Ali Me

List of Publications by Year
in descending order

104 papers	3,963 citations	136950 32 h-index	128289 60 g-index
104 all docs	104 docs citations	104 times ranked	4624 citing authors

#	Article	IF	Citations
1	Carbon nanotube membranes for water purification: A bright future in water desalination. Desalination, 2014, 336, 97-109.	8.2	734
2	Multifunctional carbon nanotubes in water treatment: The present, past and future. Desalination, 2014, 354, 160-179.	8.2	210
3	Purslane Weed (Portulaca oleracea): A Prospective Plant Source of Nutrition, Omega-3 Fatty Acid, and Antioxidant Attributes. Scientific World Journal, The, 2014, 2014, 1-6.	2.1	193
4	Multiplex PCR assay for the detection of five meat species forbidden in Islamic foods. Food Chemistry, 2015, 177, 214-224.	8.2	158
5	Evaluation of Antioxidant Properties and Mineral Composition of Purslane (Portulaca oleracea L.) at Different Growth Stages. International Journal of Molecular Sciences, 2012, 13, 10257-10267.	4.1	123
6	Multiplex PCR in Species Authentication: Probability and Prospectsâ€"A Review. Food Analytical Methods, 2014, 7, 1933-1949.	2.6	103
7	Characterisation of calcium carbonate and its polymorphs from cockle shells (Anadara granosa). Powder Technology, 2011, 213, 188-191.	4.2	101
8	Analysis of pork adulteration in commercial meatballs targeting porcine-specific mitochondrial cytochrome b gene by TaqMan probe real-time polymerase chain reaction. Meat Science, 2012, 91, 454-459.	5.5	91
9	Can We Optimize Arc Discharge and Laser Ablation for Well-Controlled Carbon Nanotube Synthesis?. Nanoscale Research Letters, 2016, 11, 510.	5.7	87
10	Species Authentication Methods in Foods and Feeds: the Present, Past, and Future of Halal Forensics. Food Analytical Methods, 2012, 5, 935-955.	2.6	84
11	A novel method for the synthesis of calcium carbonate (aragonite) nanoparticles from cockle shells. Powder Technology, 2013, 235, 70-75.	4.2	84
12	Statistical Optimization for Acid Hydrolysis of Microcrystalline Cellulose and Its Physiochemical Characterization by Using Metal Ion Catalyst. Materials, 2014, 7, 6982-6999.	2.9	77
13	Polymerase chain reaction assay targeting cytochrome b gene for the detection of dog meat adulteration in meatball formulation. Meat Science, 2014, 97, 404-409.	5.5	69
14	Universal mini COI barcode for the identification of fish species in processed products. Food Research International, 2018, 105, 19-28.	6.2	69
15	Nanoparticle sensor for label free detection of swine DNA in mixed biological samples. Nanotechnology, 2011, 22, 195503.	2.6	66
16	Swine-Specific PCR-RFLP Assay Targeting Mitochondrial Cytochrome B Gene for Semiquantitative Detection of Pork in Commercial Meat Products. Food Analytical Methods, 2012, 5, 613-623.	2.6	61
17	Solâ€"gel synthesis of Pd doped ZnO nanorods for room temperature hydrogen sensing applications. Ceramics International, 2013, 39, 6461-6466.	4.8	60
18	Gold Nanoparticle Sensor for the Visual Detection of Pork Adulteration in Meatball Formulation. Journal of Nanomaterials, 2012, 2012, 1-7.	2.7	58

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19	Heterogeneous Metal Catalysts for Oxidation Reactions. Journal of Nanomaterials, 2014, 2014, 1-23.	2.7	55
20	Performance of cobalt titanate towards H₂O₂ based catalytic oxidation of lignin model compound. RSC Advances, 2015, 5, 79644-79653.	3.6	55
21	Morphological, optical, and Raman characteristics of ZnO nanoflakes prepared via a solâ€“gel method. Physica Status Solidi (A) Applications and Materials Science, 2012, 209, 143-147.	1.8	52
22	Double Gene Targeting Multiplex Polymerase Chain Reactionâ€“Restriction Fragment Length Polymorphism Assay Discriminates Beef, Buffalo, and Pork Substitution in Frankfurter Products. Journal of Agricultural and Food Chemistry, 2016, 64, 6343-6354.	5.2	52
23	Dietary supplementation of inosine monophosphate promotes cellular growth of muscle and upregulates growth-related gene expression in Nile tilapia Oreochromis niloticus. Aquaculture, 2017, 468, 297-306.	3.5	50
24	Effect of Different Seed Solutions on the Morphology and Electrooptical Properties of ZnO Nanorods. Journal of Nanomaterials, 2012, 2012, 1-6.	2.7	49
25	A novel catalytic method for the synthesis of spherical aragonite nanoparticles from cockle shells. Powder Technology, 2013, 246, 434-440.	4.2	49
26	Targeting double genes in multiplex PCR for discriminating bovine, buffalo and porcine materials in food chain. Food Control, 2017, 73, 175-184.	5.5	48
27	Analysis of Pork Adulteration in Commercial Burgers Targeting Porcine-Specific Mitochondrial Cytochrome B Gene by TaqMan Probe Real-Time Polymerase Chain Reaction. Food Analytical Methods, 2012, 5, 784-794.	2.6	45
28	Nanobiosensor for Detection and Quantification of DNA Sequences in Degraded Mixed Meats. Journal of Nanomaterials, 2011, 2011, 1-11.	2.7	42
29	Nanobiosensor for the detection and quantification of pork adulteration in meatball formulation. Journal of Experimental Nanoscience, 2014, 9, 152-160.	2.4	42
30	Facile Synthesis of Calcium Carbonate Nanoparticles from Cockle Shells. Journal of Nanomaterials, 2012, 2012, 1-5.	2.7	40
31	Multiplex PCR to discriminate bovine, porcine, and fish DNA in gelatin and confectionery products. LWT - Food Science and Technology, 2018, 92, 169-176.	5.2	38
32	Impact of hydrogen concentrations on the impedance spectroscopic behavior of Pd-sensitized ZnO nanorods. Nanoscale Research Letters, 2013, 8, 68.	5.7	33
33	Characterisation, analysis and optical properties of nanostructure ZnO using the solâ€“gel method. Micro and Nano Letters, 2012, 7, 163.	1.3	32
34	Canine-Specific PCR Assay Targeting Cytochrome b Gene for the Detection of Dog Meat Adulteration in Commercial Frankfurters. Food Analytical Methods, 2014, 7, 234-241.	2.6	32
35	A suitable method for the detection of a potential fraud of bringing macaque monkey meat into the food chain. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2015, 32, 1013-1022.	2.3	32
36	Quantitative Tetraplex Real-Time Polymerase Chain Reaction Assay with TaqMan Probes Discriminates Cattle, Buffalo, and Porcine Materials in Food Chain. Journal of Agricultural and Food Chemistry, 2017, 65, 3975-3985.	5.2	31

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37	Morphological, structural, and gas-sensing characterization of tin-doped indium oxide nanoparticles. Ceramics International, 2014, 40, 1321-1328.	4.8	30
38	Fabrication and Characterization of ZnO Thin Films by Sol-Gel Spin Coating Method for the Determination of Phosphate Buffer Saline Concentration. Current Nanoscience, 2013, 9, 288-292.	1.2	29
39	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. Journal of Agricultural and Food Chemistry, 2019, 67, 8268-8278.	5.2	28
40	Solâ€“gel derived ZnO nanoparticulate films for ultraviolet photodetector (UV) applications. Optik, 2013, 124, 5373-5376.	2.9	27
41	Modification of gelatinâ€“<scp>DNA</scp> interaction for optimised <scp>DNA</scp> extraction from gelatin and gelatin capsule. Journal of the Science of Food and Agriculture, 2016, 96, 2344-2351.	3.5	26
42	TaqMan probe based multiplex quantitative PCR assay for determination of bovine, porcine and fish DNA in gelatin admixture, food products and dietary supplements. Food Chemistry, 2020, 325, 126756.	8.2	26
43	Multiplex polymerase chain reaction-restriction fragment length polymorphism assay discriminates of rabbit, rat and squirrel meat in frankfurter products. Food Control, 2018, 84, 148-158.	5.5	25
44	Common Wet Chemical Agents for Purifying Multiwalled Carbon Nanotubes. Journal of Nanomaterials, 2014, 2014, 1-9.	2.7	24
45	Covalent Functionalization Schemes for Tailoring Solubility of Multi-Walled Carbon Nanotubes in Water and Acetone Solvents. Science of Advanced Materials, 2015, 7, 2726-2737.	0.7	24
46	Structure-controlled Nanomaterial Synthesis using Surfactant-assisted Ball Milling- A Review. Current Nanoscience, 2014, 10, 344-354.	1.2	24
47	Nanobioprobe for the Determination of Pork Adulteration in Burger Formulations. Journal of Nanomaterials, 2012, 2012, 1-7.	2.7	21
48	Multifunctional Carbon Nanotubes (CNTs): A New Dimension in Environmental Remediation. Advanced Materials Research, 0, 832, 328-332.	0.3	21
49	Isolation, Characterization, and Identification of Biological Control Agent for Potato Soft Rot in Bangladesh. Scientific World Journal, The, 2012, 2012, 1-6.	2.1	20
50	Structural and impedance spectroscopy study of Alâ€doped ZnO nanorods grown by solâ€gel method. Microelectronics International, 2012, 29, 131-135.	0.6	19
51	A suitable method to detect potential fraud of bringing Malayan box turtle (<i>Cuora) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 18 Analysis, Control, Exposure and Risk Assessment, 2015, 32, 1223-1233.	2.3	19
52	Synthesis, PASS-Predication and in Vitro Antimicrobial Activity of Benzyl 4-O-benzoyl-Î±-l-rhamnopyranoside Derivatives. International Journal of Molecular Sciences, 2016, 17, 1412.	4.1	19
53	Morphological, Structural, and Electrical Characterization of Sol-Gel-Synthesized ZnO Nanorods. Journal of Nanomaterials, 2013, 2013, 1-7.	2.7	18
54	Lab-on-a-Chip PCR-RFLP Assay for the Detection of Canine DNA in Burger Formulations. Food Analytical Methods, 2015, 8, 1598-1606.	2.6	18

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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. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2015, 32, 1902-1913.	2.3	18
56	Lab-on-a-Chip-Based PCR-RFLP Assay for the Detection of Malayan Box Turtle (Cuora amboinensis) in the Food Chain and Traditional Chinese Medicines. PLoS ONE, 2016, 11, e0163436.	2.5	18
57	Development of swine-specific DNA markers for biosensor-based halal authentication. Genetics and Molecular Research, 2012, 11, 1762-1772.	0.2	17
58	Short Amplicon-Length PCR Assay Targeting Mitochondrial Cytochrome b Gene for the Detection of Feline Meats in Burger Formulation. Food Analytical Methods, 2016, 9, 571-581.	2.6	17
59	The Electroosmosis Mechanism for Fluid Delivery in PDMS Multi-Layer Microchannel. Advanced Science Letters, 2013, 19, 12-15.	0.2	17
60	Duplex real-time PCR assay using SYBR Green to detect and quantify Malayan box turtle (Cuora) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5(powder. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2016, 33, 1643-1659.	2.3	16
61	Tetraplex PCR assay involving double gene-sites discriminates beef and buffalo in Malaysian meat curry and burger products. Food Chemistry, 2017, 224, 97-104.	8.2	16
62	Bambangan (Mangifera pajang) kernel fat: a potential new source of cocoa butter alternative. International Journal of Food Science and Technology, 2018, 53, 1689-1697.	2.7	16
63	Lab-on-a-chip-based PCR-RFLP assay for the confirmed detection of short-length feline DNA in food. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2015, 32, 1373-1383.	2.3	15
64	DNA hybridization detection using less than 10-nm gap silicon nanogap structure. Sensors and Actuators A: Physical, 2013, 199, 304-309.	4.1	13
65	Fabrication of Lateral Polysilicon Gap of Less than 50â€‰nm Using Conventional Lithography. Journal of Nanomaterials, 2011, 2011, 1-8.	2.7	12
66	Au decorated ZnO thin film: application to DNA sensing. Microsystem Technologies, 2016, 22, 903-910.	2.0	12
67	Inheritance studies of SSR and ISSR molecular markers and phylogenetic relationship of rice genotypes resistant to tungro virus. Comptes Rendus - Biologies, 2013, 336, 125-133.	0.2	11
68	Inhibitory Effect of Chocolate Components Toward Lard Detection in Chocolate Using Real Time PCR. International Journal of Food Properties, 2016, 19, 2587-2595.	3.0	11
69	Surfactant Assisted Ball Milling: A Simple Top down Approach for the Synthesis of Controlled Structure Nanoparticle. Advanced Materials Research, 0, 832, 356-361.	0.3	10
70	Nanoclustered Gold: A Promising Green Catalysts for the Oxidation of Alkyl Substituted Benzenes. Advanced Materials Research, 0, 925, 38-42.	0.3	10
71	Conventional to Nano-Green Adsorbents for Water Pollution Management - A Review. Advanced Materials Research, 0, 925, 674-678.	0.3	10
72	Multiplex MPN-PCR for the enumeration of three major Vibrios in raw fishes in Malaysia. Food Control, 2018, 90, 459-465.	5.5	10

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73	A Method for the Detection of Potential Fraud of Bringing Feline Meat in Food Chain. International Journal of Food Properties, 2016, 19, 1645-1658.	3.0	9
74	Development and validation of short-amplicon length PCR assay for macaques meat detection under complex matrices. International Journal of Food Properties, 2017, 20, 231-245.	3.0	8
75	Optimizing Pretreatment Process Conditions Using Lewis Acid Catalyst for Higher Crystallinity of <I>Î±</I>-Cellulose. Science of Advanced Materials, 2016, 8, 534-544.	0.7	7
76	Nanobiosensor for the Detection and Quantification of Specific DNA Sequences in Degraded Biological Samples. IFMBE Proceedings, 2011, , 384-387.	0.3	6
77	Botanicals to Control Soft Rot Bacteria of Potato. Scientific World Journal, The, 2012, 2012, 1-6.	2.1	5
78	Characterization and identification of soft rot bacterial pathogens in Bangladeshi potatoes. African Journal of Microbiology Research, 2012, 6, 1437-1445.	0.4	5
79	Catalytic Oxidation of Alkyl Benzene. Advanced Materials Research, 2015, 1109, 248-252.	0.3	5
80	Polysilicon nanogap fabrication using a thermal oxidation process. Microelectronics International, 2012, 29, 40-46.	0.6	4
81	Less than 10-nm Gap Silicon and Polysilicon Electrodes for Sensing pH and Yeast Concentration. Current Nanoscience, 2012, 8, 925-929.	1.2	4
82	Zeolite Supported Ionic Liquid Catalyst for the Synthesis of Nano-Cellulose from Palm Tree Biomass. Advanced Materials Research, 0, 925, 52-56.	0.3	4
83	Photoconductive Carbon Nanotube (CNT): A Potential Candidate for Future Renewable Energy. Advanced Materials Research, 0, 925, 48-51.	0.3	4
84	DNA Hybridization Detection Using 5-nm Polysilicon Nanogap Structure. Current Nanoscience, 2013, 9, 283-287.	1.2	4
85	Genetic Dissection of Sympatric Populations of Brown Planthopper,<i>Nilaparvata lugens</i>(StÃ¥l), Using DALP-PCR Molecular Markers. Scientific World Journal, The, 2012, 2012, 1-11.	2.1	3
86	Preparation of Mesoporous SBA-16 Silica-Supported Biscinchona Alkaloid Ligand for the Asymmetric Dihydroxylation of Olefins. Journal of Nanomaterials, 2014, 2014, 1-5.	2.7	3
87	Solâ€“Gel Synthesis of ZnO Nanorods for Ultrasensitive Detection of Acetone. Advanced Science Letters, 2013, 19, 3560-3563.	0.2	3
88	Food assimilated by two sympatric populations of the brown planthopper Nilaparvata lugens (Delphacidae) feeding on different host plants contaminates insect DNA detected by RAPD-PCR analysis. Genetics and Molecular Research, 2012, 11, 30-41.	0.2	3
89	Potentiality of polysilicon nanogap structure for labelâ€free biomolecular detection. Microelectronics International, 2013, 30, 68-72.	0.6	2
90	Green Catalytic Approach for the Synthesis of Platform Chemicals from Palm Tree Lignin. Advanced Materials Research, 0, 925, 62-66.	0.3	2

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91	Synergizing TiO₂ Surface to Enhance Photocatalysis: A Green Technology for Clean and Safe Environment - A Review. Advanced Materials Research, 0, 1109, 300-303.	0.3	2
92	TaqMan probe real-time polymerase chain reaction assay for the quantification of canine DNA in chicken nugget. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2015, 33, 1-9.	2.3	2
93	Silica Supported Mesoporous Titania: A Green Catalyst for Removing Environmental Pollutants and Generating Green Energy. Advanced Materials Research, 0, 925, 694-698.	0.3	1
94	SERS-Active Nanomaterials: A New Dimension in Sensing Nucleic Acids. Advanced Materials Research, 0, 925, 490-494.	0.3	1
95	Green Catalytic Approach for the Synthesis of Functionalized Nanocellulose from Palm Tree Biomass. Advanced Materials Research, 0, 925, 57-61.	0.3	1
96	Preparation of Mesoporous Silica-Supported Chiral Amino Alcohols for the Enantioselective Addition of Diethylzinc to Aldehyde and Asymmetric Transfer Hydrogenation to Ketones. Journal of Nanomaterials, 2015, 2015, 1-6.	2.7	1
97	SERS-Modeling in Molecular Sensing. Advanced Materials Research, 2015, 1109, 223-226.	0.3	1
98	Design and Synthesis of Silica Supported Nanoporous Gold-Palladium Bimetallic Catalyst for Alkyl Benzene Oxidation. Advanced Materials Research, 2015, 1109, 444-447.	0.3	1
99	Catalytic Pretreatments of Palm Tree Biomass for the Extraction of Lignin, Cellulose and Hemicelluloses. Advanced Materials Research, 0, 925, 67-71.	0.3	0
100	Nanoscale DNA Sensing-Potential and Prospects. Advanced Materials Research, 0, 925, 486-489.	0.3	0
101	Mesoporous Silica-Supported Sulfonyldiamine Ligand for Microwave-Assisted Transfer Hydrogenation. Journal of Nanomaterials, 2015, 2015, 1-6.	2.7	0
102	Synthesis of Supported Gold Nanocatalysts for the Oxidation of Alkyl Benzenes. Advanced Materials Research, 2015, 1109, 60-63.	0.3	0
103	Gold Nanoparticles - An Enhanced DNA Sensing Tools Using Surface Enhance Raman Scattering. Advanced Materials Research, 0, 1109, 439-443.	0.3	0
104	Electrical Properties of Silicon-Based Nanogap Electrodes for Label-Free Biomolecular Detection. Journal of Nanoelectronics and Optoelectronics, 2013, 8, 156-159.	0.5	0