materials Express</i> , <b>2012</b> , 2, 285-293	1.3	8
16	Complex permittivity measurements of RF plasma polymerized polyterpenol organic thin films employing split post dielectric resonator. <i>Journal of Polymer Engineering</i> , <b>2011</b> , 31,	1.4	2
15	Bacterial extracellular polysaccharides. <i>Advances in Experimental Medicine and Biology</i> , <b>2011</b> , 715, 213-263	6	60
14	Do bacteria differentiate between degrees of nanoscale surface roughness?. <i>Biotechnology Journal</i> , <b>2011</b> , 6, 1103-14	5.6	73
13	Investigation of interfacial charging and discharging in double-layer pentacene-based metal-insulator-metal device with polyterpenol blocking layer using electric field induced second harmonic generation. <i>Chemical Physics Letters</i> , <b>2011</b> , 503, 105-111	2.5	32
12	Plasma-assisted surface modification of organic biopolymers to prevent bacterial attachment. <i>Acta Biomaterialia</i> , <b>2011</b> , 7, 2015-28	10.8	223
11	Effect of organic gate dielectric material properties on interfacial charging and discharging of pentacene MIM device. <i>Physics Procedia</i> , <b>2011</b> , 14, 62-66		1
10	Optical and chemical properties of polyterpenol thin films deposited via plasma-enhanced chemical vapor deposition. <i>Journal of Materials Research</i> , <b>2011</b> , 26, 1018-1025	2.5	32
9	Nanotribological and nanomechanical properties of plasma-polymerized polyterpenol thin films. <i>Journal of Materials Research</i> , <b>2011</b> , 26, 2952-2961	2.5	9
8	The Effect of Polyterpenol Thin Film Surfaces on Bacterial Viability and Adhesion. <i>Polymers</i> , <b>2011</b> , 3, 388-404	4	50
7	Effect of Iodine Doping on Surface and Optical Properties of Polyterpenol Thin Films. <i>Materials Science Forum</i> , <b>2010</b> , 654-656, 1764-1767	0.4	2
6	A Study of a Retention of Antimicrobial Activity by Plasma Polymerized Terpinen-4-ol Thin Films. <i>Materials Science Forum</i> , <b>2010</b> , 654-656, 2261-2264	0.4	6
5	Fabrication and Characterization of RF Plasma Polymerized Thin Films from 3,7-Dimethyl-1,6-octadien-3-ol for Electronic and Biomaterial Applications. <i>Advanced Materials Research</i> , <b>2010</b> , 123-125, 323-326	0.5	4
4	Plasma-enhanced synthesis of bioactive polymeric coatings from monoterpene alcohols: a combined experimental and theoretical study. <i>Biomacromolecules</i> , <b>2010</b> , 11, 2016-26	6.9	57

3	Post-deposition ageing reactions of plasma derived polyterpenol thin films. <i>Polymer Degradation and Stability</i> , <b>2010</b> , 95, 1123-1128	4-7	35
2	Fabrication and characterization of polyterpenol as an insulating layer and incorporated organic field effect transistor. <i>Thin Solid Films</i> , <b>2010</b> , 518, 6123-6129	2-2	28
1	Synthesis of radio frequency plasma polymerized non-synthetic Terpinen-4-ol thin films. <i>Materials Letters</i> , <b>2009</b> , 63, 1594-1597	3-3	52