

## List of Publications by Citations

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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.

103  
papers

3,091  
citations

30  
h-index

53  
g-index

104  
ext. papers

3,501  
ext. citations

3  
avg, IF

5.29  
L-index

#	Paper	IF	Citations
103	Carbon nanotube membranes for water purification: A bright future in water desalination. <i>Desalination</i> , <b>2014</b> , 336, 97-109	10.3	630
102	Multifunctional carbon nanotubes in water treatment: The present, past and future. <i>Desalination</i> , <b>2014</b> , 354, 160-179	10.3	174
101	Purslane weed ( <i>Portulaca oleracea</i> ): a prospective plant source of nutrition, omega-3 fatty acid, and antioxidant attributes. <i>Scientific World Journal, The</i> , <b>2014</b> , 2014, 951019	2.2	122
100	Multiplex PCR assay for the detection of five meat species forbidden in Islamic foods. <i>Food Chemistry</i> , <b>2015</b> , 177, 214-24	8.5	115
99	Evaluation of antioxidant properties and mineral composition of Purslane ( <i>Portulaca oleracea</i> L.) at different growth stages. <i>International Journal of Molecular Sciences</i> , <b>2012</b> , 13, 10257-67	6.3	87
98	Multiplex PCR in Species Authentication: Probability and Prospects A Review. <i>Food Analytical Methods</i> , <b>2014</b> , 7, 1933-1949	3.4	81
97	Characterisation of calcium carbonate and its polymorphs from cockle shells ( <i>Anadara granosa</i> ). <i>Powder Technology</i> , <b>2011</b> , 213, 188-191	5.2	78
96	Analysis of pork adulteration in commercial meatballs targeting porcine-specific mitochondrial cytochrome b gene by TaqMan probe real-time polymerase chain reaction. <i>Meat Science</i> , <b>2012</b> , 91, 454-9	6.4	75
95	A novel method for the synthesis of calcium carbonate (aragonite) nanoparticles from cockle shells. <i>Powder Technology</i> , <b>2013</b> , 235, 70-75	5.2	68
94	Species Authentication Methods in Foods and Feeds: the Present, Past, and Future of Halal Forensics. <i>Food Analytical Methods</i> , <b>2012</b> , 5, 935-955	3.4	67
93	Statistical Optimization for Acid Hydrolysis of Microcrystalline Cellulose and Its Physiochemical Characterization by Using Metal Ion Catalyst. <i>Materials</i> , <b>2014</b> , 7, 6982-6999	3.5	59
92	Nanoparticle sensor for label free detection of swine DNA in mixed biological samples. <i>Nanotechnology</i> , <b>2011</b> , 22, 195503	3.4	55
91	Polymerase chain reaction assay targeting cytochrome b gene for the detection of dog meat adulteration in meatball formulation. <i>Meat Science</i> , <b>2014</b> , 97, 404-9	6.4	53
90	Swine-Specific PCR-RFLP Assay Targeting Mitochondrial Cytochrome B Gene for Semiquantitative Detection of Pork in Commercial Meat Products. <i>Food Analytical Methods</i> , <b>2012</b> , 5, 613-623	3.4	53
89	Sol-gel synthesis of Pd doped ZnO nanorods for room temperature hydrogen sensing applications. <i>Ceramics International</i> , <b>2013</b> , 39, 6461-6466	5.1	53
88	Can We Optimize Arc Discharge and Laser Ablation for Well-Controlled Carbon Nanotube Synthesis?. <i>Nanoscale Research Letters</i> , <b>2016</b> , 11, 510	5	52
87	Universal mini COI barcode for the identification of fish species in processed products. <i>Food Research International</i> , <b>2018</b> , 105, 19-28	7	49

86	Morphological, optical, and Raman characteristics of ZnO nanoflakes prepared via a sol-gel method. <i>Physica Status Solidi (A) Applications and Materials Science</i> , <b>2012</b> , 209, 143-147	1.6	46
85	Performance of cobalt titanate towards H <sub>2</sub> O <sub>2</sub> based catalytic oxidation of lignin model compound. <i>RSC Advances</i> , <b>2015</b> , 5, 79644-79653	3.7	45
84	Effect of Different Seed Solutions on the Morphology and Electrooptical Properties of ZnO Nanorods. <i>Journal of Nanomaterials</i> , <b>2012</b> , 2012, 1-6	3.2	45
83	Double Gene Targeting Multiplex Polymerase Chain Reaction-Restriction Fragment Length Polymorphism Assay Discriminates Beef, Buffalo, and Pork Substitution in Frankfurter Products. <i>Journal of Agricultural and Food Chemistry</i> , <b>2016</b> , 64, 6343-54	5.7	45
82	Heterogeneous Metal Catalysts for Oxidation Reactions. <i>Journal of Nanomaterials</i> , <b>2014</b> , 2014, 1-23	3.2	42
81	Targeting double genes in multiplex PCR for discriminating bovine, buffalo and porcine materials in food chain. <i>Food Control</i> , <b>2017</b> , 73, 175-184	6.2	39
80	Gold Nanoparticle Sensor for the Visual Detection of Pork Adulteration in Meatball Formulation. <i>Journal of Nanomaterials</i> , <b>2012</b> , 2012, 1-7	3.2	38
79	Nanobiosensor for Detection and Quantification of DNA Sequences in Degraded Mixed Meats. <i>Journal of Nanomaterials</i> , <b>2011</b> , 2011, 1-11	3.2	37
78	Dietary supplementation of inosine monophosphate promotes cellular growth of muscle and upregulates growth-related gene expression in Nile tilapia <i>Oreochromis niloticus</i> . <i>Aquaculture</i> , <b>2017</b> , 468, 297-306	4.4	34
77	Analysis of Pork Adulteration in Commercial Burgers Targeting Porcine-Specific Mitochondrial Cytochrome B Gene by TaqMan Probe Real-Time Polymerase Chain Reaction. <i>Food Analytical Methods</i> , <b>2012</b> , 5, 784-794	3.4	34
76	Nanobiosensor for the detection and quantification of pork adulteration in meatball formulation. <i>Journal of Experimental Nanoscience</i> , <b>2014</b> , 9, 152-160	1.9	31
75	Impact of hydrogen concentrations on the impedance spectroscopic behavior of Pd-sensitized ZnO nanorods. <i>Nanoscale Research Letters</i> , <b>2013</b> , 8, 68	5	30
74	A novel catalytic method for the synthesis of spherical aragonite nanoparticles from cockle shells. <i>Powder Technology</i> , <b>2013</b> , 246, 434-440	5.2	30
73	Canine-Specific PCR Assay Targeting Cytochrome b Gene for the Detection of Dog Meat Adulteration in Commercial Frankfurters. <i>Food Analytical Methods</i> , <b>2014</b> , 7, 234-241	3.4	29
72	Facile Synthesis of Calcium Carbonate Nanoparticles from Cockle Shells. <i>Journal of Nanomaterials</i> , <b>2012</b> , 2012, 1-5	3.2	29
71	A suitable method for the detection of a potential fraud of bringing macaque monkey meat into the food chain. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , <b>2015</b> , 32, 1013-22	3.2	28
70	Characterisation, analysis and optical properties of nanostructure ZnO using the sol-gel method. <i>Micro and Nano Letters</i> , <b>2012</b> , 7, 163	0.9	26
69	Quantitative Tetraplex Real-Time Polymerase Chain Reaction Assay with TaqMan Probes Discriminates Cattle, Buffalo, and Porcine Materials in Food Chain. <i>Journal of Agricultural and Food Chemistry</i> , <b>2017</b> , 65, 3975-3985	5.7	25

68	Multiplex polymerase chain reaction-restriction fragment length polymorphism assay discriminates of rabbit, rat and squirrel meat in frankfurter products. <i>Food Control</i> , <b>2018</b> , 84, 148-158	6.2	24
67	Morphological, structural, and gas-sensing characterization of tin-doped indium oxide nanoparticles. <i>Ceramics International</i> , <b>2014</b> , 40, 1321-1328	5.1	24
66	Fabrication and Characterization of ZnO Thin Films by Sol-Gel Spin Coating Method for the Determination of Phosphate Buffer Saline Concentration. <i>Current Nanoscience</i> , <b>2013</b> , 9, 288-292	1.4	24
65	Sol-gel derived ZnO nanoparticulate films for ultraviolet photodetector (UV) applications. <i>Optik</i> , <b>2013</b> , 124, 5373-5376	2.5	23
64	Multiplex PCR to discriminate bovine, porcine, and fish DNA in gelatin and confectionery products. <i>LWT - Food Science and Technology</i> , <b>2018</b> , 92, 169-176	5.4	22
63	Covalent Functionalization Schemes for Tailoring Solubility of Multi-Walled Carbon Nanotubes in Water and Acetone Solvents. <i>Science of Advanced Materials</i> , <b>2015</b> , 7, 2726-2737	2.3	21
62	A suitable method to detect potential fraud of bringing Malayan box turtle ( <i>Cuora amboinensis</i> ) meat into the food chain. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , <b>2015</b> , 32, 1223-33	3.2	17
61	The Electroosmosis Mechanism for Fluid Delivery in PDMS Multi-Layer Microchannel. <i>Advanced Science Letters</i> , <b>2013</b> , 19, 12-15	0.1	17
60	Lab-on-a-Chip PCR-RFLP Assay for the Detection of Canine DNA in Burger Formulations. <i>Food Analytical Methods</i> , <b>2015</b> , 8, 1598-1606	3.4	16
59	Modification of gelatin-DNA interaction for optimised DNA extraction from gelatin and gelatin capsule. <i>Journal of the Science of Food and Agriculture</i> , <b>2016</b> , 96, 2344-51	4.3	16
58	Heptaplex Polymerase Chain Reaction Assay for the Simultaneous Detection of Beef, Buffalo, Chicken, Cat, Dog, Pork, and Fish in Raw and Heat-Treated Food Products. <i>Journal of Agricultural and Food Chemistry</i> , <b>2019</b> , 67, 8268-8278	5.7	16
57	Morphological, Structural, and Electrical Characterization of Sol-Gel-Synthesized ZnO Nanorods. <i>Journal of Nanomaterials</i> , <b>2013</b> , 2013, 1-7	3.2	16
56	Tetraplex PCR assay involving double gene-sites discriminates beef and buffalo in Malaysian meat curry and burger products. <i>Food Chemistry</i> , <b>2017</b> , 224, 97-104	8.5	15
55	A lab-on-a-chip-based multiplex platform to detect potential fraud of introducing pig, dog, cat, rat and monkey meat into the food chain. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , <b>2015</b> , 32, 1902-13	3.2	15
54	Lab-on-a-chip-based PCR-RFLP assay for the confirmed detection of short-length feline DNA in food. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , <b>2015</b> , 32, 1373-83	3.2	15
53	Common Wet Chemical Agents for Purifying Multiwalled Carbon Nanotubes. <i>Journal of Nanomaterials</i> , <b>2014</b> , 2014, 1-9	3.2	15
52	Structural and impedance spectroscopy study of Al-doped ZnO nanorods grown by sol-gel method. <i>Microelectronics International</i> , <b>2012</b> , 29, 131-135	0.8	15
51	Synthesis, PASS-Predication and in Vitro Antimicrobial Activity of Benzyl 4-O-benzoyl- $\beta$ -D-rhamnopyranoside Derivatives. <i>International Journal of Molecular Sciences</i> , <b>2016</b> , 17,	6.3	15

50	Short Amplicon-Length PCR Assay Targeting Mitochondrial Cytochrome b Gene for the Detection of Feline Meats in Burger Formulation. <i>Food Analytical Methods</i> , <b>2016</b> , 9, 571-581	3.4	14
49	Nanobioprobe for the Determination of Pork Adulteration in Burger Formulations. <i>Journal of Nanomaterials</i> , <b>2012</b> , 2012, 1-7	3.2	14
48	Lab-on-a-Chip-Based PCR-RFLP Assay for the Detection of Malayan Box Turtle ( <i>Cuora amboinensis</i> ) in the Food Chain and Traditional Chinese Medicines. <i>PLoS ONE</i> , <b>2016</b> , 11, e0163436	3.7	14
47	Development of swine-specific DNA markers for biosensor-based halal authentication. <i>Genetics and Molecular Research</i> , <b>2012</b> , 11, 1762-72	1.2	13
46	Multifunctional Carbon Nanotubes (CNTs): A New Dimension in Environmental Remediation. <i>Advanced Materials Research</i> , <b>2013</b> , 832, 328-332	0.5	13
45	Structure-controlled Nanomaterial Synthesis using Surfactant-assisted Ball Milling- A Review. <i>Current Nanoscience</i> , <b>2014</b> , 10, 344-354	1.4	13
44	Bambangan ( <i>Mangifera pajang</i> ) kernel fat: a potential new source of cocoa butter alternative. <i>International Journal of Food Science and Technology</i> , <b>2018</b> , 53, 1689-1697	3.8	12
43	DNA hybridization detection using less than 10-nm gap silicon nanogap structure. <i>Sensors and Actuators A: Physical</i> , <b>2013</b> , 199, 304-309	3.9	12
42	Isolation, characterization, and identification of biological control agent for potato soft rot in Bangladesh. <i>Scientific World Journal, The</i> , <b>2012</b> , 2012, 723293	2.2	12
41	Duplex real-time PCR assay using SYBR Green to detect and quantify Malayan box turtle ( <i>Cuora amboinensis</i> ) materials in meatballs, burgers, frankfurters and traditional Chinese herbal jelly powder. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , <b>2016</b> , 33, 1643-1659	3.2	11
40	Au decorated ZnO thin film: application to DNA sensing. <i>Microsystem Technologies</i> , <b>2016</b> , 22, 903-910	1.7	10
39	A Method for the Detection of Potential Fraud of Bringing Feline Meat in Food Chain. <i>International Journal of Food Properties</i> , <b>2016</b> , 19, 1645-1658	3	8
38	TaqMan probe based multiplex quantitative PCR assay for determination of bovine, porcine and fish DNA in gelatin admixture, food products and dietary supplements. <i>Food Chemistry</i> , <b>2020</b> , 325, 126756	8.5	7
37	Multiplex MPN-PCR for the enumeration of three major <i>Vibrios</i> in raw fishes in Malaysia. <i>Food Control</i> , <b>2018</b> , 90, 459-465	6.2	7
36	Nanoclustered Gold: A Promising Green Catalysts for the Oxidation of Alkyl Substituted Benzenes. <i>Advanced Materials Research</i> , <b>2014</b> , 925, 38-42	0.5	7
35	Conventional to Nano-Green Adsorbents for Water Pollution Management - A Review. <i>Advanced Materials Research</i> , <b>2014</b> , 925, 674-678	0.5	7
34	Fabrication of Lateral Polysilicon Gap of Less than 50 nm Using Conventional Lithography. <i>Journal of Nanomaterials</i> , <b>2011</b> , 2011, 1-8	3.2	7
33	Inheritance studies of SSR and ISSR molecular markers and phylogenetic relationship of rice genotypes resistant to tungro virus. <i>Comptes Rendus - Biologies</i> , <b>2013</b> , 336, 125-33	1.4	6

32	Optimizing Pretreatment Process Conditions Using Lewis Acid Catalyst for Higher Crystallinity of Cellulose. <i>Science of Advanced Materials</i> , <b>2016</b> , 8, 534-544	2.3	6
31	Development and validation of short-amplicon length PCR assay for macaques meat detection under complex matrices. <i>International Journal of Food Properties</i> , <b>2017</b> , 20, 231-245	3	5
30	Nanobiosensor for the Detection and Quantification of Specific DNA Sequences in Degraded Biological Samples. <i>IFMBE Proceedings</i> , <b>2011</b> , 384-387	0.2	5
29	Inhibitory Effect of Chocolate Components Toward Lard Detection in Chocolate Using Real Time PCR. <i>International Journal of Food Properties</i> , <b>2016</b> , 19, 2587-2595	3	5
28	Photoconductive Carbon Nanotube (CNT): A Potential Candidate for Future Renewable Energy. <i>Advanced Materials Research</i> , <b>2014</b> , 925, 48-51	0.5	4
27	Botanicals to control soft rot bacteria of potato. <i>Scientific World Journal, The</i> , <b>2012</b> , 2012, 796472	2.2	4
26	Surfactant Assisted Ball Milling: A Simple Top down Approach for the Synthesis of Controlled Structure Nanoparticle. <i>Advanced Materials Research</i> , <b>2013</b> , 832, 356-361	0.5	4
25	Polysilicon nanogap fabrication using a thermal oxidation process. <i>Microelectronics International</i> , <b>2012</b> , 29, 40-46	0.8	4
24	Less than 10-nm Gap Silicon and Polysilicon Electrodes for Sensing pH and Yeast Concentration. <i>Current Nanoscience</i> , <b>2012</b> , 8, 925-929	1.4	4
23	DNA Hybridization Detection Using 5-nm Polysilicon Nanogap Structure. <i>Current Nanoscience</i> , <b>2013</b> , 9, 283-287	1.4	4
22	Catalytic Oxidation of Alkyl Benzene. <i>Advanced Materials Research</i> , <b>2015</b> , 1109, 248-252	0.5	3
21	Zeolite Supported Ionic Liquid Catalyst for the Synthesis of Nano-Cellulose from Palm Tree Biomass. <i>Advanced Materials Research</i> , <b>2014</b> , 925, 52-56	0.5	3
20	Sol-Gel Synthesis of ZnO Nanorods for Ultrasensitive Detection of Acetone. <i>Advanced Science Letters</i> , <b>2013</b> , 19, 3560-3563	0.1	3
19	Food assimilated by two sympatric populations of the brown planthopper <i>Nilaparvata lugens</i> (Delphacidae) feeding on different host plants contaminates insect DNA detected by RAPD-PCR analysis. <i>Genetics and Molecular Research</i> , <b>2012</b> , 11, 30-41	1.2	3
18	TaqMan probe real-time polymerase chain reaction assay for the quantification of canine DNA in chicken nugget. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , <b>2016</b> , 33, 10-8	3.2	2
17	Preparation of Mesoporous SBA-16 Silica-Supported Biscinchona Alkaloid Ligand for the Asymmetric Dihydroxylation of Olefins. <i>Journal of Nanomaterials</i> , <b>2014</b> , 2014, 1-5	3.2	2
16	Green Catalytic Approach for the Synthesis of Platform Chemicals from Palm Tree Lignin. <i>Advanced Materials Research</i> , <b>2014</b> , 925, 62-66	0.5	2
15	Potentiality of polysilicon nanogap structure for label-free biomolecular detection. <i>Microelectronics International</i> , <b>2013</b> , 30, 68-72	0.8	2

14	SERS-Modeling in Molecular Sensing. <i>Advanced Materials Research</i> , <b>2015</b> , 1109, 223-226	0.5	1
13	Synergizing TiO <sub>2</sub> Surface to Enhance Photocatalysis: A Green Technology for Clean and Safe Environment - A Review. <i>Advanced Materials Research</i> , <b>2015</b> , 1109, 300-303	0.5	1
12	Design and Synthesis of Silica Supported Nanoporous Gold-Palladium Bimetallic Catalyst for Alkyl Benzene Oxidation. <i>Advanced Materials Research</i> , <b>2015</b> , 1109, 444-447	0.5	1
11	Preparation of Mesoporous Silica-Supported Chiral Amino Alcohols for the Enantioselective Addition of Diethylzinc to Aldehyde and Asymmetric Transfer Hydrogenation to Ketones. <i>Journal of Nanomaterials</i> , <b>2015</b> , 2015, 1-6	3.2	1
10	Silica Supported Mesoporous Titania: A Green Catalyst for Removing Environmental Pollutants and Generating Green Energy. <i>Advanced Materials Research</i> , <b>2014</b> , 925, 694-698	0.5	1
9	SERS-Active Nanomaterials: A New Dimension in Sensing Nucleic Acids. <i>Advanced Materials Research</i> , <b>2014</b> , 925, 490-494	0.5	1
8	Green Catalytic Approach for the Synthesis of Functionalized Nanocellulose from Palm Tree Biomass. <i>Advanced Materials Research</i> , <b>2014</b> , 925, 57-61	0.5	1
7	Characterization and identification of soft rot bacterial pathogens in Bangladeshi potatoes. <i>African Journal of Microbiology Research</i> , <b>2012</b> , 6, 1437-1445	0.5	1
6	Genetic dissection of sympatric populations of brown planthopper, <i>Nilaparvata lugens</i> (Stål), using DALP-PCR molecular markers. <i>Scientific World Journal, The</i> , <b>2012</b> , 2012, 586831	2.2	1
5	Synthesis of Supported Gold Nanocatalysts for the Oxidation of Alkyl Benzenes. <i>Advanced Materials Research</i> , <b>2015</b> , 1109, 60-63	0.5	
4	Gold Nanoparticles - An Enhanced DNA Sensing Tools Using Surface Enhance Raman Scattering. <i>Advanced Materials Research</i> , <b>2015</b> , 1109, 439-443	0.5	
3	Mesoporous Silica-Supported Sulfonyldiamine Ligand for Microwave-Assisted Transfer Hydrogenation. <i>Journal of Nanomaterials</i> , <b>2015</b> , 2015, 1-6	3.2	
2	Catalytic Pretreatments of Palm Tree Biomass for the Extraction of Lignin, Cellulose and Hemicelluloses. <i>Advanced Materials Research</i> , <b>2014</b> , 925, 67-71	0.5	
1	Nanoscale DNA Sensing-Potential and Prospects. <i>Advanced Materials Research</i> , <b>2014</b> , 925, 486-489	0.5	