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**Biosynthesis of silver and gold nanoparticles by novel  
sundried *Cinnamomum camphora* leaf**

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1218	Silver, gold and the corresponding core shell nanoparticles: synthesis and characterization. <b>2008</b> , 10, 97-106		35
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1215	Synthesis of SrCrO <sub>4</sub> nanostructures by onion inner-coat template and their optical properties. <b>2008</b> , 31, 603-608		13
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1213	Coriander leaf mediated biosynthesis of gold nanoparticles. <b>2008</b> , 62, 4588-4590		396
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1209	Biological synthesis of gold nanoparticles using <i>Magnolia kobus</i> and <i>Diopyros kaki</i> leaf extracts. <b>2009</b> , 44, 1133-1138		605
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1197	Alternative bio-reduction synthesis method for the preparation of Au(AgAu)/SiO <sub>2</sub> /Al <sub>2</sub> O <sub>3</sub> catalysts: Oxidation and hydrogenation of CO. <b>2009</b> , 90, 64-73	41
1196	A general strategy for the biosynthesis of gold nanoparticles by traditional Chinese medicines and their potential application as catalysts. <b>2009</b> , 4, 1050-4	38
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1189	A New Report on Mycosynthesis of Silver Nanoparticles by <i>Fusarium culmorum</i> . <b>2010</b> , 6, 376-380	65
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1185	Tannin biosynthesis of iron oxide nanoparticles. <b>2010</b> , 100, 453-459	57

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1183	Preparation and physicochemical characterization of Ag nanoparticles biosynthesized by <i>Lippia citriodora</i> (Lemon Verbena). <b>2010</b> , 81, 67-73	158
1182	Biosynthesis of gold nanoparticles by foliar broths: roles of biocompounds and other attributes of the extracts. <b>2010</b> , 5, 1351-9	87
1181	Effect of Inorganic Silver Nanoparticles on Structural and Electrical Properties of Polyaniline/PVC Blends. <b>2010</b> , 20, 783-792	14
1180	Green synthesis of palladium nanoparticles using broth of <i>Cinnamomum camphora</i> leaf. <b>2010</b> , 12, 1589-1598	263
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1178	Phytosynthesis of gold nanoparticles using leaf extract of <i>Coleus amboinicus</i> Lour. <b>2010</b> , 61, 1232-1238	132
1177	Analysis of the Volatile Components in the Leaves of <i>Cinnamomum camphora</i> by Static Headspace Gas Chromatography Mass Spectrometry Combined with Accurate Weight Measurement. <b>2010</b> , 28, 1451-1456 <sup>6</sup>	6
1176	Counter ions and temperature incorporated tailoring of biogenic gold nanoparticles. <b>2010</b> , 45, 1450-1458	61
1175	Honey mediated green synthesis of silver nanoparticles. <b>2010</b> , 75, 1078-81	156
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1171	Nature factory of silver nanowires: Plant-mediated synthesis using broth of <i>Cassia fistula</i> leaf. <b>2010</b> , 162, 852-858	112
1170	Single-pot synthesis: Plant mediated gold nanoparticles catalyzed reduction of methylene blue in presence of stannous chloride. <b>2010</b> , 367, 102-107	49
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1168	Pear fruit extract-assisted room-temperature biosynthesis of gold nanoplates. <b>2010</b> , 75, 584-9	185
1167	Synthesis of silver nanoparticles using <i>Acalypha indica</i> leaf extracts and its antibacterial activity against water borne pathogens. <b>2010</b> , 76, 50-6	879

1166	Rapid biosynthesis of irregular shaped gold nanoparticles from macerated aqueous extracellular dried clove buds ( <i>Syzygium aromaticum</i> ) solution. <b>2010</b> , 79, 235-40	159
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1164	. <b>2010</b> ,	2
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1160	Green Synthesis of Silver Nanoparticles Using <i>Cycas</i> Leaf. <b>2010</b> , 1, P110-P117	131
1159	Green Recovery of Gold through Biosorption, Biocrystallization, and Pyro-Crystallization. <b>2010</b> , 49, 7129-7135	60
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1157	The surface chemistry and stability of gold nanoparticles prepared using methanol extract of <i>Eucalyptus camaldulensis</i> . <b>2011</b> , 6, 200-208	18
1156	The Physical Performance and Wearability of the Silk Fabric Treated with Silver Nanoparticle Synthesized by the Extract from Cactus. <b>2011</b> , 175-176, 619-623	1
1155	Transfer of biosynthesized gold nanoparticles from water into an ionic liquid using alkyltrimethyl ammonium bromide: an anion-exchange process. <b>2011</b> , 27, 166-9	8
1154	Biogenic Silver Nanoparticles by <i>Cacumen Platycladi</i> Extract: Synthesis, Formation Mechanism, and Antibacterial Activity. <b>2011</b> , 50, 9095-9106	141
1153	pH induced protein-scaffold biosynthesis of tunable shape gold nanoparticles. <i>Nanotechnology</i> , <b>2011</b> , 22, 355603	3-4 4
1152	Synthesis of silver nanoparticles using <i>Aegle marmelos</i> plant extract and evaluation of their antimicrobial activities and cytotoxicity. <b>2011</b> ,	
1151	Synthesis of silver nanoparticles using <i>Cynodon dactylon</i> plant extract and evaluation of their antimicrobial activities and cytotoxicity. <b>2011</b> ,	2
1150	Biosynthesis and Antimicrobial Potential of Metal Nanoparticles. <b>2011</b> , 3, 72-82	4
1149	Green synthesis and antibacterial effect of silver nanoparticles using <i>Vitex negundo</i> L. <b>2011</b> , 16, 6667-76	225

1148	Green synthesis of Au/TS-1 catalysts via two novel modes and their surprising performance for propylene epoxidation. <b>2011</b> , 12, 830-833	40
1147	Microbe-Microbe, Microbe-Plant Biocommunication. <b>2011</b> , 439-464	3
1146	In vitro biosynthesis and genotoxicity bioassay of silver nanoparticles using plants. <b>2011</b> , 25, 1097-105	192
1145	Catharanthus roseus: a natural source for the synthesis of silver nanoparticles. <b>2011</b> , 1, 270-4	114
1144	An Insight into the Bacterial Biogenesis of Silver Nanoparticles, Industrial Production and Scale-up. <b>2011</b> , 17-35	45
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1136	Extracellular synthesis of silver nanoparticles using the leaf extract of <i>Coleus amboinicus</i> Lour.. <b>2011</b> , 46, 1708-1713	71
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1122	Crystallization of silver through reduction process using <i>Elaeis guineensis</i> biosolid extract. <b>2011</b> , 27, 273-9	18
1121	Facile green synthesis of gold nanostructures by NADPH-dependent enzyme from the extract of <i>Sclerotium rolfsii</i> . <b>2011</b> , 380, 156-161	81
1120	Euphorbiaceae latex induced green synthesis of non-cytotoxic metallic nanoparticle solutions: A rational approach to antimicrobial applications. <b>2011</b> , 384, 337-344	67
1119	Biosynthesis of silver, gold and bimetallic nanoparticles using the filamentous fungus <i>Neurospora crassa</i> . <b>2011</b> , 83, 42-8	313
1118	Green Synthesis of Fe and Fe/Pd Bimetallic Nanoparticles in Membranes for Reductive Degradation of Chlorinated Organics. <b>2011</b> , 379, 131-137	249
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1109	Ellagic acid promoted biomimetic synthesis of shape-controlled silver nanochains. <i>Nanotechnology</i> , <b>2011</b> , 22, 225605	3-4	22
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1076	Green synthesis of silver nanoparticles through reduction with <i>Solanum xanthocarpum</i> L. berry extract: characterization, antimicrobial and urease inhibitory activities against <i>Helicobacter pylori</i> . <b>2012</b> , 13, 9923-41	210
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1060	A rapid biosynthesis route for the preparation of gold nanoparticles by aqueous extract of cypress leaves at room temperature. <b>2012</b> , 94, 84-8	83
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1051	Synthesis and characterization of silver nanoparticles using water-soluble starch and its antibacterial activity on <i>Staphylococcus aureus</i> . <b>2013</b> , 65, 931-937	37
1050	Biologically synthesized green silver nanoparticles from leaf extract of <i>Vitex negundo</i> L. induce growth-inhibitory effect on human colon cancer cell line HCT15. <b>2013</b> , 48, 317-324	119
1049	Green synthesis, antimicrobial and cytotoxic effects of silver nanoparticles using <i>Eucalyptus chapmaniana</i> leaves extract. <b>2013</b> , 3, 58-63	159
1048	Biosynthesis of silver nanoparticles at room temperature using aqueous aloe leaf extract and antibacterial properties. <b>2013</b> , 423, 63-68	93
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1046	GCMS analysis of bioactive components and synthesis of silver nanoparticle using <i>Ammannia baccifera</i> aerial extract and its larvicidal activity against malaria and filariasis vectors. <b>2013</b> , 47, 239-245	53
1045	Fabrication, characterization and mosquito larvicidal bioassay of silver nanoparticles synthesized from aqueous fruit extract of putranjiva, <i>Drypetes roxburghii</i> (Wall.). <b>2013</b> , 112, 1451-9	79
1044	Synthesis and characterization of silver nanoparticles using <i>Cynodon dactylon</i> leaves and assessment of their antibacterial activity. <b>2013</b> , 36, 999-1004	55
1043	Green synthesis of silver nanoparticles: an approach to overcome toxicity. <b>2013</b> , 36, 807-12	110
1042	Bioavailability enhancers of herbal origin: an overview. <b>2013</b> , 3, 253-66	194
1041	Synthesis of metallic silver nanoparticles and silver organometallic nanodisks mediated by extracts of <i>Capsicum annum</i> var. <i>aviculare</i> (piquin) fruits. <b>2013</b> , 3, 20765	38

1040	Synthesis of platinum nanoparticles using dried <i>Anacardium occidentale</i> leaf and its catalytic and thermal applications. <b>2013</b> , 114, 267-71	70
1039	Mixed protein-templated luminescent metal clusters (Au and Pt) for H <sub>2</sub> O <sub>2</sub> sensing. <b>2013</b> , 8, 182	33
1038	Plant mediated green synthesis: modified approaches. <b>2013</b> , 5, 10155-62	44
1037	Biosynthesis of Palladium Nanoparticles Using <i>Delonix regia</i> Leaf Extract and Its Catalytic Activity for Nitro-aromatics Hydrogenation. <b>2013</b> , 52, 18131-18139	101
1036	Synthesis and characterization of silver/lithium cobalt oxide (Ag/LiCoO <sub>2</sub> ) nanofibers via sol-gel electrospinning. <b>2013</b> , 74, 1538-1545	16
1035	Green synthesis of silver nanoparticles using <i>Sida acuta</i> (Malvaceae) leaf extract against <i>Culex quinquefasciatus</i> , <i>Anopheles stephensi</i> , and <i>Aedes aegypti</i> (Diptera: Culicidae). <b>2013</b> , 112, 4073-85	83
1034	Biosynthesis of silver nanoparticles by natural precursor from clove and their antimicrobial activity. <b>2013</b> , 68, 1048-1053	17
1033	High-performance nanothermite composites based on aloe-vera-directed CuO nanorods. <b>2013</b> , 5, 13364-74	63
1032	Synthesis of metallic nanoparticles using plant extracts. <b>2013</b> , 31, 346-56	1372
1031	Surface enhanced Raman scattering, antibacterial and antifungal active triangular gold nanoparticles. <b>2013</b> , 102, 114-9	29
1030	Potential therapeutic and diagnostic applications of one-step in situ biosynthesized gold nanoconjugates (2-in-1 system) in cancer treatment. <b>2013</b> , 3, 2318	54
1029	Enhanced antimicrobial activity of silver nanoparticles synthesized by <i>Cryphonectria</i> sp. evaluated singly and in combination with antibiotics. <b>2013</b> , 9, 105-10	152
1028	Biosynthesis of Gold Nanoparticles Assisted by <i>Sapindus mukorossi</i> Gaertn. Fruit Pericarp and Their Catalytic Application for the Reduction of p-Nitroaniline. <b>2013</b> , 52, 556-564	101
1027	Low-cost and eco-friendly phyto-synthesis of silver nanoparticles using <i>Cocos nucifera</i> coir extract and its larvicidal activity. <b>2013</b> , 43, 631-635	279
1026	Green synthesis of silver nanoparticles from aqueous <i>Aegle marmelos</i> leaf extract. <b>2013</b> , 48, 628-634	77
1025	Rapid synthesis of gold nanoparticles with <i>Cissus quadrangularis</i> extract using microwave irradiation. <b>2013</b> , 106, 190-6	34
1024	Synthesis of silver nanoparticles using the seaweed <i>Codium capitatum</i> P.C. Silva (Chlorophyceae). <b>2013</b> , 86, 1-4	112
1023	State of the art in gold nanoparticle synthesis. <b>2013</b> , 257, 638-665	627

1022	Green synthesis of AuAg alloy nanoparticles using <i>Cacumen platycladi</i> extract. <b>2013</b> , 3, 1878-1884	85
1021	Trisodium Citrate-Assisted Biosynthesis of Silver Nanoflowers by <i>Canarium album</i> Foliar Broths as a Platform for SERS Detection. <b>2013</b> , 52, 5085-5094	29
1020	Biosynthesis and structural characterization of selenium nanoparticles mediated by <i>Zooglea ramigera</i> . <b>2013</b> , 244, 26-29	125
1019	Production of Silver Nanoparticles in a Continuous Stirred Tank Reactor Based on Plant-Mediated Biosynthesis: Flow Behaviors and Residence Time Distribution Prediction by Computational Fluid Dynamics Simulation. <b>2013</b> , 52, 2280-2289	10
1018	Biological Synthesis of Silver Nanoparticles and Assessment of Their Bactericidal Activity. <b>2013</b> , 107-120	2
1017	Greener and Other Approaches To Synthesize Fe and Pd Nanoparticles in Functionalized Membranes and Hydrogel. <b>2013</b> , 41-58	
1016	Green synthesis of silver nanoparticles using <i>Murraya koenigii</i> leaf extract against <i>Anopheles stephensi</i> and <i>Aedes aegypti</i> . <b>2013</b> , 112, 1385-97	60
1015	Green synthesis of gold nanoparticles using seed aqueous extract of <i>Abelmoschus esculentus</i> and its antifungal activity. <b>2013</b> , 45, 423-429	274
1014	Plant-mediated synthesis of platinum nanoparticles and its bioreductive mechanism. <b>2013</b> , 396, 138-45	92
1013	Green chemistry for nanochemistry: exploring medicinal plants for the biogenic synthesis of metal NPs with fine-tuned properties. <b>2013</b> , 3, 11935	58
1012	Evaluation of leaf aqueous extract and synthesized silver nanoparticles using <i>Nerium oleander</i> against <i>Anopheles stephensi</i> (Diptera: Culicidae). <b>2013</b> , 112, 981-90	81
1011	Biological synthesis of silver nanoparticles using the fungus <i>Humicola</i> sp. and evaluation of their cytotoxicity using normal and cancer cell lines. <b>2013</b> , 114, 144-7	152
1010	Green synthesized silver nanoparticles for selective colorimetric sensing of Hg <sup>2+</sup> in aqueous solution at wide pH range. <b>2013</b> , 138, 4370-7	122
1009	Synthesis of NOM-Capped Silver Nanoparticles: Size, Morphology, Stability, and NOM Binding Characteristics. <b>2013</b> , 1, 817-825	19
1008	Biological Synthesis of Colloidal Gold Nanoprisms Using <i>Penicillium citrinum</i> MTCC9999. <b>2013</b> , 04, 20-27	19
1007	Investigation of active biomolecules involved in the nucleation and growth of gold nanoparticles by <i>Artocarpus heterophyllus</i> Lam leaf extract. <b>2013</b> , 15, 1	32
1006	Green synthesis of gold nanoparticles and their anticancer activity. <b>2013</b> , 4, 91-98	128
1005	Synthesis of anisotropic silver nanoparticles using novel strain, <i>Bacillus flexus</i> and its biomedical application. <b>2013</b> , 102, 232-7	228

1004	An investigation on the cytotoxicity and caspase-mediated apoptotic effect of biologically synthesized silver nanoparticles using <i>Podophyllum hexandrum</i> on human cervical carcinoma cells. <b>2013</b> , 102, 708-17	193
1003	Plants as potential synthesiser of precious metal nanoparticles: progress and prospects. <b>2013</b> , 7, 117-24	82
1002	Synthesis of Silver Nanoparticles from the Aqueous Extract of Leaves of <i>Ocimum sanctum</i> for Enhanced Antibacterial Activity. <b>2013</b> , 2013, 1-7	101
1001	Hepatoprotective effect of <i>Curcuma longa</i> against lead induced toxicity in Wistar rats. <b>2013</b> , 6, 664-667	7
1000	Evaluation of Antimicrobial Activity of Biosynthesized Iron and Silver Nanoparticles Using the Fungi <i>Fusarium Oxysporum</i> and <i>Actinomyces</i> SP. on Human Pathogens. <b>2013</b> , 5,	23
999	Synthesis of Silver Nanoparticles Using <i>Triticum aestivum</i> and Its Effect on Peroxide Catalytic Activity and Toxicology. <b>2013</b> , 2013, 1-5	14
998	Facile Synthesis of Gold (Au) Nanoparticles Using <i>Cassia auriculata</i> Flower Extract. <b>2013</b> , 678, 12-16	4
997	Design and fabrication of a micro-actuator based on an electromagnetic membrane device. <b>2013</b> , 35, 274-278	3
996	Biogenic Synthesis of Antifungal Silver Nanoparticles Using Aqueous Stem Extract of Banana. <b>2013</b> , 5,	15
995	Biogenic Synthesis of Silver Nanoparticles Using <i>Saraca indica</i> Leaf Extract and Evaluation of Their Antibacterial Activity. <b>2013</b> , 5,	15
994	Role of Silver Nanoparticle Against Plant Pathogens. <b>2013</b> , 5,	4
993	Nanotechnology for Water and Wastewater Treatment. <b>2013</b> , 12,	6
992	Biosynthesis of Gold Nanoparticles Using <i>Fusarium oxysporum</i> f. sp. <i>cubense</i> JT1, a Plant Pathogenic Fungus. <b>2013</b> , 2013, 515091	15
991	Optimization of green synthesis of silver nanoparticles from leaf extracts of <i>Pimenta dioica</i> (Allspice). <b>2013</b> , 2013, 362890	9
990	Synthesis and Characterization of Silver Nanoparticles Using Cannonball Leaves and Their Cytotoxic Activity against MCF-7 Cell Line. <b>2013</b> , 2013, 1-5	98
989	The antibacterial effect of phyto-mediated silver nanoparticles produced from <i>Ocimum sanctum</i> L. ( <i>Lamiaceae</i> ) leaf extract on textile fabrics. <b>2014</b> , 8, 118-128	2
988	Silver nanoparticles biogenic synthesized using an orange peel extract and their use as an anti-bacterial agent. <b>2014</b> , 9, 34-40	21
987	Microwave Assisted Biosynthesis of Silver Nanoparticles Using the Rhizome Extract of <i>Alpinia galanga</i> and Evaluation of Their Catalytic and Antimicrobial Activities. <b>2014</b> , 2014, 1-9	29

986	Biosynthesis, Characterization, and Antidermatophytic Activity of Silver Nanoparticles Using Raamphal Plant ( <i>Annona reticulata</i> ) Aqueous Leaves Extract. <b>2014</b> , 2014, 1-5	5
985	Synthesis of Silver Nanoparticles in Photosynthetic Plants. <b>2014</b> , 2014, 1-8	263
984	Green Synthesis of Gold Nanoparticles Characterization by using Plant Essential Oil Menthapiperita and their Antifungal Activity against Human Pathogenic Fungi. <b>2014</b> , 05,	3
983	Sunlight-induced rapid and efficient biogenic synthesis of silver nanoparticles using aqueous leaf extract of Linn. with enhanced antibacterial activity. <b>2014</b> , 4, 18	34
982	Synthesis, characterization and antimicrobial activity of <i>Alstonia scholaris</i> bark-extract-mediated silver nanoparticles. <b>2014</b> , 4, 161-170	29
981	Biosynthesis of Silver Nanoparticles Using <i>Chenopodium ambrosioides</i> . <b>2014</b> , 2014, 1-9	16
980	Microorganism-mediated, CTAB-directed synthesis of hierarchically branched Au-nanowire/ <i>Escherichia coli</i> nanocomposites with strong near-infrared absorbance. <b>2014</b> , 89, 1410-1418	14
979	Green Synthesis of Magnesium Oxide Nanoparticles. <b>2014</b> , 952, 141-144	39
978	Antimicrobial activity of latex silver nanoparticles using <i>Calotropis procera</i> . <b>2014</b> , 4, 876-883	45
977	A Brief Introduction to the Development of Biogenic Synthesis of Metal Nanoparticles. <b>2014</b> , 27, 41-52	1
976	Preparation of an agar-silver nanoparticles (A-AgNp) film for increasing the shelf-life of fruits. <b>2014</b> , 8, 190-5	21
975	Gold nanoparticles by <i>Terminalia bellirica</i> aqueous extract by rapid green method. <b>2014</b> , 9, 825-830	16
974	Plant mediated green synthesis and antibacterial activity of silver nanoparticles using <i>Crataegus douglasii</i> fruit extract. <b>2014</b> , 20, 739-744	117
973	Characterization, antioxidant and cytotoxicity evaluation of green synthesized silver nanoparticles using <i>Cleistanthus collinus</i> extract as surface modifier. <b>2014</b> , 49, 494-502	98
972	Biosynthesis of gold nanoparticles using a kind of flavonol: Dihydromyricetin. <b>2014</b> , 441, 127-132	45
971	Anticancer activity of <i>Moringa oleifera</i> mediated silver nanoparticles on human cervical carcinoma cells by apoptosis induction. <b>2014</b> , 117, 354-9	156
970	Enhanced antioxidant activity of gold nanoparticle embedded 3,6-dihydroxyflavone: a combinational study. <b>2014</b> , 4, 153-161	44
969	Plant-mediated synthesis of size-controllable Ni nanoparticles with alfalfa extract. <b>2014</b> , 122, 166-169	41

968	Green synthesis of silver nanoparticles and its application for mosquito control. <b>2014</b> , 4, S204-S210	49
967	Antioxidant and antibacterial activity of silver nanoparticles biosynthesized using <i>Chenopodium murale</i> leaf extract. <b>2014</b> , 18, 356-363	221
966	Cytotoxicity and antimicrobial activities of green synthesized silver nanoparticles. <b>2014</b> , 76, 256-63	95
965	Bioactive compound loaded stable silver nanoparticle synthesis from microwave irradiated aqueous extracellular leaf extracts of <i>Naringi crenulata</i> and its wound healing activity in experimental rat model. <b>2014</b> , 135, 55-61	31
964	Plant extract: a promising biomatrix for ecofriendly, controlled synthesis of silver nanoparticles. <b>2014</b> , 173, 1-29	129
963	Green synthesis of silver nanoparticles by <i>Phoma glomerata</i> . <b>2014</b> , 59, 52-9	101
962	Green synthesis of silver nanoparticles with <i>Dalbergia spinosa</i> leaves and their applications in biological and catalytic activities. <b>2014</b> , 49, 1054-1061	116
961	Catalytic degradation of methylene blue using biosynthesized gold and silver nanoparticles. <b>2014</b> , 118, 526-32	195
960	A feasible approach to phyto-mediated synthesis of silver nanoparticles using industrial crop <i>Gossypium hirsutum</i> (cotton) extract as stabilizing agent and assessment of its in vitro biomedical potential. <b>2014</b> , 55, 1-10	51
959	Low-cost and eco-friendly green synthesis of silver nanoparticles using <i>Feronia elephantum</i> (Rutaceae) against <i>Culex quinquefasciatus</i> , <i>Anopheles stephensi</i> , and <i>Aedes aegypti</i> (Diptera: Culicidae). <b>2014</b> , 113, 1775-85	65
958	Green synthesis of silver nanoparticles using tea leaf extract and evaluation of their stability and antibacterial activity. <b>2014</b> , 444, 226-231	275
957	Spectroscopic investigations, antimicrobial, and cytotoxic activity of green synthesized gold nanoparticles. <b>2014</b> , 129, 484-90	39
956	Green synthesized doxorubicin loaded zinc oxide nanoparticles regulates the Bax and Bcl-2 expression in breast and colon carcinoma. <b>2014</b> , 49, 160-172	145
955	Synthesis of catalytically active silver nanoparticles using lipid derived signaling molecule, N-steroylethanolamine: Promising antibacterial agent and selective colorimetric sensor for mercury ion. <b>2014</b> , 200, 92-100	26
954	Biosynthesis of stable iron oxide nanoparticles in aqueous extracts of <i>Hordeum vulgare</i> and <i>Rumex acetosa</i> plants. <b>2014</b> , 30, 5982-8	198
953	Phytofabrication of gold nanoparticles assisted by leaves of <i>Suaeda monoica</i> and its free radical scavenging property. <b>2014</b> , 135, 75-80	39
952	Green synthesis and characterization of zinc oxide nanoparticles from <i>Ocimum basilicum</i> L. var. <i>purpurascens</i> Benth.-Lamiaceae leaf extract. <b>2014</b> , 131, 16-18	192
951	Tyrosinase inhibitory activity of silver nanoparticles treated with <i>Hovenia dulcis</i> fruit extract: An in vitro study. <b>2014</b> , 129, 28-30	25



950	A green chemistry approach for the synthesis and characterization of bioactive gold nanoparticles using <i>Azolla microphylla</i> methanol extract. <b>2014</b> , 8, 123-135	21
949	Microwave-Assisted Green Synthesis of Silver Nanoparticles Using Orange Peel Extract. <b>2014</b> , 2, 367-376	154
948	Resveratrol stabilized gold nanoparticles enable surface loading of doxorubicin and anticancer activity. <b>2014</b> , 114, 138-43	54
947	Biogenic Syntheses of Gold Nanoparticles Using Plant Extracts. <b>2014</b> , 32, 131-137	35
946	Future Prospects of Phytosynthesized Transition Metal Nanoparticles as Novel Functional Agents for Textiles. <b>2014</b> , 265-290	1
945	Unveiling the chemistry behind the green synthesis of metal nanoparticles. <b>2014</b> , 7, 2704-11	26
944	Life Cycle Assessment of Green Nanoparticle Synthesis Methods. <b>2014</b> , 31, 410-420	35
943	Steroid saponin based extracellular biosynthesis of AgNPs. <b>2014</b> , 199, 489-494	6
942	Fungus-mediated synthesis of gold nanoparticles and standardization of parameters for its biosynthesis. <b>2014</b> , 13, 397-402	26
941	Biosynthesized Ag/Al <sub>2</sub> O <sub>3</sub> catalyst for ethylene epoxidation: the influence of silver precursors. <b>2014</b> , 4, 27597-27603	22
940	Effect of reducing agent concentrations and temperature on characteristics and antimicrobial activity of silver nanoparticles. <b>2014</b> , 137, 160-163	45
939	Investigation of lichen based green synthesis of silver nanoparticles with response surface methodology. <b>2014</b> , 3,	20
938	Antibacterial activity of silver nanoparticles synthesized from latex and leaf extract of <i>Ficus sycomorus</i> . <b>2014</b> , 62, 228-234	52
937	Bionanocomposites Assembled by Bottom to Top Method. <b>2014</b> , 389-447	
936	Leaf extract mediated green synthesis of silver nanoparticles from widely available Indian plants: synthesis, characterization, antimicrobial property and toxicity analysis. <b>2014</b> , 1,	281
935	Potential of <i>Kalopanax septemlobus</i> leaf extract in synthesis of silver nanoparticles for selective inhibition of specific bacterial strain in mixed culture. <b>2014</b> , 174, 587-601	16
934	Exploitation of anaerobic enriched mixed bacteria (AEMB) for the silver and gold nanoparticles synthesis. <b>2014</b> , 462, 264-270	28
933	Mosquito larvicidal properties of silver nanoparticles synthesized using <i>Heliotropium indicum</i> (Boraginaceae) against <i>Aedes aegypti</i> , <i>Anopheles stephensi</i> , and <i>Culex quinquefasciatus</i> (Diptera: Culicidae). <b>2014</b> , 113, 2363-73	61

932	Green synthesis of silver and gold nanoparticles using Zingiber officinale root extract and antibacterial activity of silver nanoparticles against food pathogens. <b>2014</b> , 37, 1935-43	148
931	Phytofabrication characterization and comparative analysis of Ag nanoparticles by diverse biochemicals from <i>Elaeocarpus ganitrus</i> Roxb., <i>Terminalia arjuna</i> Roxb., <i>Pseudotsuga menzietii</i> , <i>Prosopis spicigera</i> , <i>Ficus religiosa</i> , <i>Ocimum sanctum</i> , <i>Curcuma longa</i> . <b>2014</b> , 54, 22-31	16
930	Phytosynthesis of nanoparticles: concept, controversy and application. <b>2014</b> , 9, 229	228
929	Linn: Biogenic synthesis of silver and gold nanoparticles and their cytotoxic effects against MDA-MB-231, human breast cancer cells. <b>2014</b> , 4, 42-49	196
928	Catalytic reduction of methylene blue using biogenic gold nanoparticles from <i>Sesbania grandiflora</i> L. <b>2014</b> , 45, 2280-2285	82
927	Roles of Biomolecules in the Biosynthesis of Silver Nanoparticles: Case of <i>Gardenia jasminoides</i> Extract. <b>2014</b> , 22, 706-712	20
926	Biogenic copper oxide nanoparticles synthesis using <i>Tabernaemontana divaricate</i> leaf extract and its antibacterial activity against urinary tract pathogen. <b>2014</b> , 133, 178-81	136
925	Plant-Mediated Synthesis of AgPd Alloy Nanoparticles and Their Application as Catalyst toward Selective Hydrogenation. <b>2014</b> , 2, 1212-1218	60
924	Silver nanoparticles: green route of synthesis and antimicrobial profile. <b>2015</b> , 8, 30	5
923	Biosynthesis of Size-Controlled Metal and Metal Oxide Nanoparticles by Bacteria. <b>2015</b> , 123-140	
922	Methods of Nanoparticle Biosynthesis for Medical and Commercial Applications. <b>2015</b> , 141-154	3
921	Invertase-nanogold clusters decorated plant membranes for fluorescence-based sucrose sensor. <b>2015</b> , 13, 30	23
920	Structural Studies of Silver Nanoparticles Obtained Through Single-Step Green Synthesis. <b>2015</b> , 92, 012004	4
919	. <b>2015</b> ,	21
918	Novel Trend in Colon Cancer Therapy Using Silver Nanoparticles Synthesized by Honey Bee. <b>2015</b> , 06,	7
917	Green Synthesis of Metallic Nanoparticles via Biological Entities. <b>2015</b> , 8, 7278-7308	597
916	Optimization of Parameters for Biosynthesis of Silver Nanoparticles Using Leaf Extract of <i>Aegle marmelos</i> . <b>2015</b> , 58, 702-710	22
915	Biosynthesis of silver nanoparticles by plants crude extracts and their characterization using UV, XRD, TEM and EDX. <b>2015</b> , 14, 2554-2567	14

914	Reduction of Silver Ions by Cell Free Extracts of <i>Westiellopsis</i> sp. <b>2015</b> , 2015, 539494	8
913	A Review on the Green Synthesis of Silver Nanoparticles and Their Morphologies Studied via TEM. <b>2015</b> , 2015, 1-9	151
912	Phytofabrication of Bioactive Molecules Encapsulated Metallic Silver Nanoparticles from <i>Cucumis sativus</i> L. and Its Enhanced Wound Healing Potential in Rat Model. <b>2015</b> , 2015, 1-9	11
911	Biosynthesis of Silver Nanoparticles and Its Applications. <b>2015</b> , 2015, 1-18	109
910	Green Synthesis of Silver Nanoparticles Using Leaf Extracts of <i>Clitoria ternatea</i> and <i>Solanum nigrum</i> and Study of Its Antibacterial Effect against Common Nosocomial Pathogens. <b>2015</b> , 2015, 1-8	82
909	Green Synthesis of Silver Nanoparticles Using <i>Salacia chinensis</i> : Characterization and its Antibacterial Activity. <b>2015</b> , 33, 445-455	24
908	Diastase assisted green synthesis of size-controllable gold nanoparticles. <b>2015</b> , 5, 26727-26733	99
907	Enhancement of antibacterial properties of silver nanoparticles-ceftriaxone conjugate through <i>Mukia maderaspatana</i> leaf extract mediated synthesis. <b>2015</b> , 121, 135-41	70
906	Synthesis of silver nanoparticles by <i>Phoma gardeniae</i> and in vitro evaluation of their efficacy against human disease-causing bacteria and fungi. <b>2015</b> , 9, 71-5	40
905	Structural, spectral and electrical properties of green synthesized ZnS nanoparticles using <i>Elaeocarpus floribundus</i> leaf extract. <b>2015</b> , 26, 5783-5791	12
904	Biosynthesis of Silver Nanoparticles Using Plant Extract and its Anti-Plasmodial Property. <b>2015</b> , 1086, 11-30	9
903	Biomedical potential of actinobacterially synthesized selenium nanoparticles with special reference to anti-biofilm, anti-oxidant, wound healing, cytotoxic and anti-viral activities. <b>2015</b> , 32, 30-9	144
902	Scolicidal activity of biosynthesized silver nanoparticles against <i>Echinococcus granulosus</i> protoscolices. <b>2015</b> , 19, 128-33	58
901	Green synthesis of nanoparticles: current prospectus. <b>2015</b> , 4,	15
900	Biosynthesis, characterisation and antimicrobial activity of silver nanoparticles using <i>Hibiscus rosa-sinensis</i> petals extracts. <b>2015</b> , 9, 288-93	20
899	Green Nanomaterials. <b>2015</b> , 593-612	1
898	Investigation of a Hot-Spring Extremophilic <i>Ureibacillus thermosphaericus</i> Strain Thermo-BF for Extracellular Biosynthesis of Functionalized Gold Nanoparticles. <b>2015</b> , 5, 233-241	9
897	Biosynthesis of Gold Nanoparticles from <i>Nauclea latifolia</i> Leaves. <b>2015</b> , 1132, 36-50	5

- 896 Antibacterial mechanism of biogenic silver nanoparticles of *Lactobacillus acidophilus*. **2015**, 10, 1143-1152 38
- 895 Green synthesis and characterization of silver nanoparticles using banana peel extract and their antimicrobial activity against representative microorganismsPeer review under responsibility of The Egyptian Society of Radiation Sciences and Applications.View all notes. **2015**, 8, 265-275 447
- 894 Antibacterial Activity of Green Synthesized Silver Nanoparticles Using Vasaka (*Justicia adhatoda* L.) Leaf Extract. **2015**, 55, 163-7 47
- 893 Synthesis and characterization of silver nanoparticles using *Gmelina asiatica* leaf extract against filariasis, dengue, and malaria vector mosquitoes. **2015**, 114, 1817-27 71
- 892 Efficient Ag/CeO<sub>2</sub> catalysts for CO oxidation prepared with microwave-assisted biosynthesis. **2015**, 269, 105-112 37
- 891 Biosynthesis of silver fine particles and particles decorated with nanoparticles using the extract of *Illicium verum* (star anise) seeds. **2015**, 141, 43-50 37
- 890 Green biochemistry approach for synthesis of silver and gold nanoparticles using *Ficus racemosa* latex and their pH-dependent binding study with different amino acids using UV/Vis absorption spectroscopy. **2015**, 47, 757-65 19
- 889 A novel biomass assisted synthesis of AuBrTiO<sub>3</sub> as a catalyst for direct hydrogen generation from formaldehyde aqueous solution at low temperature. **2015**, 40, 1752-1759 25
- 888 Mosquito larvicidal potential of silver nanoparticles synthesized using *Chomelia asiatica* (Rubiaceae) against *Anopheles stephensi*, *Aedes aegypti*, and *Culex quinquefasciatus* (Diptera: Culicidae). **2015**, 114, 989-99 70
- 887 *Catharanthus roseus* leaf extract-synthesized chitosan nanoparticles for controlled in vitro release of chloramphenicol and ketoconazole. **2015**, 293, 1465-1473 22
- 886 Biosynthesis of highly monodispersed, spherical gold nanoparticles of size 4-10 nm from spent cultures of *Klebsiella pneumoniae*. **2015**, 5, 671-676 15
- 885 Biosynthesized silver nanoparticles using floral extract of *Chrysanthemum indicum* L.--potential for malaria vector control. **2015**, 22, 9759-65 49
- 884 Bio-inspired synthesis of metal nanomaterials and applications. **2015**, 44, 6330-74 317
- 883 *Cinnamomum tamala* leaf extract-mediated green synthesis of Ag nanoparticles and their use in pyranopyrazles synthesis. **2015**, 36, 1042-1046 17
- 882 Comparative Study of Antioxidant and Catalytic Activity of Silver and Gold Nanoparticles Synthesized From *Costus pictus* Leaf Extract. **2015**, 31, 986-994 55
- 881 Catalytic thermal decomposition of ammonium perchlorate and combustion of composite solid propellants over green synthesized CuO nanoparticles. **2015**, 614, 110-115 45
- 880 An efficient photo catalytic activity of green synthesized silver nanoparticles using *Salvadora persica* stem extract. **2015**, 150, 316-324 94
- 879 Characterization and biotoxicity of *Hypnea musciformis*-synthesized silver nanoparticles as potential eco-friendly control tool against *Aedes aegypti* and *Plutella xylostella*. **2015**, 121, 31-8 133

878	Antimicrobial efficacy of green synthesized drug blended silver nanoparticles against dental caries and periodontal disease causing microorganisms. <b>2015</b> , 56, 374-9	82
877	Anisochilus carnosus leaf extract mediated synthesis of zinc oxide nanoparticles for antibacterial and photocatalytic activities. <b>2015</b> , 39, 621-628	103
876	Synthesis of diallyl disulfide (DADS) induced gold nanoparticles: characterization and study of its biological activity in human leukemic cell-lines. <b>2015</b> , 5, 18429-18437	9
875	Homogeneous catalytic activity of gold nanoparticles synthesized using turnip ( <i>Brassica rapa</i> L.) leaf extract in the reductive degradation of cationic azo dye. <b>2015</b> , 32, 1273-1277	31
874	Zizyphus mauritiana extract-mediated green and rapid synthesis of gold nanoparticles and its antibacterial activity. <b>2015</b> , 5, 265-273	32
873	Facile route to the synthesis and characterization of novel core-shell and Ag/Ru allied nanoparticles. <b>2015</b> , 71, 70-78	5
872	Fabrication of silver nanoparticles from leaf extract of <i>Butea monosperma</i> (Flame of Forest) and their inhibitory effect on bloom-forming cyanobacteria. <b>2015</b> , 2,	15
871	Rapid green synthesis of silver nanoparticles and nanorods using <i>Piper nigrum</i> extract. <b>2015</b> , 637, 119-126	68
870	Palladium nanoparticles embedded on thiourea-modified chitosan: a green and sustainable heterogeneous catalyst for the Suzuki reaction in water. <b>2015</b> , 5, 27533-27539	38
869	Catalytic and biological activities of green silver nanoparticles synthesized from <i>Plumeria alba</i> (frangipani) flower extract. <b>2015</b> , 51, 216-25	73
868	ZnO Superstructures as an Antifungal for Effective Control of <i>Malassezia furfur</i> , Dermatologically Prevalent Yeast: Prepared by Aloe Vera Assisted Combustion Method. <b>2015</b> , 3, 1066-1080	21
867	Diversity of Microbes in Synthesis of Metal Nanoparticles. <b>2015</b> , 1-30	2
866	Green Synthesis of Metal Nanoparticles by Plants: Current Trends and Challenges. <b>2015</b> , 259-275	17
865	Green synthesis of gold nanoparticles using <i>Stevia rebaudiana</i> leaf extracts: Characterization and their stability. <b>2015</b> , 148, 101-106	82
864	Antimicrobial and antibiofilm effects of selenium nanoparticles on some foodborne pathogens. <b>2015</b> , 63, 1001-1007	104
863	A green method for the preparation of fluorescent hybrid structures of gold and corrole. <b>2015</b> , 17, 1	2
862	Studies on catalytic, antioxidant, antibacterial and anticancer activities of biogenic gold nanoparticles. <b>2015</b> , 212, 331-339	84
861	Structural characterization, antioxidant and in vitro cytotoxic properties of seagrass, <i>Cymodocea serrulata</i> (R.Br.) Asch. & Magnus mediated silver nanoparticles. <b>2015</b> , 153, 145-52	38

860	Template-free biosynthesis of flowerlike CuO microstructures using <i>Cinnamomum camphora</i> leaf extract at room temperature. <b>2015</b> , 161, 387-390	6
859	Optimization of evaporative extraction of natural emulsifier cum surfactant from <i>Sapindus mukorossi</i> Characterization and cost analysis. <b>2015</b> , 77, 920-931	29
858	Determination of melamine and malachite green by surface-enhanced Raman scattering spectroscopy using starch-coated silver nanoparticles as substrates. <b>2015</b> , 7, 8116-8122	23
857	Synthesis and characterization of silver nanoparticles from <i>Alpinia calcarata</i> by Green approach and its applications in bactericidal and nonlinear optics. <b>2015</b> , 357, 1801-1808	54
856	<i>Fraxinus paxiana</i> bark mediated photosynthesis of silver nanoparticles and their size modulation using swift heavy ion irradiation. <b>2015</b> , 117, 184-190	5
855	Green synthesis of bacterial mediated anti-proliferative gold nanoparticles: inducing mitotic arrest (G2/M phase) and apoptosis (intrinsic pathway). <b>2015</b> , 7, 18738-50	39
854	Green synthesis of silver nanoparticles from <i>Cassia roxburghii</i> -a most potent power for mosquito control. <b>2015</b> , 114, 4385-95	20
853	<i>Rauvolfia serpentina</i> -Mediated Green Synthesis of CuO Nanoparticles and Its Multidisciplinary Studies. <b>2015</b> , 28, 1134-1140	23
852	Biomimetic synthesis, characterization and mechanism of formation of stable silver nanoparticles using <i>Averrhoa carambola</i> L. leaf extract. <b>2015</b> , 160, 566-571	42
851	Synthesis of Eu <sup>3+</sup> -activated ZnO superstructures: Photoluminescence, Judd-Ofelt analysis and Sunlight photocatalytic properties. <b>2015</b> , 409, 26-41	36
850	Synthesis of antibacterial and magnetic nanocomposites by decorating graphene oxide surface with metal nanoparticles. <b>2015</b> , 5, 76442-76450	37
849	Biosynthesis of Silver and Gold Nanoparticles Using Huangdan ( <i>Camellia sinensis</i> ) Leaf Extract. <b>2015</b> , 45, 941-946	8
848	k-Carrageenan/poly vinyl pyrrolidone/polyethylene glycol/silver nanoparticles film for biomedical application. <b>2015</b> , 74, 179-84	47
847	Toxicity of fungal-generated silver nanoparticles to soil-inhabiting <i>Pseudomonas putida</i> KT2440, a rhizospheric bacterium responsible for plant protection and bioremediation. <b>2015</b> , 286, 48-54	18
846	Biosynthesis of gold nanoparticles and related cytotoxicity evaluation using A549 cells. <b>2015</b> , 114, 232-40	47
845	A study on the stability and green synthesis of silver nanoparticles using <i>Ziziphora tenuior</i> (Zt) extract at room temperature. <b>2015</b> , 134, 310-5	232
844	Microwave assisted facile green synthesis of silver and gold nanocatalysts using the leaf extract of <i>Aerva lanata</i> . <b>2015</b> , 136 Pt C, 1371-9	102
843	Cytotoxicity and Antimicrobial Studies of Silver Nanoparticles Synthesized Using <i>Psidium guajava</i> L. Extract. <b>2015</b> , 45, 426-432	3

842	Rapid, Green, and Eco-Friendly Biosynthesis of Copper Nanoparticles Using Flower Extract of Aloe Vera. <b>2015</b> , 45, 895-898	43
841	Biosynthesis of gold nanoparticles using plant extracts. <b>2015</b> , 38, 1-14	142
840	Green synthesis of CuO nanoparticles using <i>Gloriosa superba</i> L. extract and their antibacterial activityPeer review under responsibility of Taibah UniversityView all notes. <b>2015</b> , 9, 7-12	260
839	<i>Ralstonia eutropha</i> (Cupriavidus metallidurans) Mediated Biosynthesis of Gold Nanoparticles and Catalytic Treatment of 2, 4 Dichlorophenol. <b>2015</b> , 45, 238-247	5
838	<i>Vernonia cinerea</i> (L.) Less. silver nanocomposite and its antibacterial activity against a cotton pathogen. <b>2015</b> , 41, 5495-5507	18
837	Current methods for synthesis of gold nanoparticles. <b>2016</b> , 44, 596-602	119
836	GREEN SYNTHESIS AND CHARACTERIZATION OF SILVER NANOPARTICLES FROM WITHANIA SOMNIFERA (L.) DUNAL. <b>2016</b> , 9, 34	3
835	<i>Gnidia glauca</i> Leaf and Stem Extract Mediated Synthesis of Gold Nanocatalysts with Free Radical Scavenging Potential. <b>2016</b> , 07,	28
834	Biological synthesis of gold nanocolloids using <i>E. coli</i> extract. <b>2016</b> , 29,	
833	Study of the Performance of the Organic Extracts of <i>Chenopodium ambrosioides</i> for Ag Nanoparticle Synthesis. <b>2016</b> , 2016, 1-13	11
832	<i>Aegle marmelos</i> Mediated Green Synthesis of Different Nanostructured Metal Hexacyanoferrates: Activity against Photodegradation of Harmful Organic Dyes. <b>2016</b> , 2016, 2715026	40
831	Biosynthesis of Iron Nanoparticles Using Tie Guanyin Tea Extract for Degradation of Bromothymol Blue. <b>2016</b> , 2016, 1-8	18
830	Screening Antimicrobial Activity of Nickel Nanoparticles Synthesized Using <i>Ocimum sanctum</i> Leaf Extract. <b>2016</b> , 2016, 1-13	31
829	Biosynthesized Silver Nanoparticles Used in Preservative Solutions for <i>Chrysanthemum</i> cv. Puma. <b>2016</b> , 2016, 1-10	8
828	Antimicrobial Activity and Mechanism of Inhibition of Silver Nanoparticles against Extreme Halophilic Archaea. <b>2016</b> , 7, 1424	33
827	Large Scale Screening of Southern African Plant Extracts for the Green Synthesis of Gold Nanoparticles Using Microtitre-Plate Method. <b>2016</b> , 21,	28
826	Magnetically based nanocarriers in drug delivery. <b>2016</b> , 285-331	8
825	Synthesis, characterization, and applications of nanobiomaterials for antimicrobial therapy. <b>2016</b> , 103-152	10

824	Gloriosa superba Mediated Synthesis of Silver and Gold Nanoparticles for Anticancer Applications. <b>2016</b> , 7,	6
823	Green synthesis of iron oxide (Fe <sub>3</sub> O <sub>4</sub> ) nanoparticles using two selected brown seaweeds: Characterization and application for lead bioremediation. <b>2016</b> , 35, 89-98	94
822	Synthesis of ZnO micro-flowers assisted by a plant-mediated strategy. <b>2016</b> , 91, 1493-1504	12
821	Green Synthesis of Metallic Nanoparticles Using Plant Compounds and Their Applications. 1-34	
820	Biosynthesis and characterization of gold nanoparticles using extracts of tamarindus indica L leaves. <b>2016</b> , 687, 012082	13
819	Synthesis and Toxicity of Silver Nanoparticles. <b>2016</b> , 73-98	3
818	Synthesis and characterization of MAA-based molecularly-imprinted polymer (MIP) with D-glucose template. <b>2016</b> , 739, 012143	9
817	Green synthesis of nanoparticles: Their advantages and disadvantages. <b>2016</b> ,	160
816	Synthesis and characterization of exfoliated graphene oxide. <b>2016</b> ,	3
815	A Novel Tool of Nanotechnology: Nanoparticle Mediated Control of Nematode Infection in Plants. <b>2016</b> , 253-269	2
814	Biosynthesis of Gold Nanoparticles Using Ocimum sanctum Extracts by Solvents with Different Polarity. <b>2016</b> , 4, 2651-2659	65
813	WITHDRAWN: Extracellular green synthesis of multi-applicative silver nanoparticles using Nicotiana tabacum leaf extract. <b>2016</b> ,	
812	Biosynthesis of gold nanoparticles: A green approach. <b>2016</b> , 161, 141-53	201
811	Optimised microwave-assisted biosynthesis of silver nanoparticles from Nothapodytes foetida leaf extracts and its anti-microbial activities. <b>2016</b> , 11, 840-852	1
810	Green Synthesis of Metallic Silver Nanoparticles Using Curculigo orchioides Rhizome Extracts and Evaluation of Its Antibacterial, Larvicidal, and Anticancer Activity. <b>2016</b> , 142,	23
809	Preparations and characterization of alginate/silver composite films: Effect of types of silver particles. <b>2016</b> , 146, 208-16	58
808	ZnO nano-flowers from Carica papaya milk: Degradation of Alizarin Red-S dye and antibacterial activity against Pseudomonas aeruginosa and Staphylococcus aureus. <b>2016</b> , 127, 6498-6512	59
807	Green synthesis and antibacterial effects of aqueous colloidal solutions of silver nanoparticles using camomile terpenoids as a combined reducing and capping agent. <b>2016</b> , 39, 1213-23	55



806	Leaf extract mediated biogenic process for the decoration of graphene with silver nanoparticles. <b>2016</b> , 178, 115-119	13
805	Applications of plant terpenoids in the synthesis of colloidal silver nanoparticles. <b>2016</b> , 234, 132-141	99
804	Synthesis and characterization of Eichhornia-mediated copper oxide nanoparticles and assessing their antifungal activity against plant pathogens. <b>2016</b> , 39, 1165-1170	58
803	Biosynthesis of PVA encapsulated silver nanoparticles. <b>2016</b> , 14, 319-324	25
802	Synthesis of Silver Nanoparticles from Plants and Their Applications. <b>2016</b> , 449-465	1
801	Synthesis of biogenic hematite ( $\alpha\text{-Fe}_2\text{O}_3$ ) nanoparticles for antibacterial and nanofluid applications. <b>2016</b> , 6, 94206-94217	137
800	Extracellular mycosynthesis of silver nanoparticles and their microbicidal activity. <b>2016</b> , 7, 88-92	29
799	Silver Nanoparticles: Newly Emerging Antimicrobials in 21st Century. <b>2016</b> , 103-139	
798	Silver Nanoparticles and Nanocomposites. <b>2016</b> , 7275-7285	
797	Green synthesis of protein capped nano-gold particle: An excellent recyclable nano-catalyst for the reduction of nitro-aromatic pollutants at higher concentration. <b>2016</b> , 222, 549-557	26
796	Green synthesis of gold nanoparticles (Elixir of Life) from banana fruit waste extract: An efficient multifunctional agent. <b>2016</b> , 6, 74620-74629	34
795	Biogenic silver nanoparticles: Synthesis, characterization and its potential against cancer inducing bacteria. <b>2016</b> , 222, 1041-1050	10
794	-mediated synthesis of silver nanoparticles and their impregnation in wrapping paper used for enhancing shelf life of apples. <b>2016</b> , 10, 389-394	20
793	Extract-mediated synthesis of Ag@AgCl nanoparticles using Conium maculatum seeds: characterization, antibacterial activity and cytotoxicity effect against MCF-7 cell line. <b>2016</b> , 6, 73197-73202	22
792	Reductive-degradation of carcinogenic azo dyes using Anacardium occidentale testa derived silver nanoparticles. <b>2016</b> , 162, 604-610	116
791	Differential biological activities of silver nanoparticles against Gram-negative and Gram-positive bacteria. <b>2016</b> , 193-227	6
790	Phytochemically Functionalized Silver and Gold Nanoparticles to Treat Microbes, Viruses and Cancer. <b>2016</b> , 235-252	3
789	Larvicidal activity of green synthesized silver nanoparticles using L. (Euphorbiaceae) leaf extract against. <b>2016</b> , 10, 382-388	10

788	Phytofabrication of silver nanoparticles using <i>Elephantopus scaber</i> and <i>Azadirachta indica</i> leaf extract and its effect on larval and pupal mortality of <i>Culex quinquefasciatus</i> . <b>2016</b> , 6, 979-986	4
787	Synthesis, characterization, biocompatible and anticancer activity of green and chemically synthesized silver nanoparticles - A comparative study. <b>2016</b> , 84, 10-21	86
786	Facile Green Approach to Investigate Morphology Controlled Formation Mechanism of Silver Nanoparticles. <b>2016</b> , 27, 1797-1814	5
785	Bio-fabricated silver nanoparticles preferentially targets Gram positive depending on cell surface charge. <b>2016</b> , 83, 548-558	49
784	Iron Oxide Nanowires from Bacteria Biofilm as an Efficient Visible-Light Magnetic Photocatalyst. <b>2016</b> , 8, 20110-9	27
783	Green-nanochemistry for safe environment: bio-friendly synthesis of fluorescent monometallic (Ag and Au) and bimetallic (Ag/Au alloy) nanoparticles having pesticide sensing activity. <b>2016</b> , 6, 373-395	5
782	Understanding Mechanism of Fungus Mediated Nanosynthesis: A Molecular Approach. <b>2016</b> , 1-23	2
781	Green Synthesis, Characterization and Uses of Palladium/Platinum Nanoparticles. <b>2016</b> , 11, 482	116
780	Green synthesis and physico-chemical study of silver nanoparticles extracted from a natural source <i>Luffa acutangula</i> . <b>2016</b> , 224, 991-998	24
779	Nanonutraceuticals. <b>2016</b> , 317-343	
778	A review on the biosynthesis of metallic nanoparticles (gold and silver) using bio-components of microalgae: Formation mechanism and applications. <b>2016</b> , 95, 28-44	178
777	Instant synthesis of gold nanoparticles at room temperature and SERS applications. <b>2016</b> , 380, 2658-2663	27
776	Metallic Nanoparticles, Toxicity Issues and Applications in Medicine. <b>2016</b> , 41-80	12
775	Biogenic synthesis and spectroscopic characterization of silver nanoparticles using leaf extract of <i>Indoneesiella echioides</i> : in vitro assessment on antioxidant, antimicrobial and cytotoxicity potential. <b>2016</b> , 6, 973-982	26
774	Microwave-assisted synthesis of silver nanoparticles from <i>Origanum majorana</i> and <i>Citrus sinensis</i> leaf and their antibacterial activity: a green chemistry approach. <b>2016</b> , 3,	17
773	Seaweeds: A resource for marine bionanotechnology. <b>2016</b> , 95, 45-57	86
772	Phyto-synthesis of silver nanoparticles from <i>Mussaenda erythrophylla</i> leaf extract and their application in catalytic degradation of methyl orange dye. <b>2016</b> , 221, 1063-1070	84
771	Sunlight-Induced Coloration of Silk. <b>2016</b> , 11, 293	12

770	Single-step biosynthesis and characterization of silver nanoparticles using <i>Zornia diphylla</i> leaves: A potent eco-friendly tool against malaria and arbovirus vectors. <b>2016</b> , 161, 482-9	81
769	Controlled assembly of silver nano-fluid in <i>Heliotropium crispum</i> extract: A potent anti-biofilm and bactericidal formulation. <b>2016</b> , 387, 317-331	23
768	Hydrothermal preparation of reduced graphene oxide-silver nanocomposite using <i>Plectranthus amboinicus</i> leaf extract and its electrochemical performance. <b>2016</b> , 95, 112-117	25
767	Gold (III) bioreduction by cyanobacteria with special reference to in vitro biosafety assay of gold nanoparticles. <b>2016</b> , 28, 3395-3406	21
766	Synthesis of silver nanoparticles using aqueous extracts of <i>Heterotheca inuloides</i> as reducing agent and natural fibers as templates: <i>Agave lechuguilla</i> and silk. <b>2016</b> , 69, 429-36	31
765	Modulation of phytoremediation and plant growth by the treatment with PGPR, Ag nanoparticle and untreated municipal wastewater. <b>2016</b> , 18, 1258-69	69
764	A Green Approach for the Synthesis of Silver Nanoparticles Using Root Extract of <i>Chelidonium majus</i> : Characterization and Antibacterial Evaluation. <b>2016</b> , 27, 421-429	29
763	Propylene epoxidation over biogenic Au/TS-1 catalysts by <i>Cinnamomum camphora</i> extract in the presence of H <sub>2</sub> and O <sub>2</sub> . <b>2016</b> , 366, 292-298	24
762	Green Synthesized Silver Nanoparticles: A Potential New Insecticide for Mosquito Control. <b>2016</b> , 99-153	5
761	Phytosynthesis of Metal and Metal-Oxide Nanoparticles □ Technological Concepts and Their Biomedical Applications. <b>2016</b> , 51-80	1
760	Nanoparticles in the Fight Against Parasites. <b>2016</b> ,	10
759	<i>Sapindus mukorossi</i> mediated green synthesis of some manganese oxide nanoparticles interaction with aromatic amines. <b>2016</b> , 122, 1	49
758	Biological synthesis of Au nanoparticles using liquefied mash of cassava starch and their functionalization for enhanced hydrolysis of xylan by recombinant xylanase. <b>2016</b> , 39, 785-92	4
757	Plant-mediated gold nanoparticles by <i>Dracocephalum kotschyi</i> as anticholinesterase agent: Synthesis, characterization, and evaluation of anticancer and antibacterial activity. <b>2016</b> , 14, 235-245	61
756	Green synthesis of silver nanoparticles with a long lasting stability using colloidal solution of cowpea seeds ( <i>Vigna sp. L.</i> ). <b>2016</b> , 4, 2023-2032	24
755	Understanding the Role of Nanomaterials in Agriculture. <b>2016</b> , 271-288	29
754	Nanoparticles: The Next Generation Technology for Sustainable Agriculture. <b>2016</b> , 289-300	64
753	Microbial Inoculants in Sustainable Agricultural Productivity. <b>2016</b> ,	18

752	Hollow microspheres Mg-doped ZrO <sub>2</sub> nanoparticles: Green assisted synthesis and applications in photocatalysis and photoluminescence. <b>2016</b> , 672, 609-622	74
751	Removal of As(III) and Cr(VI) from aqueous solutions using green zero-valent iron nanoparticles produced by oak, mulberry and cherry leaf extracts. <b>2016</b> , 90, 42-49	89
750	Biogenic synthesis, optimisation and antibacterial efficacy of extracellular silver nanoparticles using novel fungal isolate <i>Aspergillus fumigatus</i> MA. <b>2016</b> , 10, 215-21	18
749	Green synthesis of silver nanoparticles using phlomis leaf extract and investigation of their antibacterial activity. <b>2016</b> , 6, 129-135	79
748	In vivo and in vitro effectiveness of <i>Azadirachta indica</i> -synthesized silver nanocrystals against <i>Plasmodium berghei</i> and <i>Plasmodium falciparum</i> , and their potential against malaria mosquitoes. <b>2016</b> , 106, 14-22	60
747	Multipurpose effectiveness of <i>Couroupita guianensis</i> -synthesized gold nanoparticles: high antiplasmodial potential, field efficacy against malaria vectors and synergy with <i>Aplocheilus lineatus</i> predators. <b>2016</b> , 23, 7543-58	92
746	Green synthesis of nanoparticles and its potential application. <b>2016</b> , 38, 545-60	373
745	Phytoproteins in green leaves as building blocks for photosynthesis of gold nanoparticles: An efficient electrocatalyst towards the oxidation of ascorbic acid and the reduction of hydrogen peroxide. <b>2016</b> , 155, 7-12	16
744	Evaluation of antibacterial activity of plant mediated CaO nanoparticles using <i>Cissus quadrangularis</i> extract. <b>2016</b> , 155, 28-33	29
743	Green-synthesised nanoparticles from <i>Melia azedarach</i> seeds and the cyclopoid crustacean <i>Cyclops vernalis</i> : an eco-friendly route to control the malaria vector <i>Anopheles stephensi</i> ?. <b>2016</b> , 30, 2077-84	14
742	Highly efficient and active silver nanoparticle catalyzed conversion of aldehydes into nitriles: a greener, convenient, and versatile NOSE approach. <b>2016</b> , 57, 549-553	14
741	Evaluation of tetraethoxysilane (TEOS) sol-gel coatings, modified with green synthesized zinc oxide nanoparticles for combating microfouling. <b>2016</b> , 61, 728-35	57
740	Green synthesis of gold nanoparticles and their enhanced synergistic antitumor activity using HepG2 and MCF7 cells and its antibacterial effects. <b>2016</b> , 51, 384-391	83
739	Biosynthesis, characterization, and acute toxicity of <i>Berberis tinctoria</i> -fabricated silver nanoparticles against the Asian tiger mosquito, <i>Aedes albopictus</i> , and the mosquito predators <i>Toxorhynchites splendens</i> and <i>Mesocyclops thermocyclopoides</i> . <b>2016</b> , 115, 751-9	47
738	Carbon and silver nanoparticles in the fight against the filariasis vector <i>Culex quinquefasciatus</i> : genotoxicity and impact on behavioral traits of non-target aquatic organisms. <b>2016</b> , 115, 1071-83	33
737	Extracellular synthesis gold nanotriangles using biomass of <i>Streptomyces microflavus</i> . <b>2016</b> , 10, 33-8	37
736	Green synthesis and characterization of alginate nanoparticles and its role as a biosorbent for Cr(VI) ions. <b>2016</b> , 1105, 54-60	27
735	Biogenic synthesis of zinc oxide nanoparticles using <i>Ruta graveolens</i> (L.) and their antibacterial and antioxidant activities. <b>2016</b> , 6, 703-710	102

734	Antioxidant activity of chemically synthesized AgNPs and biosynthesized <i>Pongamia pinnata</i> leaf extract mediated AgNPs - A comparative study. <b>2016</b> , 134, 308-318	56
733	The Viscosity of Nanofluids: A Review of the Theoretical, Empirical, and Numerical Models. <b>2016</b> , 37, 387-421	139
732	Characterization and in vitro studies on anticancer, antioxidant activity against colon cancer cell line of gold nanoparticles capped with <i>Cassia tora</i> SM leaf extract. <b>2016</b> , 6, 121-129	39
731	Green synthesis of silver nanoparticles: characterization and determination of antibacterial potency. <b>2016</b> , 6, 259-265	80
730	Enhancing antidiabetic and antimicrobial performance of , and (L.) using silver nanoparticles. <b>2017</b> , 24, 1294-1305	60
729	Bio inspired synthesis of monodispersed silver nano particles using <i>Sapindus emarginatus</i> pericarp extract [Study of antibacterial efficacy. <b>2017</b> , 21, 172-179	18
728	Cytotoxic Effect of Palladium Nanoparticles Synthesized From <i>Syzygium aromaticum</i> Aqueous Extracts and Induction of Apoptosis in Cervical Carcinoma. <b>2017</b> , 87, 1101-1112	12
727	<i>Butea monosperma</i> bark extract mediated green synthesis of silver nanoparticles: Characterization and biomedical applications. <b>2017</b> , 21, 673-684	59
726	Synthesis and characterization of silver nanoparticles and their antimicrobial efficacy. <b>2017</b> , 35, 338-345	9
725	Aloe vera vs. poly(ethylene)glycol-based synthesis and relative catalytic activity investigations of ZnO nanorods in thermal decomposition of potassium perchlorate. <b>2017</b> , 35, 361-368	15
724	Green synthesized silver nanoparticles destroy multidrug resistant bacteria via reactive oxygen species mediated membrane damage. <b>2017</b> , 10, 862-876	195
723	Structural characterization and evaluation of mosquito-larvicidal property of silver nanoparticles synthesized from the seaweed, <i>Turbinaria ornata</i> (Turner) J. Agardh 1848. <b>2017</b> , 45, 990-998	36
722	Low-cost and eco-friendly green synthesis of silver nanoparticles using <i>Prunus japonica</i> (Rosaceae) leaf extract and their antibacterial, antioxidant properties. <b>2017</b> , 45, 1-7	63
721	Isolation and identification of toxigenic fungi from infected peanuts and efficacy of silver nanoparticles against them. <b>2017</b> , 71, 143-151	33
720	Synthesis of Palladium Nanoparticle by Bio-reduction Method and Its Effectiveness as Heterogeneous Catalyst Towards Selective Oxidation of Benzyl Alcohols in Aqueous Media. <b>2017</b> , 147, 539-546	18
719	Plant latex capped colloidal silver nanoparticles: A potent anti-biofilm and fungicidal formulation. <b>2017</b> , 230, 705-713	21
718	Plant-based synthesis of silver nanoparticles and their characteristic properties. <b>2017</b> , 6, 20-36	2
717	Biosynthesis of silver nanoparticles from <i>Acacia mearnsii</i> De Wild stem bark and its antinociceptive properties. <b>2017</b> , 10, 59-68	8

716	Gold Nanoparticles from Plant System: Synthesis, Characterization and their Application. <b>2017</b> , 455-479	34
715	Biosynthesis of Metal and Semiconductor Nanoparticles, Scale-Up, and Their Applications. <b>2017</b> , 21-70	4
714	Alchornea laxiflora Bark Extract Assisted Green Synthesis of Platinum Nanoparticles for Oxidative Desulphurization of Model Oil. <b>2017</b> , 28, 1565-1578	12
713	Size-controlled biofabrication of silver nanoparticles using the <i>Merremia emarginata</i> leaf extract: Toxicity on <i>Anopheles stephensi</i> , <i>Aedes aegypti</i> and <i>Culex quinquefasciatus</i> (Diptera: Culicidae) and non-target mosquito predators. <b>2017</b> , 20, 359-366	11
712	Low-dose toxicity of biogenic silver nanoparticles fabricated by <i>Swertia chirata</i> on root tips and flower buds of <i>Allium cepa</i> . <b>2017</b> , 330, 18-28	78
711	Catalytic reduction of 4-nitrophenol and photo inhibition of <i>Pseudomonas aeruginosa</i> using gold nanoparticles as photocatalyst. <b>2017</b> , 170, 181-187	17
710	Spectroscopic interaction study of human serum albumin and human hemoglobin with <i>Mersilea quadrifolia</i> leaves extract mediated silver nanoparticles having antibacterial and anticancer activity. <b>2017</b> , 1141, 584-592	27
709	Plant-Mediated Synthesis of Au Nanoparticles: Separation and Identification of Active Biomolecule in the Water Extract of <i>Cacumen Platycladi</i> . <b>2017</b> , 56, 5262-5270	28
708	Growth inhibition and antibiofilm potential of Ag nanoparticles coated with lectin, an arthropod immune molecule. <b>2017</b> , 170, 208-216	19
707	Size and shape regulated synthesis of silver nanocapsules for highly selective and sensitive ultralow bivalent copper ion sensor application. <b>2017</b> , 41, 4006-4013	8
706	Bactericidal activity of biosynthesized silver nanoparticles against human pathogenic bacteria. <b>2017</b> , 31, 411-417	56
705	Demystifying the morphology and size control on the biosynthesis of gold nanoparticles using <i>Eucalyptus globulus</i> bark extract. <b>2017</b> , 105, 83-92	23
704	Nanotechnology and nanocarrier-based approaches on treatment of degenerative diseases. <b>2017</b> , 7, 91-122	89
703	Green Nanosynthesis and Functionalization of Gold Nanoparticles as PTP 1B Inhibitors. <b>2017</b> , 28, 2269-2277	5
702	Photo-induced and phytomediated synthesis of silver nanoparticles using <i>Derris trifoliata</i> leaf extract and its larvicidal activity against <i>Aedes aegypti</i> . <b>2017</b> , 171, 1-8	19
701	Green Nanotechnology: Biomimetic Synthesis of Metal Nanoparticles Using Plants and Their Application in Agriculture and Forestry. <b>2017</b> , 133-175	6
700	In vitro and in vivo anti-inflammatory properties of green synthesized silver nanoparticles using <i>Viburnum opulus</i> L. fruits extract. <b>2017</b> , 79, 720-727	53
699	Toxicity of Ag Nanoparticles Synthesized Using Stearic Acid from <i>Catharanthus roseus</i> Leaf Extract Against <i>Earias vittella</i> and Mosquito Vectors ( <i>Culex quinquefasciatus</i> and <i>Aedes aegypti</i> ). <b>2017</b> , 28, 2477-2492	15

698	Gum tragacanth stabilized green gold nanoparticles as cargos for Naringin loading: A morphological investigation through AFM. <b>2017</b> , 174, 243-252	44
697	Mechanism of plant-mediated synthesis of silver nanoparticles - A review on biomolecules involved, characterisation and antibacterial activity. <b>2017</b> , 273, 219-227	183
696	Natural Environments for Nanoparticles Synthesis of Metal, Metal Oxides, CoreShell and Bimetallic Systems. <b>2017</b> , 1-67	1
695	A Review of Silver Nanoparticles: Research Trends, Global Consumption, Synthesis, Properties, and Future Challenges. <b>2017</b> , 64, 732-756	179
694	Study of the interaction of human serum albumin with Alstonia scholaris leaf extract-mediated silver nanoparticles having bactericidal property. <b>2017</b> , 60, 59-66	14
693	The impact of anticancer activity upon Beta vulgaris extract mediated biosynthesized silver nanoparticles (ag-NPs) against human breast (MCF-7), lung (A549) and pharynx (Hep-2) cancer cell lines. <b>2017</b> , 173, 99-107	77
692	Green Fabrication of Metal Nanoparticles. <b>2017</b> , 533-554	2
691	Hesperetin conjugated PEGylated gold nanoparticles exploring the potential role in anti-inflammation and anti-proliferation during diethylnitrosamine-induced hepatocarcinogenesis in rats. <b>2017</b> , 12, 442-455	23
690	Properties of gelatin-based films incorporated with chitosan-coated microparticles charged with rutin. <b>2017</b> , 101, 643-652	32
689	Current state and prospects of the phytosynthesized colloidal gold nanoparticles and their applications in cancer theranostics. <b>2017</b> , 101, 3551-3565	85
688	Biosynthesis and characterization of gold nanoparticles: Kinetics, in vitro and in vivo study. <b>2017</b> , 78, 553-564	46
687	Toxicity of herbal extracts used in ethno-veterinary medicine and green-encapsulated ZnO nanoparticles against Aedes aegypti and microbial pathogens. <b>2017</b> , 116, 1637-1651	44
686	Biosynthesized Gold/Activated Carbon Catalyst for Aerobic Glucose Oxidation: Influence of Acid Treatment on Activated Carbon. <b>2017</b> , 35, 681-686	2
685	Silver nanoparticles from leafy green extract of Belgian endive (Cichorium intybus L. var. sativus): Biosynthesis, characterization, and antibacterial activity. <b>2017</b> , 197, 98-101	21
684	Control of dengue and Zika virus vector Aedes aegypti using the predatory copepod Megacyclops formosanus: Synergy with Hedychium coronarium-synthesized silver nanoparticles and related histological changes in targeted mosquitoes. <b>2017</b> , 109, 82-96	46
683	New pesticides: a cutting-edge view of contributions from nanotechnology for the development of sustainable agricultural pest control. <b>2017</b> , 47-79	11
682	Microwave assisted extraction as an efficient approach for biosynthesis of zinc oxide nanoparticles: Synthesis, characterization, and biological properties. <b>2017</b> , 78, 1109-1118	66
681	Green and facile biosynthesis of silver nanocomposites using the aqueous extract of Rubus ellipticus leaves: Toxicity and oviposition deterrent activity against Zika virus, malaria and filariasis mosquito vectors. <b>2017</b> , 20, 157-164	21

680	Preparation and characterization of ZnO/AGE MNPs with aloe gel extract and its application on linen fabric. <b>2017</b> , 108, 1371-1378	4
679	Biogenic silver nanoparticles from <i>Trachyspermum ammi</i> (Ajwain) seeds extract for catalytic reduction of p-nitrophenol to p-aminophenol in excess of NaBH <sub>4</sub> . <b>2017</b> , 230, 74-84	47
678	Green synthesis of silver nanoparticles using aqueous extract of saffron ( <i>Crocus sativus</i> L.) wastages and its antibacterial activity against six bacteria. <b>2017</b> , 7, 227-233	165
677	Synthesis of silver nanoparticles (Ag NPs) for anticancer activities (MCF 7 breast and A549 lung cell lines) of the crude extract of <i>Syzygium aromaticum</i> . <b>2017</b> , 167, 282-289	145
676	A novel strategy for green synthesis of colloidal porphyrins/silver nanocomposites by <i>Sesbania sesban</i> plant and their catalytic application in the clean oxidation of alcohols. <b>2017</b> , 80, 107-113	16
675	Evaluation of phytosynthesised silver nanoparticles from leaf extracts of and and their larvicidal activity against malaria, dengue and filariasis vectors. <b>2017</b> , 2, 15-26	45
674	Antimicrobial Activities of Metallic and Metal Oxide Nanoparticles From Plant Extracts. <b>2017</b> , 83-100	8
673	Green synthesis of ZnCo <sub>2</sub> O <sub>4</sub> nanoparticles by <i>Aloe albiflora</i> extract and its application as catalyst on the thermal decomposition of ammonium perchlorate. <b>2017</b> , 130, 1327-1333	16
672	Direct one-pot synthesis of cinnamaldehyde immobilized on gold nanoparticles and their antibiofilm properties. <b>2017</b> , 160, 639-648	34
671	Biological synthesis of metallic nanoparticles: plants, animals and microbial aspects. <b>2017</b> , 2, 1	198
670	Pulse Q-switched Nd:YAG laser ablation grown cinnamon nanomorphologies: Influence of different liquid medium. <b>2017</b> , 1149, 694-700	10
669	Making good use of the byproducts of cultivation: green synthesis and antibacterial effects of silver nanoparticles using the leaf extract of blueberry. <b>2017</b> , 54, 3569-3576	7
668	A comparative study of the adhesion of biosynthesized gold and conjugated gold/prodigiosin nanoparticles to triple negative breast cancer cells. <b>2017</b> , 28, 143	6
667	Plant-mediated biosynthesis of metallic nanoparticles: A review of literature, factors affecting synthesis, characterization techniques and applications. <b>2017</b> , 5, 4866-4883	169
666	Antibacterial nanocomposite preparation of polypropylene-Silver using Corona discharge. <b>2017</b> , 112, 187-190	13
665	Biomimetically engineered Amphotericin B nano-aggregates circumvent toxicity constraints and treat systemic fungal infection in experimental animals. <b>2017</b> , 7, 11873	27
664	Silver Nanoparticles/Gelatin Composite: A New Class of Antibacterial Material. <b>2017</b> , 2, 7233-7238	3
663	Synthesis of silver nanoparticles (AgNPs) using <i>Ficus retusa</i> leaf extract for potential application as antibacterial and dye decolourising agents. <b>2017</b> , 47, 1520-1529	9



662	Green synthesis of iron hexacyanoferrate nanoparticles: Potential candidate for the degradation of toxic PAHs. <b>2017</b> , 5, 4108-4120	78
661	Biosynthesis of gold nanoparticles using yellow oyster mushroom <i>Pleurotus cornucopiae</i> var. <i>citrinopileatus</i> . <b>2017</b> , 8, 157-162	14
660	Characterization and Quantification of Biosynthesized Gold Nanoparticles Using <i>Chenopodium aristatum</i> L. Stem Extract. <b>2017</b> , 28, 2953-2967	8
659	One pot phytosynthesis of gold nanoparticles using aqueous extract of elephant apple- an eco-friendly approach. <b>2017</b> , 17, 285-289	2
658	Photo catalytic applications of gold nanoparticles synthesized by green route and electrochemical degradation of phenolic Azo dyes using AuNPs/GC as modified paste electrode. <b>2017</b> , 725, 869-876	70
657	Green synthesis of silver nanoparticles using <i>Lippia nodiflora</i> aerial extract and evaluation of their antioxidant, antibacterial and cytotoxic effects. <b>2017</b> , 3, 506-515	69
656	A review of the green syntheses and anti-microbial applications of gold nanoparticles. <b>2017</b> , 10, 216-227	65
655	Fungal Nanotechnology and Biomedicine. <b>2017</b> , 207-233	1
654	Biomimetic synthesis of silver nanoparticles and evaluation of their catalytic activity towards degradation of methyl orange. <b>2017</b> , 4, 115034	1
653	Activation of peroxodisulfate and peroxomonosulfate by green synthesized copper nanoparticles for Methyl Orange degradation: A kinetic study. <b>2017</b> , 5, 5793-5800	17
652	Biopolymer zein-coated gold nanoparticles: Synthesis, antibacterial potential, toxicity and histopathological effects against the Zika virus vector <i>Aedes aegypti</i> . <b>2017</b> , 173, 404-411	61
651	One Pot Green Synthesis of Colloidal Silver Nanocrystals Using the <i>Ventilago maderaspatana</i> Leaf Extract: Acute Toxicity on Malaria, Zika Virus and Filariasis Mosquito Vectors. <b>2017</b> , 28, 369-392	10
650	Imposed Environmental Stresses Facilitate Cell-Free Nanoparticle Formation by <i>Deinococcus radiodurans</i> . <b>2017</b> , 83,	13
649	Green Synthesis of Gold Nanoparticles Using Aqueous Extracts of <i>Ziziphus jujuba</i> and Gum arabic. <b>2017</b> , 28, 2765-2777	7
648	Green production of microalgae-based silver chloride nanoparticles with antimicrobial activity against pathogenic bacteria. <b>2017</b> , 97, 114-121	68
647	Biosynthesis of silver nanoparticles using pre-hydrolysis liquor of <i>Eucalyptus</i> wood and its effective antimicrobial activity. <b>2017</b> , 97, 55-62	26
646	Biogenic synthesized silver colloid for colorimetric sensing of dichromate ion and antidiabetic studies. <b>2017</b> , 43, 2693-2706	6
645	Bio-mediated silver nanoparticle synthesis: mechanism and microbial inactivation. <b>2017</b> , 99, 434-447	12

644	Biosynthesis of palladium nanoparticles using leaf extract and its application in Suzuki coupling reaction. <b>2017</b> , 11, 310-316	6
643	Plants used in folkloric medicine of Iran are exquisite bio-resources in production of silver nanoparticles. <b>2017</b> , 11, 300-309	5
642	Biosynthesis, characterization, and antimicrobial effect of silver nanoparticles obtained using <i>Lavandula</i> Intermedia. <b>2017</b> , 43, 1383-1394	20
641	Single-step biological fabrication of colloidal silver nanoparticles using <i>Hugonia mystax</i> : larvicidal potential against Zika virus, dengue, and malaria vector mosquitoes. <b>2017</b> , 45, 1317-1325	20
640	Synthesis and characterisation of neem leaf extract, 2, 3-dehydrosalanol and quercetin dihydrate mediated silver nano particles for therapeutic applications. <b>2017</b> , 11, 383-389	4
639	from Red Sea for lipase production and modulation of silver nanomaterials for anti-candidal activities. <b>2017</b> , 11, 403-410	17
638	<i>Albizia amara</i> Roxb. Mediated Gold Nanoparticles and Evaluation of Their Antioxidant, Antibacterial and Cytotoxic Properties. <b>2017</b> , 28, 259-275	16
637	Synthesis and characterization of <i>Azadirachta indica</i> constructed silver nanoparticles and their immunomodulatory activity in fish. <b>2017</b> , 48, 3742-3754	14
636	Recent advances in plant-mediated engineered gold nanoparticles and their application in biological system. <b>2017</b> , 40, 10-23	125
635	Microwave-assisted biosynthesis of zinc nanoparticles and their cytotoxic and antioxidant activity. <b>2017</b> , 39, 116-123	33
634	Photocatalytic reduction of organic pollutant under visible light by green route synthesized gold nanoparticles. <b>2017</b> , 55, 236-246	65
633	Fungal Nanotechnology. <b>2017</b> ,	17
632	Colorimetric Detection of Mercury(II) Ion in Aqueous Solution Using Silver Nanoparticles. <b>2017</b> , 33, 831-837	74
631	Phytofabrication, characterisation and antimicrobial studies of gold nanoparticles using <i>Cannabis sativa</i> (Bhang), leaf extract. <b>2017</b> , 9, 143	1
630	Phyto-assisted synthesis of bio-functionalised silver nanoparticles and their potential anti-oxidant, anti-microbial and wound healing activities. <b>2017</b> , 11, 1027-1034	16
629	Methanobactin-mediated synthesis of bimetallic Au-Pd/AlO toward an efficient catalyst for glucose oxidation. <b>2017</b> , 11, 512-516	3
628	Production of High-Value Nanoparticles via Biogenic Processes Using Aquacultural and Horticultural Food Waste. <b>2017</b> , 10,	43
627	Nano-Doped Monolithic Materials for Molecular Separation. <b>2017</b> , 4, 2	13

626	Green Synthesis and Characterization of Silver Nanoparticles Using Fruit Rind Extract. <b>2017</b> , 2017, 8108504	69
625	Synthesis of Copper-Chitosan Nanocomposites and its Application in Treatment of Local Pathogenic Isolates Bacteria. <b>2017</b> , 33, 2959-2969	20
624	Aqueous Extract of <i>Saraca indica</i> Leaves in the Synthesis of Copper Oxide Nanoparticles: Finding a Way towards Going Green. <b>2017</b> , 2017, 1-6	24
623	Green Synthesis of Metallic and Carbon Nanostructures. <b>2017</b> ,	1
622	Mycofabricated Silver Nanoparticles: An Overview of Biological Organisms Responsible for its Synthesis. <b>2017</b> , 03,	1
621	Environment-Friendly Approach in the Synthesis of Metal/ Polymeric Nanocomposite Particles and Their Catalytic Activities on the Reduction of p-Nitrophenol to p-Aminophenol. <b>2017</b> ,	1
620	BIOMIMETIC SYNTHESIS, CHARACTERIZATION AND EVALUATION OF ANTIOXIDANT, ANTIMICROBIAL EFFICACY OF SILVER NANOPARTICLES USING <i>ANDREDERA CORDIFOLIA</i> LEAF EXTRACT. <b>2017</b> , 10, 329	1
619	Green synthesized multifunctional Ag@Fe <sub>2</sub> O <sub>3</sub> nanocomposites for effective antibacterial, antifungal and anticancer properties. <b>2017</b> , 41, 9513-9520	26
618	Exploitation of de-oiled jatropha waste for gold nanoparticles synthesis: A green approach. <b>2018</b> , 11, 247-255	42
617	Organic and inorganic nano-FeO: <i>Alga Ulva flexuosa</i> -based synthesis, antimicrobial effects and acute toxicity to briny water rotifer <i>Brachionus rotundiformis</i> . <b>2018</b> , 237, 50-64	35
616	Pharmacological Applications of Metabolites of Mangrove Endophytes: A Review. <b>2018</b> , 331-360	
615	<i>Dodonaea viscosa</i> Leaf Extract Assisted Synthesis of Gold Nanoparticles: Characterization and Cytotoxicity Against A549 NSCLC Cancer Cells. <b>2018</b> , 28, 932-941	9
614	Evaluation of cell toxicity and DNA and protein binding of green synthesized silver nanoparticles. <b>2018</b> , 101, 137-144	26
613	Biosynthesized Au/TiO <sub>2</sub> @SBA-15 catalysts for selective oxidation of cyclohexane with O <sub>2</sub> . <b>2018</b> , 35, 853-858	4
612	<i>Brassica rapa</i> var. <i>japonica</i> Leaf Extract Mediated Green Synthesis of Crystalline Silver Nanoparticles and Evaluation of Their Stability, Cytotoxicity and Antibacterial Activity. <b>2018</b> , 28, 1483-1493	22
611	Gold nanoparticles fabrication by plant extracts: synthesis, characterization, degradation of 4-nitrophenol from industrial wastewater, and insecticidal activity [A review]. <b>2018</b> , 184, 740-753	72
610	Synthesis of chitosan mediated silver nanoparticles (Ag NPs) for potential antimicrobial applications. <b>2018</b> , 2, 30-35	135
609	Controlling the Absorption of Gold Nanoparticles via Green Synthesis Using <i>Sargassum crassifolium</i> Extract. <b>2018</b> , 765, 44-48	7

608	Antimicrobial and anticancer activities of silver nanoparticles synthesized from the root hair extract of <i>Phoenix dactylifera</i> . <b>2018</b> , 89, 429-443	167
607	Green synthesis and characterization of copper nanoparticles using <i>Azadirachta indica</i> leaves. <b>2018</b> , 213, 44-51	100
606	Characterization, antioxidant and antimicrobial activities of green synthesized silver nanoparticles from <i>Psidium guajava</i> L. leaf aqueous extracts. <b>2018</b> , 86, 1-8	58
605	Biological entities as chemical reactors for synthesis of nanomaterials: Progress, challenges and future perspective. <b>2018</b> , 8, 13-28	73
604	Gold rush in modern science: Fabrication strategies and typical advanced applications of gold nanoparticles in sensing. <b>2018</b> , 359, 1-31	199
603	Green synthesis of copper nanoparticles by fruit extract of <i>Ziziphus spina-christi</i> (L.) Willd.: Application for adsorption of triphenylmethane dye and antibacterial assay. <b>2018</b> , 255, 541-549	95
602	Biofilm reduction, cell proliferation, anthelmintic and cytotoxicity effect of green synthesised silver nanoparticle using <i>Artemisia vulgaris</i> extract. <b>2018</b> , 12, 71-77	5
601	Green synthesis of silver nanoparticles using <i>Artemisia turcomanica</i> leaf extract and the study of anti-cancer effect and apoptosis induction on gastric cancer cell line (AGS). <b>2018</b> , 46, 499-510	77
600	Green synthesis of silver nanoparticles using <i>Holarrhena antidysenterica</i> (L.) Wall.bark extract and their larvicidal activity against dengue and filariasis vectors. <b>2018</b> , 117, 377-389	53
599	Waste upcycling of <i>Citrus sinensis</i> peels as a green route for the synthesis of silver nanoparticles. <b>2018</b> , 40, 227-236	30
598	Growth and characterization of spherical cinnamon nanoparticles: Evaluation of antibacterial efficacy. <b>2018</b> , 90, 346-353	17
597	Antioxidant and Catalytic Activity of Biosynthesized CuO Nanoparticles Using Extract of <i>Galeopsisidis herba</i> . <b>2018</b> , 28, 812-819	36
596	Nano-Food Toxicity and Regulations. <b>2018</b> , 151-179	4
595	Biosynthesis of silver nanoparticles using leaf extract of <i>Satureja hortensis</i> treated with NaCl and its antibacterial properties. <b>2018</b> , 264, 240-247	29
594	Synthesis of gold nanoparticles by cotton peels aqueous extract and their catalytic efficiency for the degradation of dyes and antioxidant activity. <b>2018</b> , 12, 156-165	3
593	Oxidative degradation of Orange G by peroxomonosulfate in presence of biosynthesized copper nanoparticles—A kinetic study. <b>2018</b> , 10, 281-289	11
592	Biomimetic synthesis of platinum nanoparticles utilizing a terrestrial weed <i>Antigonon leptopus</i> . <b>2018</b> , 36, 681-688	21
591	Biophysical characterization of <i>Acacia caesia</i> -fabricated silver nanoparticles: effectiveness on mosquito vectors of public health relevance and impact on non-target aquatic biocontrol agents. <b>2018</b> , 25, 10228-10242	29

590	Green approach for synthesis of gold nanoparticles from <i>Nigella arvensis</i> leaf extract and evaluation of their antibacterial, antioxidant, cytotoxicity and catalytic activities. <b>2018</b> , 46, 579-588	55
589	Green synthesis, characterization and catalytic degradation studies of gold nanoparticles against congo red and methyl orange. <b>2018</b> , 178, 33-39	146
588	Facile synthesis of silver nanoparticles using harmala alkaloids and their insecticidal and growth inhibitory activities against the khapra beetle. <b>2018</b> , 91, 727-737	15
587	Gold nanoparticles - against parasites and insect vectors. <b>2018</b> , 178, 73-80	85
586	Green and facile fabrication of AgNPs@silks for colorful and multifunctional textiles using baicalin as a natural reductant. <b>2018</b> , 170, 940-949	22
585	Copper nanoparticles as an alternative feed additive in poultry diet: a review. <b>2018</b> , 7, 69-93	42
584	Metal-plant frameworks in nanotechnology: An overview. <b>2018</b> , 50, 148-156	17
583	Detoxification of toxic dyes using biosynthesized iron nanoparticles by photo-Fenton processes. <b>2018</b> , 15, 1649-1656	21
582	Cytotoxicity assay of biosynthesis gold nanoparticles mediated by walnut ( <i>Juglans regia</i> ) green husk extract. <b>2018</b> , 1151, 97-105	27
581	Chemical Composition and In vitro Anthelmintic Activity of Extracts of <i>Tagetes patula</i> Against a Multidrug-Resistant Isolate of <i>Haemonchus contortus</i> . <b>2018</b> , 15, e1700507	8
580	Nanotitania crystals induced efficient photocatalytic color degradation, antimicrobial and larvicidal activity. <b>2018</b> , 178, 496-504	19
579	Green synthesis and characterisation of antioxidant-tagged gold nanoparticle (X-GNP) and studies on its potent antimicrobial activity. <b>2018</b> , 13, 50-61	12
578	<i>Nigella arvensis</i> leaf extract mediated green synthesis of silver nanoparticles: Their characteristic properties and biological efficacy. <b>2018</b> , 29, 202-210	44
577	Synthesis, characterization and efficacy of silver nanoparticles against <i>Aedes albopictus</i> larvae and pupae. <b>2018</b> , 144, 49-56	24
576	Biogenic synthesis of gold nanoparticles from <i>Terminalia arjuna</i> bark extract: assessment of safety aspects and neuroprotective potential via antioxidant, anticholinesterase, and anti-amyloidogenic effects. <b>2018</b> , 25, 10418-10433	66
575	Plants extract mediated synthesis of copper (II) oxide nanoparticles using <i>Oldenlandia corymbosa</i> L. leaf. <b>2018</b> ,	12
574	Green Synthesis, Characterization and Antimicrobial Activity of Silver Nanoparticles Produced from <i>Fumaria officinalis</i> L. Plant Extract. <b>2018</b> , 80, 803-813	9
573	Preparation gold nanoparticles using herb leaf extract for electro-oxidation determination of ascorbic acid. <b>2018</b> , 48, 449-453	5

572	Nanotechnological approaches for the development of herbal drugs in treatment of diabetes mellitus - a critical review. <b>2018</b> , 12, 549-556	5
571	Mechanism of action of bio-inspired nanosilver particles. <b>2018</b> , 7, 174-186	3
570	Green synthesis of bio-molecule encapsulated magnetic silver nanoparticles and their antibacterial activity.. <b>2018</b> , 8, 37176-37183	16
569	Synthesis, characterization and antibacterial activity of silver nanoparticles using. <b>2018</b> , 6, e6086	21
568	Photocatalytic Studies of MgO Nano Powder; Synthesized by Green Mediated Route. <b>2018</b> , 5, 22221-22228	13
567	Green Mediated Synthesis of MgO Nano-Flakes and Its Electro-Chemical Applications. <b>2018</b> , 5, 22275-22282	6
566	Silver and zinc oxide nanoparticles induce developmental and physiological changes in the larval and pupal stages of <i>Spodoptera littoralis</i> (Lepidoptera: Noctuidae). <b>2018</b> , 21, 1373-1378	17
565	Controlling the Surface Plasmon Absorption of Silver Nanoparticles via Green Synthesis Using <i>Pennisetum purpureum</i> Leaf Extract. <b>2018</b> , 772, 73-77	
564	Biogenic synthesis of biopolymer-based Ag-Au bimetallic nanoparticle constructs and their anti-proliferative assessment. <b>2018</b> , 12, 1047-1055	7
563	Role of PGPR in the Phytoremediation of Heavy Metals and Crop Growth Under Municipal Wastewater Irrigation. <b>2018</b> , 135-149	6
562	Fabrication of Xanthan stabilized green gold nanoparticles based tolbutamide delivery system for enhanced insulin secretion in mice pancreatic islets. <b>2018</b> , 55, 729-735	4
561	Green synthesis of g-C <sub>3</sub> N <sub>4</sub> -Pt catalyst and application to photocatalytic hydrogen evolution from water splitting. <b>2018</b> , 26, 688-695	10
560	Biogenic pentagonal silver nanoparticles for safer and more effective antibacterial therapeutics. <b>2018</b> , 13, 7789-7799	6
559	Evaluation of 'green' synthesis and biological activity of gold nanoparticles using leaf extract as an antibacterial agent. <b>2018</b> , 12, 1118-1124	4
558	CARICA PAPAYA MEDIATED GREEN SYNTHESIZED SILVER NANOPARTICLES. <b>2018</b> , 10, 15	2
557	NaOH/urea solution spinning of cellulose hybrid fibers embedded with Ag nanoparticles: influence of stretching on structure and properties. <b>2018</b> , 25, 7211-7224	6
556	Optimisation of green synthesis of MnO nanoparticles via utilising response surface methodology. <b>2018</b> , 12, 822-827	31
555	Green Synthesis of Metallic Nanoparticles Using Biopolymers and Plant Extracts. <b>2018</b> , 293-319	7

554	Current Advances in Biosynthesis of Silver Nanoparticles and Their Applications. <b>2018</b> , 165-198	4
553	Biological and Biomedical Applications of Eco-Friendly Synthesized Gold Nanoparticles. <b>2018</b> , 217-244	
552	Synthesis of Bimetallic Gold-Silver (Au-Ag) Nanoparticles for the Catalytic Reduction of 4-Nitrophenol to 4-Aminophenol. <b>2018</b> , 8, 412	37
551	Green synthesis of silver nanoparticles toward bio and medical applications: review study. <b>2018</b> , 46, S855-S872	78
550	Hidden Treasures for Nanomaterials Synthesis!. <b>2018</b> , 171-198	
549	'Green' synthesis of metals and their oxide nanoparticles: applications for environmental remediation. <b>2018</b> , 16, 84	729
548	Silver Nanoparticle Synthesis and Characterization from leaf Extract of Psoralea Corylifolia (Babchi). <b>2018</b> , 34, 2673-2676	2
547	Mechanistic Plethora of Biogenetic Nanosynthesis: An Evaluation. <b>2018</b> , 1-24	
546	A Facile plant mediated synthesis of silver nanoparticles using an aqueous leaf extract of Ficus hispida Linn. f. for catalytic, antioxidant and antibacterial applications. <b>2018</b> , 26, 25-34	21
545	Biological synthesis and characterisation of silver nanoparticles using H10 for pharmaceutical activity. <b>2018</b> , 12, 828-835	1
544	Biogenesis of copper oxide nanoparticles (CuONPs) using Sida acuta and their incorporation over cotton fabrics to prevent the pathogenicity of Gram negative and Gram positive bacteria. <b>2018</b> , 188, 126-134	132
543	On the Ability of Low Molecular Weight Chitosan Enzymatically Depolymerized to Produce and Stabilize Silver Nanoparticles. <b>2018</b> , 3,	6
542	Silver nanoparticles synthesized from Bacillus subtilis for detection of deterioration in the post-harvest spoilage of fruit. <b>2018</b> , 10, 33-40	12
541	Silver/silver chloride nanoparticles inhibit the proliferation of human glioblastoma cells. <b>2018</b> , 70, 1607-1618	14
540	Novel Method for the Identification of the Variety of Grape Using Their Capability to Form Gold Nanoparticles. <b>2018</b> , 4, 26	0
539	Green synthesized silver nanoparticles: Catalytic dye degradation, in vitro anticancer activity and in vivo toxicity in rats. <b>2018</b> , 91, 372-381	60
538	Green synthesis of silver nanoparticles with the Aerial part of extract by antimicrobial analysis. <b>2018</b> , 12, 491-495	11
537	Current Trends in Pteridophyte Extracts: From Plant to Nanoparticles. <b>2018</b> , 329-357	5

536	Environmentally Sustainable Fabrication of Ag@g-C3N4 Nanostructures and Their Multifunctional Efficacy as Antibacterial Agents and Photocatalysts. <b>2018</b> , 1, 2912-2922	95
535	Interaction of Nanoparticles With Biomolecules, Protein, Enzymes, and Its Applications. <b>2018</b> , 253-276	6
534	Tools and techniques for the optimized synthesis, reproducibility and scale up of desired nanoparticles from plant derived material and their role in pharmaceutical properties. <b>2018</b> , 85-131	2
533	Antibacterial activity and catalytic activity of biosynthesised silver nanoparticles by flavonoids from petals of <i>Lilium casa blanca</i> . <b>2018</b> , 13, 824-828	7
532	Green synthesis and characterisation of CuNPs: insights into their potential bioactivity. <b>2018</b> , 12, 357-364	6
531	Effect of Phenolic Compounds on the Synthesis of Gold Nanoparticles and its Catalytic Activity in the Reduction of Nitro Compounds. <b>2018</b> , 8,	44
530	Metallic nanoparticle synthesised by biological route: safer candidate for diverse applications. <b>2018</b> , 12, 392-404	5
529	Green synthesis of silver nanoparticles using turmeric extracts and investigation of their antibacterial activities. <b>2018</b> , 171, 398-405	152
528	Modification of natural fibers from <i>Thespesia lampas</i> plant by in situ generation of silver nanoparticles in single-step hydrothermal method. <b>2018</b> , 23, 509-516	11
527	In Vitro Studies of the Antimicrobial and Free-Radical Scavenging Potentials of Silver Nanoparticles Biosynthesized From the Extract of. <b>2018</b> , 13, 1177390118782877	23
526	<i>Bombyx mori</i> Silk: An Eco-friendly Source to Produce NanogoldBilk Bioconjugates and Gold Nanoparticles. <b>2018</b> , 29, 1161-1167	
525	Metal nanoparticles as potent antimicrobial nanomachetes with an emphasis on nanogold and nanosilver. <b>2018</b> , 487-521	1
524	Bio-inspired nanomaterials in agriculture and food: Current status, foreseen applications and challenges. <b>2018</b> , 123, 196-200	35
523	Green planting silver nanoparticles on <i>Populus</i> fibers and the catalytic application. <b>2018</b> , 44, 5669-5681	2
522	Phytofunctionalized silver nanoparticles: green biomaterial for biomedical and environmental applications. <b>2018</b> , 38, 127-149	21
521	Green synthesis, antibacterial, antioxidant and cytotoxic effect of gold nanoparticles using <i>Pistacia Atlantica</i> extract. <b>2018</b> , 93, 21-30	38
520	Mechanistic insights into plasmonic photocatalysts in utilizing visible light. <b>2018</b> , 9, 628-648	40
519	Pharmacological and Larvicidal Potential of Green Synthesized Silver Nanoparticles Using <i>Carmona retusa</i> (Vahl) Masam Leaf Extract. <b>2018</b> , 29, 1243-1253	14



518	Extracellular directed ag NPs formation and investigation of their antimicrobial and cytotoxic properties. <b>2019</b> , 27, 9-16	12
517	Assessment of three plant extracts to obtain silver nanoparticles as alternative additives to control biodeterioration of coatings. <b>2019</b> , 141, 52-61	24
516	Synthesis of nickel oxide nanorods by Aloe vera leaf extract. <b>2019</b> , 136, 913-923	19
515	Metal nanoparticles fabricated by green chemistry using natural extracts: biosynthesis, mechanisms, and applications.. <b>2019</b> , 9, 24539-24559	133
514	Biosynthesis of Ag and Fe nanoparticles using Erodium cicutarium; study, optimization, and modeling of the antibacterial properties using response surface methodology. <b>2019</b> , 9, 203-216	5
513	Electrochemical Evaluation of Bacillus Species for Rapid Biosynthesis of Silver Nanoparticles: Application in Domestic Wastewater Treatment. <b>2019</b> ,	2
512	Optimization of microwave-assisted synthesis of silver nanoparticle by Citrus paradisi peel and its application against pathogenic water strain. <b>2019</b> , 12, 225-234	11
511	A Comparative Evaluation of the Antiproliferative Activity against HepG2 Liver Carcinoma Cells of Plant-Derived Silver Nanoparticles from Basil Extracts with Contrasting Anthocyanin Contents. <b>2019</b> , 9,	19
510	Tailored porphyrin <sub>2</sub> gold nanoparticles for biomedical applications. <b>2019</b> , 23, 766-780	4
509	Nanoparticle-Plant Interactions: Two-Way Traffic. <b>2019</b> , 15, e1901794	48
508	Optimization for silver remediation from aqueous solution by novel bacterial isolates using response surface methodology: Recovery and characterization of biogenic AgNPs. <b>2019</b> , 380, 120906	14
507	Effects of metal oxide nanoparticles with plant extract on viability of foodborne pathogens. <b>2019</b> , 39, e12681	5
506	Biosynthesis of Silver Nanoparticles Mediated by Extracellular Pigment from and Their Biomedical Applications. <b>2019</b> , 9,	43
505	Antitumor Activity of Curcumin-Green Synthesized Gold Nanoparticles: In Vitro Study. <b>2019</b> , 9, 813-820	19
504	Green Synthesis of Jujube-Polysaccharide-Stabilized Gold Nanoparticles for Reduction of 4-Nitrophenol. <b>2019</b> , 4, 11483-11487	7
503	Facile synthesis of silver nanoparticles using Averrhoa bilimbi L and Plum extracts and investigation on the synergistic bioactivity using in vitro models. <b>2019</b> , 8, 873-884	11
502	Physico-chemical, antimicrobial and anticancer properties of silver nanoparticles synthesised from organ-specific extracts of Bidens pilosa L.. <b>2019</b> , 126, 196-206	5
501	Enhanced photocatalytic activity of biosynthesized Au-Ag/TiO <sub>2</sub> catalyst by removing excess anchored biomolecules. <b>2019</b> , 21, 1	2

500	Comparative safety analysis of bactericidal nano-colloids: Assessment of potential functional toxicity and radical scavenging action. <b>2019</b> , 184, 110508	2
499	Rapid synthesis of phytogetic silver nanoparticles using Clerodendrum splendens: its antibacterial and antioxidant activities. <b>2019</b> , 36, 1869-1881	3
498	Biomass-Modified Au/TS-1 as Highly Efficient and Stable Nanocatalysts for Propene Epoxidation with O <sub>2</sub> and H <sub>2</sub> . <b>2019</b> , 58, 21953-21960	5
497	Anti-Alzheimer potential, metabolomic profiling and molecular docking of green synthesized silver nanoparticles of Lampranthus coccineus and Malephora lutea aqueous extracts. <b>2019</b> , 14, e0223781	26
496	Green synthesis of silver nanoparticle by cauliflower extract: characterisation and antibacterial activity against storage. <b>2019</b> , 13, 530-535	7
495	Simultaneous green synthesis and in-situ impregnation of silver nanoparticles into organic nanofibers by Lythrum salicaria extract: Morphological, thermal, antimicrobial and release properties. <b>2019</b> , 105, 110115	21
494	An efficient and blistering reduction of 4-nitrophenol by green synthesized silver nanoparticles. <b>2019</b> , 1, 1	13
493	Silver nanoparticles, green synthesis: characterization, in vitro antioxidant and antimicrobial study. <b>2019</b> , 49, 240-248	4
492	Preparation and characterization of hybrid chitosan-silver nanoparticles (Chi-Ag NPs); A potential antibacterial agent. <b>2019</b> , 141, 290-298	40
491	Synthesis, Characterization, and Antimicrobial Activity of Magnesium-Doped Hydroxyapatite Suspensions. <b>2019</b> , 9,	37
490	Green biosynthesis of ZnO nanoparticles by plectranthus amboinicus leaf extract and their application for electrochemical determination of norfloxacin. <b>2019</b> , 49, 277-282	18
489	Synthesis and biological characterization of silver nanoparticles derived from the cyanobacterium Oscillatoria limnetica. <b>2019</b> , 9, 13071	270
488	Preparation of monodispersed and cytotoxic silver nanoparticles using Launaea taraxacifolia leaf extract. <b>2019</b> , 9, 259-268	4
487	Biosynthesized silver nanorings as a highly efficient and selective electrocatalysts for CO reduction. <b>2019</b> , 11, 18595-18603	8
486	Elemental Silver Nanoparticles: Biosynthesis and Bio Applications. <b>2019</b> , 12,	17
485	Nanomaterials as Delivery Vehicles and Components of New Strategies to Combat Bacterial Infections: Advantages and Limitations. <b>2019</b> , 7,	34
484	Broad spectrum antibacterial silver nanoparticle green synthesis: Characterization, and mechanism of action. <b>2019</b> , 429-444	12
483	A reversible biocompatible silver nanoconstructs for selective sensing of mercury ions combined with antimicrobial activity studies. <b>2019</b> , 17, 185-193	12

482	Synthesis of Gold Nanoparticles (AuNPs) Using Leaf Ethanol Extract, Their Characterization, and Biological Applications. <b>2019</b> , 9,	18
481	Microbially Synthesized Biomagnetic Nanomaterials. <b>2019</b> , 49-75	
480	Nickel Oxide-Catalyzed Synthesis of 4-Amino-2H-Chromenes: Its Application in Antimicrobial Studies and Towards Protein Docking. <b>2019</b> , 31, 1049-1056	1
479	Comparative Analysis of Toxicity Induced by Different Synthetic Silver Nanoparticles in Albino Mice. <b>2019</b> , 9, 553-563	5
478	Green chemistry mediated synthesis of PLGA-Silver nanocomposites for antibacterial synergy: Introspection of formulation parameters on structural and bactericidal aspects. <b>2019</b> , 141, 68-81	9
477	Nanomaterial Synthesis: Chemical and Biological Route and Applications. <b>2019</b> , 27-51	11
476	Novel Green Biomimetic Approach for Synthesis of ZnO-Ag Nanocomposite; Antimicrobial Activity against Food-borne Pathogen, Biocompatibility and Solar Photocatalysis. <b>2019</b> , 9, 8303	77
475	Green Synthesized Manganese-Cobaltite Nanospinel and Its Dye Removal Characteristics: Isothermal and Kinetic Studies. <b>2019</b> , 4, 6506-6515	5
474	Green synthesis characterization and antimicrobial activity against of silver nanoparticles using extracts of neem, onion and tomato.. <b>2019</b> , 9, 17002-17015	33
473	Phytosynthesis of Nanoscale Materials. <b>2019</b> , 45-121	3
472	Green synthesis of colloidal silver nanoparticles reinforced PVA-corn starch hydrogel films. <b>2019</b> ,	
471	Thorough utilization of rice husk: metabolite extracts for silver nanocomposite biosynthesis and residues for silica nanomaterials fabrication. <b>2019</b> , 43, 9201-9209	6
470	Rhodiola rosea extract mediated green synthesis of silver nanoparticles supported by nanosilica carrier. <b>2019</b> , 234, 390-402	15
469	Synthesis of Gold Nanoparticles Using Citrus macroptera Fruit Extract: Anti-Biofilm and Anticancer Activity. <b>2019</b> , 4, 5714-5723	20
468	Green Synthesis of Metal Nanoparticles and their Applications in Different Fields: A Review. <b>2019</b> , 233, 1325-1349	62
467	Tuning Optical and Granulometric Properties of Gold Nanostructures Synthesized with the Aid of Different Types of Honeys for Microwave-Induced Hyperthermia. <b>2019</b> , 12,	1
466	Binding interaction study on human serum albumin with bactericidal gold nanoparticles synthesized from a leaf extract of Musa balbisiana: a multispectroscopic approach. <b>2019</b> , 34, 563-575	5
465	Biological Activities of Leaves Ethanolic Extract and the Extract Fabricated Gold Nanoparticles (AuNPs). <b>2019</b> , 24,	9

- 464 Biological Effects of Green-Synthesized Metal Nanoparticles: A Mechanistic View of Antibacterial Activity and Cytotoxicity. **2019**, 145-171 11
- 463 Comparative in situ ROS mediated killing of bacteria with bulk analogue, Eucalyptus leaf extract (ELE)-capped and bare surface copper oxide nanoparticles. **2019**, 100, 747-758 47
- 462 Plant-Mediated Fabrication of Gold Nanoparticles and Their Applications. **2019**, 71-110 6
- 461 Biomimetic synthesis of silver nanoparticles using *Syzygium aromaticum* (clove) extract: Catalytic and antimicrobial effects. **2019**, 33, e4867 25
- 460 g-C<sub>3</sub>N<sub>4</sub>-SiC-Pt for Enhanced Photocatalytic H<sub>2</sub> Production from Water under Visible Light Irradiation. **2019**, 7, 1900017 8
- 459 European Nano Knowledge that Led to Faraday's Understanding of Gold Nanoparticles. **2019**, 141-212
- 458 Cytotoxicity of Ag, Au and Ag-Au bimetallic nanoparticles prepared using golden rod (*Solidago canadensis*) plant extract. **2019**, 9, 4169 67
- 457 Does Nitrate Reductase Play a Role in Silver Nanoparticle Synthesis? Evidence for NADPH as the Sole Reducing Agent. **2019**, 7, 8070-8076 32
- 456 Biosynthesis of cadmium selenide quantum dots by *Providencia vermicola*. **2019**, 13, 106-121 2
- 455 Photocatalytic and antibacterial activity of bio-treated Ag nanoparticles synthesized using *Tinospora cordifolia* leaf extract. **2019**, 30, 8515-8525 5
- 454 Plant-Mediated Green Synthesis of Nanostructures: Mechanisms, Characterization, and Applications. **2019**, 28, 199-322 41
- 453 Biofabrication and characterization of flavonoid-loaded Ag, Au, Au-Ag bimetallic nanoparticles using seed extract of the plant *Madhuca longifolia* for the enhancement in wound healing bio-efficacy. **2019**, 8, 51-63 17
- 452 Chemical and green synthesis of nanoparticles and their efficacy on cancer cells. **2019**, 369-387 15
- 451 Biological synthesis of metallic nanoparticles (MNPs) by plants and microbes: their cellular uptake, biocompatibility, and biomedical applications. **2019**, 103, 2913-2935 49
- 450 Green Synthesis of Gold Nanoparticles by Using Natural Gums. **2019**, 111-134 13
- 449 Rapid Green Synthesis and Characterization of Silver Nanoparticles Arbitrated by Curcumin in an Alkaline Medium. **2019**, 24, 36
- 448 Green synthesis and characterization of titanium dioxide nanoparticles (TiO<sub>2</sub> NPs) using *Sesbania grandiflora* and evaluation of toxicity in zebrafish embryos. **2019**, 80, 197-202 68
- 447 Microwave-Assisted Green Synthesis of Non-Cytotoxic Silver Nanoparticles Using the Aqueous Extract of *Rosa santana* (rose) Petals and Their Antimicrobial Activity. **2019**, 52, 1860-1873 26

446	Efficacy of natural oils against the biological activity on <i>Callosobruchus maculatus</i> and <i>Callosobruchus chinensis</i> (Coleoptera: Tenebrionidae). <b>2019</b> , 43,	3
445	Biocompatible Layers Obtained from Functionalized Iron Oxide Nanoparticles in Suspension. <b>2019</b> , 9, 773	4
444	Anticancer Activity of Copper Oxide Nanoparticles Synthesized from <i>Brassia actinophylla</i> Flower Extract. <b>2019</b> , 31, 1899-1904	3
443	A general overview on application of nanoparticles in agriculture and plant science. <b>2019</b> , 85-110	4
442	THE GREEN SYNTHESIS OF SILVER NANOPARTICLES OF ONION DNA AND SCREENING FOR IN VITRO ANTITYROSINASE ACTIVITY. <b>2019</b> , 271-275	
441	Sustainable utilization of renewable plant-based food wastes for the green synthesis of metal nanoparticles. <b>2019</b> , 1-39	0
440	Observation of Single Nanoparticle Collisions with Green Synthesized Pt, Au, and Ag Nanoparticles Using Electrocatalytic Signal Amplification Method. <b>2019</b> , 9,	2
439	<i>Sterculia</i> Gum: Chemical Structure, Composition and Physico-Chemical Properties. <b>2019</b> , 32, 1-8	3
438	A Comprehensive Review on the Synthesis, Characterization, and Biomedical Application of Platinum Nanoparticles. <b>2019</b> , 9,	134
437	Nanotechnology for Agriculture: Crop Production & Protection. <b>2019</b> ,	3
436	Facile green synthesis and applications of silver nanoparticles: a state-of-the-art review.. <b>2019</b> , 9, 34926-34948	116
435	Efficient eco-friendly approach towards bimetallic nanoparticles synthesis and characterization using <i>Exiguobacterium aestuarii</i> by statistical optimization. <b>2019</b> , 12, 420-434	4
434	Toxicity and regulations of food nanomaterials. <b>2019</b> , 17, 929-944	25
433	Nature-inspired synthesis of $ZrO_2:Dy^{3+}$ viable for WLED applications. <b>2019</b> , 125, 1	3
432	Valorization of mutant <i>Bacillus licheniformis</i> M09 supernatant for green synthesis of silver nanoparticles: photocatalytic dye degradation, antibacterial activity, and cytotoxicity. <b>2019</b> , 42, 541-553	32
431	Biogenic nanomaterials: Synthesis, characterization, growth mechanism, and biomedical applications. <b>2019</b> , 157, 65-80	36
430	Biological applications of phytosynthesized gold nanoparticles using leaf extract of <i>Dracocephalum kotschyi</i> . <b>2019</b> , 107, 621-630	12
429	Antibacterial activity of biosynthesized gold nanoparticles using biomolecules from and chitosan. <b>2019</b> , 27, 283-292	85

428	Spectroscopic study on interaction of <i>Nymphaea nouchali</i> leaf extract mediated bactericidal gold nanoparticles with human serum albumin. <b>2019</b> , 1179, 685-693	9
427	Rapid synthesis of ZnO nanoparticles by waste thyme ( <i>Thymus vulgaris</i> L.). <b>2019</b> , 16, 6985-6990	13
426	Facile and greener hydrothermal honey-based synthesis of Fe O /Au core/shell nanoparticles for drug delivery applications. <b>2019</b> , 120, 6624-6631	8
425	Amylase-assisted green synthesis of silver nanocubes for antibacterial applications. <b>2019</b> , 8, 161-170	2
424	Shape-tunable and facile extracellular green synthesis of silver nanocubes using leaf extracts of <i>Jatropha Gossypifolia</i> and <i>Jatropha Glandulifera</i> and its antibacterial studies. <b>2019</b> , 6, 015048	1
423	Silver nanoparticle synthesis from carica papaya and virtual screening for anti-dengue activity using molecular docking. <b>2019</b> , 6, 035028	5
422	Light control through a nonlinear lensing effect in a colloid of biosynthesized gold nanoparticles. <b>2019</b> , 66, 502-511	5
421	Negative effect of copper nanoparticles on the conjugation frequency of conjugative catabolic plasmids. <b>2019</b> , 169, 662-668	13
420	Selective colorimetric sensing of Zn(II) ions using green-synthesized silver nanoparticles: <i>Ficus benjamina</i> extract as reducing and stabilizing agent. <b>2019</b> , 112, 1-8	18
419	A Superior Method for Constructing Electrical Percolation Network of Nanocomposite Fibers: In Situ Thermally Reduced Silver Nanoparticles. <b>2019</b> , 15, e1803255	15
418	Morphological, plasmonic and enhanced antibacterial properties of Ag nanoparticles prepared using <i>Zingiber officinale</i> extract. <b>2019</b> , 126, 257-266	8
417	Therapeutic Potential of Plant-Based Metal Nanoparticles. <b>2019</b> , 169-196	3
416	Comparison of the characteristics of gold nanoparticles synthesized using aqueous plant extracts and natural plant essential oils of <i>Eucalyptus globulus</i> and <i>Rosmarinus officinalis</i> . <b>2019</b> , 12, 4795-4805	26
415	Plasmonic and fluorescent sensors of metal ions in water based on biogenic gold nanoparticles. <b>2020</b> , 13, 1975-1985	15
414	Plasmon-induced photocatalytic degradation of methylene blue dye using biosynthesized silver nanoparticles as photocatalyst. <b>2020</b> , 41, 1520-1534	38
413	Green gold nanoparticles from plant-derived materials: an overview of the reaction synthesis types, conditions, and applications. <b>2020</b> , 36, 859-877	10
412	Bio-synthesized silver nanoparticles using <i>Zingiber officinale</i> rhizome extract as efficient catalyst for the degradation of environmental pollutants. <b>2020</b> , 50, 57-65	10
411	Eco-friendly synthesis and biomedical applications of gold nanoparticles: A review. <b>2020</b> , 152, 104296	59

410	Optimization of <i>Enterobacter cloacae</i> mediated synthesis of extracellular silver nanoparticles by response surface methodology and their characterization. <b>2020</b> , 38, 931-943	3
409	Gold Nanoparticles Biosynthesized Using <i>Ginkgo biloba</i> Leaf Aqueous Extract for the Decolorization of Azo-Dyes and Fluorescent Detection of Cr(VI). <b>2020</b> , 31, 549-560	27
408	Plant-based metal and metal alloy nanoparticle synthesis: a comprehensive mechanistic approach. <b>2020</b> , 55, 1309-1330	22
407	Biogenic Pt/CaCO Nanocomposite as a Robust Catalyst toward Benzene Oxidation. <b>2020</b> , 12, 2469-2480	27
406	Synthesis of silver nanoparticles using leaves of <i>Catharanthus roseus</i> and their antimicrobial activity. <b>2020</b> , 10, 4459-4464	12
405	Antimicrobial Activity of Biosynthesized Metal Nanoparticles. <b>2020</b> , 10, 20-35	
404	Biosynthesis of CuO nanoparticles and synergistic antibacterial activity using mint leaf extract. <b>2020</b> , 35, 447-451	17
403	BIOSYNTHESIS AND CHARACTERIZATION OF SILVER NANOPARTICLES FROM MARINE MACROSCOPIC RED SEAWEED <i>HALYMENIA PORPHYROIDES BOERGESEN</i> (CRYPTON) AND ITS ANTIFUNGAL EFFICACY AGAINST DERMATOPHYTIC AND NON-DERMATOPHYTIC FUNGI. <b>2020</b> , 174-181	1
402	Electrochemical Determination of Nicotine in Tobacco Products Based on Biosynthesized Gold Nanoparticles. <b>2020</b> , 8, 593070	1
401	Bioreduction of Gold Ions from Anisotropic to Isotropic Nanostructures by NADPH-Dependent Reductase from <i>Bipolaris oryzae</i> . <b>2020</b> , 5, 11522-11529	1
400	Biomedical and photocatalytic applications of biosynthesized silver nanoparticles: Ecotoxicology study of brilliant green dye and its mechanistic degradation pathways. <b>2020</b> , 319, 114114	26
399	Pd/Mo <sub>2</sub> N-TiO <sub>2</sub> as efficient catalysts for promoted selective hydrogenation of 4-nitrophenol: A green bio-reducing preparation method. <b>2020</b> , 391, 190-201	9
398	Highly stable AgNPs prepared via a novel green approach for catalytic and photocatalytic removal of biological and non-biological pollutants. <b>2020</b> , 143, 105924	41
397	Phytonanotechnology and synthesis of silver nanoparticles. <b>2020</b> , 71-96	1
396	Green nanoparticles from different plant groups. <b>2020</b> , 51-70	
395	Green synthesis of silver nanoparticles using <i>Ipomoea aquatica</i> leaf extract and its cytotoxicity and antibacterial activity assay. <b>2020</b> , 13, 303-315	5
394	Copper Nanoparticles as Growth Promoter, Antioxidant and Anti-Bacterial Agents in Poultry Nutrition: Prospects and Future Implications. <b>2021</b> , 199, 3825-3836	4
393	Eco friendly silver nanoparticles synthesis by <i>Brassica oleracea</i> and its antibacterial, anticancer and antioxidant properties. <b>2020</b> , 10, 18564	28

392	Synthesis of gold nanoparticles using <i>Platycodon grandiflorum</i> extract and its antipathogenic activity under optimal conditions. <b>2020</b> , 10, 184798042096169	14
391	Synthesis of copper oxide nanoparticles using tree gum extract, its spectral characterization, and a study of its anti-bactericidal properties. <b>2020</b> , 33, 4151-4155	4
390	Recent trends, therapeutic applications, and future trends of nanomaterials in dentistry. <b>2020</b> , 257-292	2
389	Phytonanotechnology: A historical perspective, current challenges, and prospects. <b>2020</b> , 1-20	1
388	Phytonanotechnology in biomedical applications. <b>2020</b> , 187-194	2
387	Anticorrosion Behavior of ZnO Nanoparticles Coated on Mild Steel in NaCl Solution. <b>2020</b> , 20, 4061-4068	4
386	Biogenic Synthesis and Characterization of Antimicrobial and Antiparasitic Zinc Oxide (ZnO) Nanoparticles Using Aqueous Extracts of the Himalayan Columbine ( <i>Aquilegia pubiflora</i> ). <b>2020</b> , 7,	29
385	Selective detection of environmentally hazardous Hg <sup>2+</sup> ion by bio-functionalized reusable silver nanoparticles. <b>2020</b> ,	0
384	Improving the morphological, optical, and photocatalytic properties of octahedral Zn <sub>2</sub> SnO <sub>4</sub> using <i>Garcinia mangostana</i> fruit peel extract. <b>2020</b> , 182, 109719	5
383	Morphological characterization of silver nanoparticles in-situ with poly (vinyl alcohol) based smart gel matrix. <b>2020</b> ,	
382	Evaluation of microalgal-based nanoparticles in the adsorption of heavy metals from wastewater. <b>2020</b> , 805, 012030	6
381	Synergistic antimicrobial action of phyco-synthesized silver nanoparticles and nano-fungal chitosan composites against drug resistant bacterial pathogens. <b>2020</b> , 34, 631-639	9
380	Phytomediated Photo-Induced Green Synthesis of Silver Nanoparticles Using <i>L.</i> and Its Catalytic Activity against Rhodamine B. <b>2020</b> , 10,	11
379	Comparative Chemocatalytic Reduction Efficacy of Biosynthesized Silver and Gold Nanoparticles Towards Aromatic Nitro Compounds. <b>2020</b> , 10, 667-683	
378	Green Synthesis of Metallic Nanoparticles and Their Potential Applications to Treat Cancer. <b>2020</b> , 8, 799	112
377	Biological synthesis of silver nanoparticles from leaf extract of <i>Piper betel</i> and its antibacterial activities. <b>2020</b> ,	
376	Anti-biofilm and Antibacterial Activities of Silver Nanoparticles Synthesized by the Reducing Activity of Phytoconstituents Present in the Indian Medicinal Plants. <b>2020</b> , 11, 1143	56
375	Dye degradation, antimicrobial and larvicidal activity of silver nanoparticles biosynthesized from. <b>2020</b> , 27, 1753-1759	6



374	Shape memory hybrid based on polyvinyl alcohol and 0D silver nanoparticles. <b>2020</b> , 90, 106668	1
373	Red shifted photoluminescent properties of electrospun poly(methyl methacrylate) nanofibers incorporated with green synthesised silver nanoparticles. <b>2020</b> , 33, 1402-1409	3
372	Bio-callus synthesis of silver nanoparticles, characterization, and antibacterial activities via Cinnamomum camphora callus culture. <b>2020</b> , 27, 101689	42
371	Current status of plant metabolite-based fabrication of copper/copper oxide nanoparticles and their applications: a review. <b>2020</b> , 24, 11	45
370	Green synthesis of graphene oxide (GO)-anchored Pd/Cu bimetallic nanoparticles using as bio-reductant: an efficient heterogeneous catalyst for the Sonogashira cross-coupling reaction.. <b>2020</b> , 10, 23108-23120	13
369	Synthesis and characterization of graphene oxide from locally mined graphite flakes and its supercapacitor applications. <b>2020</b> , 7, 100113	10
368	Green synthesis of silver nanoparticles by extract alleviates diabetic neuropathy through anti-inflammatory and antioxidant effects. <b>2020</b> , 27, 2410-2419	40
367	Cocos nucifera Leaf Extract Mediated Green Synthesis of Silver Nanoparticles for Enhanced Antibacterial Activity. <b>2020</b> , 30, 3305-3316	18
366	Endophytic fungi mediated biofabrication of nanoparticles and their potential applications. <b>2020</b> , 325-341	6
365	Facile coconut inflorescence sap mediated synthesis of silver nanoparticles and its diverse antimicrobial and cytotoxic properties. <b>2020</b> , 111, 110834	11
364	The inhibitory effect of Tamarix hispida mediated silver nanoparticles on Cyclin D1 protein expression of human cancer cells line. <b>2020</b> , 50, 1144-1149	1
363	Biosynthesis of multiphase iron nanoparticles using Syzygium aromaticum and their magnetic properties. <b>2020</b> , 603, 125241	5
362	Green synthesis, characterization, antimicrobial and cytotoxic effect of silver nanoparticles using arabinoxylan isolated from Kalmegh. <b>2020</b> , 162, 1025-1034	18
361	Anti-Bacterial and Anti-Candidal Activity of Silver Nanoparticles Biosynthesized Using spp. MS5 Culture Supernatant. <b>2020</b> , 10,	6
360	Synthesis and evaluation of anticorrosion properties of onion mesocarp-nickel nanocomposites on X80 steel in acidic cleaning solution. <b>2020</b> , 9, 2832-2845	10
359	Biogenic synthesis of gold nanoparticles using Jasminum auriculatum leaf extract and their catalytic, antimicrobial and anticancer activities. <b>2020</b> , 57, 101620	38
358	Green Synthesis of Silver Nanoparticles Using Cucurbita pepo Leaves Extract and Its Antimicrobial and Antioxidant Activities. <b>2020</b> , 115-125	
357	Synthesis of Metal/Metal Oxide Nanoparticles by Green Methods and Their Applications. <b>2020</b> , 63-81	3

356	Recovery of Au Nanoparticles via High-Solubility Carboxylic Starch and its Significantly Improved Catalysis of Propylene Epoxidation. <b>2020</b> , 72, 1900313	0
355	Biosynthesis and study of bimetallic copper and silver nanoparticles on cellulose cotton fabrics using <i>Moringa olifera</i> leaf extraction as reductant. <b>2020</b> , 50, 828-835	7
354	Rapid Water Disinfection Using ZnO Nanoparticles Synthesized from <i>Citrus aurantifolia</i> . <b>2020</b> , 90, 989-996	1
353	The Use of Tunable Optical Absorption Plasmonic Au and Ag Decorated TiO <sub>2</sub> Structures as Efficient Visible Light Photocatalysts. <b>2020</b> , 10, 139	21
352	Biomimetic synthesis of magnesium oxide nanoparticles using <i>Chromolaena odorata</i> (L.) leaf extract. <b>2020</b> , 74, 2101-2109	15
351	Chemical characterization and evaluation of antimicrobial and cutaneous wound healing potentials of gold nanoparticles using <i>Allium saralicum</i> R.M. Fritsch. <b>2020</b> , 34, e5484	4
350	In vitro and in silico investigation of anti-biofilm activity of <i>Citrus macroptera</i> fruit extract mediated silver nanoparticles. <b>2020</b> , 302, 112586	23
349	Green Synthesis of Copper Oxide Nanostructures using <i>Cynodon dactylon</i> and <i>Cyperus rotundus</i> Grass Extracts for Antibacterial Applications. <b>2020</b> , 46, 12525-12537	27
348	Chitosan-mediated synthesis of biogenic silver nanoparticles (AgNPs), nanoparticle characterisation and in vitro assessment of anticancer activity in human hepatocellular carcinoma HepG2 cells. <b>2020</b> , 149, 844-852	34
347	Synthesis of physically crosslinked PVA/Chitosan loaded silver nanoparticles hydrogels with tunable mechanical properties and antibacterial effects. <b>2020</b> , 149, 1262-1274	30
346	Almond skin extract mediated optimally biosynthesized antibacterial silver nanoparticles enable selective and sensitive colorimetric detection of Fe ions. <b>2020</b> , 193, 111084	7
345	Ultrasound-Assisted Hydrazine Reduction Method for the Preparation of Nickel Nanoparticles, Physicochemical Characterization and Catalytic Application in Suzuki-Miyaura Cross-Coupling Reaction. <b>2020</b> , 10,	8
344	Synthesis of Silver Nanoparticles Using (L.) J. Sm. and Evaluation of their Biological Potentials. <b>2020</b> , 13,	9
343	Effectiveness of surfactants for unique hierarchical Mn <sub>2</sub> O <sub>3</sub> nanomaterials as enhanced oxidative catalysts, antibacterial agents, and photocatalysts. <b>2020</b> , 144, 109429	9
342	Nanoporous gold film: Surfactant-assisted synthesis, anodic oxidation and sensing application in electrochemical determination of quercetin. <b>2020</b> , 864, 114097	4
341	Biological and Catalytic Activities of Green Synthesized Silver Nanoparticles from the Leaf Infusion of <i>Boiss</i> . <b>2021</b> , 5, 2000018	2
340	Green synthesis of silver nanoparticles using canthaxanthin from <i>Dietzia maris</i> AURCCBT01 and their cytotoxic properties against human keratinocyte cell line. <b>2021</b> , 130, 1730-1744	5
339	Removal of lead (II) ions from water using copper ferrite nanoparticles synthesized by green method. <b>2021</b> , 45, 3986-3990	4

- 338 State of arts on the bio-synthesis of noble metal nanoparticles and their biological application. **2021**, 30, 272-290 11
- 337 Two birds with one stone: oyster mushroom mediated bimetallic Au-Pt nanoparticles for agro-waste management and anticancer activity. **2021**, 28, 13761-13775 9
- 336 Characterization, anticancer, antibacterial, anti-diabetic and anti-inflammatory activities of green synthesized silver nanoparticles using *Justica wynaadensis* leaves extract. **2021**, 46, 5942-5947 2
- 335 High-flux TFN nanofiltration membranes incorporated with Camphor-AIO nanoparticles for brackish water desalination. **2021**, 265, 128999 24
- 334 Fast Orange Peel-Mediated Synthesis of Silver Nanoparticles and Use as Visual Colorimetric Sensor in the Selective Detection of Mercury(II) Ions. **2021**, 46, 5477-5487 3
- 333 Microwave-irradiated green synthesis of metallic silver and copper nanoparticles using fresh ginger (*Zingiber officinale*) rhizome extract and evaluation of their antibacterial potentials and cytotoxicity. **2021**, 51, 722-732 7
- 332 Synthesis of silver nanoparticles (AgNPs) using culinary banana peel extract for the detection of melamine in milk. **2021**, 58, 797-804 2
- 331 Green silver nano-particles: synthesis using rice leaf extract, characterization, efficacy, and non-target effects. **2021**, 28, 4452-4462 3
- 330 Smart delivery mechanisms of nanofertilizers and nanocides in crop biotechnology. **2021**, 385-414
- 329 Nanoparticles for the Enhancement of the Therapeutic Efficacy of Herbal Formulations. **2021**, 149-172
- 328 Integrated Biotechnological Interventions in Textile Effluent Treatment. **2021**, 1-17 0
- 327 In vitro antibacterial effect of silver nanoparticles synthesized using *Agastache foeniculum* plant and callus extracts. **2021**, 6, 631-643 1
- 326 Environmentally Benign Synthesis of Nanocatalysts: Recent Advancements and Applications. **2021**, 1163-1181 1
- 325 Application of silver nanoparticles as a chemical sensor for detection of pesticides and metal ions in environmental samples. **2021**, 429-452
- 324 Synthesis, Characterization and Evaluation of Antioxidant and Cytotoxic Potential of *Annona muricata* Root Extract-derived Biogenic Silver Nanoparticles. 1 0
- 323 Assessment of the Antibacterial Potential of Biosynthesized Silver Nanoparticles Combined with Vancomycin Against Methicillin-Resistant *Staphylococcus aureus*-Induced Infection in Rats. **2021**, 199, 4225-4236 3
- 322 Biosynthesis of nanoparticles and their roles in numerous areas. **2021**, 1-47 0
- 321 Phytofabrication of nanoparticles through plant as nanofactories. **2021**, 153-169

- 320 One-step growth of silver nanodendrites and their electrochemical activity. **2021**, 127, 1 3
- 319 Potato peel waste as reductant for the biogenesis of gold and silver ultrafine particles. **2021**, 42, 1084-1090 2
- 318 Ayurvedic bhasma and synthesized nanoparticles: A comparative review. **2021**, 46, 3079-3083
- 317 Biology-inspired photocatalysis: Recent advances in biomimetic photocatalytic nanosystems synthesis and applications. **2021**, 603-648 1
- 316 Biogenic Synthesis of Nanomaterials Toward Environment-Friendly Approach. **2021**, 121-151
- 315 Greener synthesis of nanomaterials and compounds from biomass sources. **2021**, 615-630
- 314 Metal recovery using nanobiotechnology. **2021**, 283-301 0
- 313 Xanthan-based nanomaterials for drug delivery applications. **2021**, 275-292
- 312 Plant derived nanoparticles and their biotechnological applications. **2021**, 331-362 1
- 311 Metal and metal oxide nanoparticles: An integrated perspective of the green synthesis methods by natural products and waste valorization: applications and challenges. **2021**, 433-469 3
- 310 Solid-State Green Synthesis of Different Nanoparticles. **2021**, 289-301
- 309 Synthesis of Terminalia bellirica fruit extract mediated silver nanoparticles and application in photocatalytic degradation of wastewater from textile industries. **2021**, 44, 1995-1998 6
- 308 Bacterial Synthesis of NPs and Their Scale-Up Technologies. **2021**, 61-80
- 307 Smart Theranostic Applications of Metal Nanoparticles Against Cancer. **2021**, 319-336
- 306 CdS nanoparticles (. **2021**, 127, 1 6
- 305 Green Silver and Gold Nanoparticles: Biological Synthesis Approaches and Potentials for Biomedical Applications. **2021**, 26, 46
- 304 Biogenic synthesis of bimetallic nanoparticles and their applications. **2021**, 5
- 303 Comparative efficacy of biogenic zinc oxide nanoparticles synthesized by *Pseudochrobactrum* sp. C5 and chemically synthesized zinc oxide nanoparticles for catalytic degradation of dyes and wastewater treatment. **2021**, 28, 28307-28318 7

302	Antimicrobial and In Vitro Cytotoxic Efficacy of Biogenic Silver Nanoparticles (Ag-NPs) Fabricated by Callus Extract of L. <b>2021</b> , 11,	29
301	Strong and nonspecific synergistic antibacterial/antibiofilm impact of nano-silver biosynthesized and decorated with active ingredients of L. <b>2021</b> , 11, 153	2
300	Green synthesised silver nanoparticles incorporated electrospun poly(methyl methacrylate) nanofibers with different architectures for ophthalmologic alternatives. <b>2021</b> , 36, 93-110	2
299	Catalytic degradation of methylene blue using silver nanoparticles synthesized by honey. <b>2021</b> , 28, 2007-2013	10
298	Environmentally Friendly Rapid Synthesis of Gold Nanoparticles from Artemisia absinthium Plant Extract and Application of Antimicrobial Activities. 365-375	9
297	Impact of silver nanoparticles as antibacterial agent derived from leaf and callus of <i>Celastrus paniculatus</i> Willd. <b>2021</b> , 7,	1
296	Toxicity of biogenic zinc oxide nanoparticles to soil organic matter cycling and their interaction with rice-straw derived biochar. <b>2021</b> , 11, 8429	5
295	Dual probes of Ag/Pd bimetallic NPs facilely synthesized by green process using <i>Catharanthus</i> leaf extract on textile dye removal and free radical capability. <b>2021</b> , 11, 1565-1574	5
294	Nanomedicine perspective in HIV therapy: biosynthesized gold nanoparticles exhibiting enhanced anti-HIV property. <b>2021</b> , 10,	1
293	Preparation of Gold Nanoplates Using Ortho Carbonyl Compounds as Capping Agents for Electrochemical Sensing of Lead Ions. <b>2021</b> , 16, 57	2
292	Biosynthesis of Silver Nanoparticles Using Bark Extracts of <i>Eucalyptus tereticornis</i> Sm. and Study of Their Antimicrobial Properties. <b>2021</b> , 91, 557-564	0
291	Citric acid mediated green synthesis of copper nanoparticles using cinnamon bark extract and its multifaceted applications. <b>2021</b> , 292, 125974	28
290	Untargeted analysis of pure snail slime and snail slime-induced Au nanoparticles metabolome with MALDI FT-ICR MS. <b>2021</b> , 56, e4722	3
289	Green Synthesis of Transition-Metal Nanoparticles and Their Oxides: A Review. <b>2021</b> , 14,	14
288	A review of plant metabolites with metal interaction capacity: a green approach for industrial applications. <b>2021</b> , 34, 761-793	6
287	Ag Nanoparticle-Incorporated Natural Rubber for Mechanical Energy Harvesting Application. <b>2021</b> , 26,	4
286	Bioinspired AgNPs: Effective and Recyclable Catalysts towards the One-Pot Synthesis of Hexahydroquinoline Derivatives via Three-Component Coupling Reaction. <b>2021</b> , 6, 4404-4410	0
285	A review on plant-mediated synthesis of silver nanoparticles, their characterization and applications. <b>2021</b> , 2, 022008	4

- 284 Green synthesis and anticorrosion effect of *Allium cepa* peels extract-silver nanoparticles composite in simulated oilfield pickling solution. **2021**, 3, 1 6
- 283 Nanosecond pulse laser-induced fabrication of gold and silver-integrated cinnamon shell structure: Tunable fluorescence dynamics and morphology. **2021**, 138, 106834 1
- 282 Titanium Dioxide-Based Nanocatalysts in Biodiesel Production. **2021**, 115-142
- 281 Emerging trends of nanotechnology in beauty solutions: A review. **2021**, 2
- 280 A Review on Green Synthesis, Characterization and Anticancer Application of Metallic Nanoparticles. **2021**, 193, 2357-2378 0
- 279 Green synthesis of AgNPs, characterization as an effective wound healing agent in the wound care after anorectal surgery.
- 278 Simple One-Step Leaf Extract-Assisted Preparation of Fe<sub>2</sub>O<sub>3</sub> Nanoparticles, Physicochemical Properties, and Its Sunlight-Driven Photocatalytic Activity on Methylene Blue Dye Degradation. **2021**, 2021, 1-25 3
- 277 Remediation of Wastewater Using Plant Based Nano Materials. **2021**, 583-599
- 276 *Moringa oleifera* Leaf Extract-Mediated Green Synthesis of Nanostructured Alkaline Earth Oxide (MgO) and Its Physicochemical Properties. **2021**, 2021, 1-22 1
- 275 Greener synthesis and medical applications of metal oxide nanoparticles. **2021**, 47, 19632-19650 10
- 274 Green synthesis of silver nanoparticles by *Cassia filiformis* L. extract and its characterization. **2021**, 3
- 273 Biogenic Synthesis and Catalytic Efficacy of Silver Nanoparticles Based on Peel Extracts of Fruit. **2021**, 6, 18260-18268 6
- 272 SBA-ionic liquid as an efficient adsorbent of palladium, silver, and gold ions. **2022**, 1 0
- 271 Green synthesis of gold nanoparticles using *Centaurea behen* leaf aqueous extract and investigating their antioxidant and cytotoxic effects on acute leukemia cancer cell line (THP-1). **2021**, 129, 108649 8
- 270 Aquatic weed *Spirodela polyrhiza*, a potential source for energy generation and other commodity chemicals production. **2021**, 173, 455-465 2
- 269 A Review on Silver Nanoparticles -green Synthesis, Antimicrobial Action and Application in Textiles. 1-22 3
- 268 Free Radical Scavenging and Antioxidant Activity of Silver Nanoparticles Synthesized from *Cuminum cyminum* (Cumin) seed Extract. **2021**, 4349-4354 1
- 267 Characterization and Antitumoral Activity of Biohybrids Based on Turmeric and Silver/Silver Chloride Nanoparticles. **2021**, 14, 3

266	A detailed review on biosynthesis of platinum nanoparticles (PtNPs), their potential antimicrobial and biomedical applications. <b>2021</b> , 25, 101297	14
265	Plant-Based Synthesis of Zinc Oxide Nanoparticles (ZnO-NPs) Using Aqueous Leaf Extract of : Their Antiproliferative Activity against HepG2 Cells Inducing Reactive Oxygen Species and Other Properties. <b>2021</b> , 2021, 4786227	8
264	Insights into Shape-Based Silver Nanoparticles: A Weapon to Cope with Pathogenic Attacks. <b>2021</b> , 9, 12476-12507	7
263	Biosynthesis of Selenium Nanoparticles (via BSN313), and Their Isolation, Characterization, and Bioactivities. <b>2021</b> , 26,	12
262	Green synthesis of silver nanoparticles and their shortcomings, animal blood a potential source for silver nanoparticles: A review. <b>2021</b> , 1, 100005	3
261	Anticancer, Antimicrobial and Hemolytic Assessment of Zinc Oxide Nanoparticles Synthesized from Lagerstroemia indica. 1	0
260	Biofabricated smart-nanosilver: Promising armamentarium for cancer and pathogenic diseases. <b>2021</b> , 44, 100459	3
259	Green Synthesis of Triangular ZnO Nanoparticles Using Azadirachta indica Leaf Extract and Its Shape Dependency for Significant Antimicrobial Activity: Joint Experimental and Theoretical Investigation. 1	1
258	Synthesis of silver nanoparticles from wild and tissue cultured Ceropogia juncea plants and its antibacterial, anti-angiogenesis and cytotoxic activities. 1	2
257	Biosynthesis of silver nanoparticles using Ocimum tenuiflorum extract and its efficacy assessment against Helicoverpa armigera. 1-9	
256	Antioxidant, Antimicrobial and Cytotoxic Activities of Biosynthesized Gold Nanoparticles (AuNPs) from Chinese Lettuce (CL) Leave Extract (Brassica rapa var. pekinensis). <b>2021</b> , 29, 102831	3
255	Efficacy of Terminalia catappa-AgNP nanocomposite towards Saprolegnia parasitica infection in angelfish (Pterophyllum scalare) eggs. <b>2021</b> , 543, 736914	0
254	Facile green synthesis of non-genotoxic, non-hemolytic organometallic silver nanoparticles using extract of crushed, wasted, and spent Humulus lupulus (hops): Characterization, anti-bacterial, and anti-cancer studies. <b>2022</b> , 204, 111962	11
253	Recent advances in the nanoparticles synthesis using plant extract: Applications and future recommendations. <b>2022</b> , 1248, 131538	5
252	Green synthesis approaches for metallic and carbon nanostructures. <b>2022</b> , 83-127	
251	Prominent absorption and luminescence characteristics of novel silver-cinnamon core-shell nanoparticles prepared in ethanol using PLAL method. <b>2022</b> , 190, 109794	0
250	Green synthesis and biomedical applications of silver and gold nanoparticles functionalized with methanolic extract of. <b>2021</b> , 49, 194-203	9
249	Plant-Mediated Green Synthesis of Nanoparticles. <b>2021</b> , 75-89	2

248	A Review on Gold Nanoparticles (GNPs) and their Advancement in Cancer Therapy. <b>2021</b> , 019-025	
247	Biogenic Silver Nanoparticles: A Potent Therapeutic Agent. <b>2021</b> , 81-127	2
246	Phytogenic synthesis of silver nanoparticles: mechanisms and applications. <b>2021</b> , 167-185	
245	Green Synthesis of Silver Nanoparticles Using Cannabis sativa Extracts and Their Anti-Bacterial Activity. <b>2021</b> , 11, 28-38	8
244	A promising technique of Aegle marmelos leaf extract mediated self-assembly for silver nanoprism formation. <b>2017</b> , 63, 3670-3680	2
243	Environmentally Benign Synthesis of Nanocatalysts: Recent Advancements and Applications. <b>2020</b> , 1-19	1
242	Application of Nanotechnology for Sustainable Crop Production Systems. <b>2020</b> , 135-159	3
241	Recent Trends and Advancement Toward Phyto-mediated Fabrication of Noble Metallic Nanomaterials: Focus on Silver, Gold, Platinum, and Palladium. <b>2020</b> , 87-105	6
240	Biosynthesized Nanoparticles and Their Biological Applications. <b>2020</b> , 71-111	1
239	Nanobiosensors for Bioclinical Applications: Pros and Cons. <b>2020</b> , 117-149	5
238	Plant-Mediated Synthesis of Silver and Gold Nanoparticles for Antibacterial and Anticancer Applications. <b>2020</b> , 163-186	1
237	Nanoparticles and Their Fate in Soil Ecosystem. <b>2020</b> , 221-245	1
236	Synthesis of gold and silver nanoparticles using Malva verticillata leaves extract: Study of gold nanoparticles catalysed reduction of nitro-Schiff bases and antibacterial activities of silver nanoparticles. <b>2020</b> , 3, 100006	11
235	Nanoparticles: biosynthesis, translocation and role in plant metabolism. <b>2019</b> , 13, 345-352	7
234	Novel nanoplex-mediated plant transformation approach. <b>2019</b> , 13, 609-616	2
233	Analytical study of biosynthesised silver nanoparticles against multi-drug resistant biofilm-forming pathogens. <b>2020</b> , 14, 331-340	1
232	Herbal Plant Synthesis of Antibacterial Silver Nanoparticles by Solanum trilobatum and Its Characterization. <b>2014</b> , 2014, 1-8	21
231	Biofabrication of silver nanoparticles from Pseudomonas fluorescens to control tobacco mosaic virus. <b>2020</b> , 30,	6



230	Can animals too negotiate nano transformations?. <b>2013</b> , 1, 35-42	10
229	Synthesis of Silver Nanoparticles from Artemisia sieberiana and Calotropis procera Medical Plant Extracts and their Characterization using SEM Analysis. <b>2017</b> , 14, 521-526	2
228	Synthesis of Silver Nanoparticles by Phyllanthus emblica Plant Extract and Their Antibacterial Activity. <b>2020</b> , 17, 136-145	7
227	Adsorption of Lead (II) Ions by Ecofriendly Copper Oxide Nanoparticles. <b>2019</b> , 35, 1731-1736	6
226	Preparation and characterization of fruit-mediated silver nanoparticles using pomegranate extract and assessment of its antimicrobial activities. <b>2013</b> , 2, 20-27	4
225	Antibiofilm properties of silver and gold incorporated PU, PCLm, PC and PMMA nanocomposites under two shear conditions. <b>2013</b> , 8, e63311	57
224	Radiation protection and secondary cancer prevention using biological radioprotectors in radiotherapy. <b>2015</b> , 3, 335	6
223	Green synthesis of metal and metal oxide nanoparticles from plant leaf extracts and their applications: A review. <b>2020</b> , 9, 304-339	119
222	Eco-synthesis and characterization of titanium nanoparticles: Testing its cytotoxicity and antibacterial effects. <b>2020</b> , 9, 462-468	4
221	SILVER NANOPARTICLES AS PENICILLIN ACTION ENHANCERS. <b>2013</b> , 6, 33-42	2
220	Nanosilver Particle Production Using Juglans Regia L. (Walnut) Leaf Extract. <b>2013</b> , 8, 20-26	8
219	Biosynthesis of Gold Nanoparticle using Cell-free Extract of Clinical Isolates Staphylococcus Aureus and Escherichia Coli. <b>2019</b> , 6, 107-116	1
218	Biosynthesis and Characterization of Silver Nanoparticles Using Phoenix dactylifera Fruits Extract and their In Vitro Antimicrobial and Cytotoxic Effects. <b>2019</b> , 13, 37-46	16
217	Nanobiotecnologia verde: biossínteses de nanopartículas metálicas e suas aplicações como nanoantimicrobianos. <b>2013</b> , 65, 44-48	5
216	Optimization and characterization of biosynthesized gold nanoparticles by Oenothera biennis seed extract using taguchi method. <b>2020</b> , 19, 102-117	1
215	Biological links between nanoparticle biosynthesis and stress responses in bacteria. <b>2018</b> , 3, 44-69	1
214	Rapid green synthesis of silver nanoparticles from silver nitrate by a homeopathic mother tincture Phytolacca Decandra. <b>2012</b> , 10, 546-54	15
213	Evaluation of Antibacterial Efficacy of Biologically Synthesized Silver Nanoparticles using Stem Barks of Boswellia ovalifoliolata Bal. and Henry and Shorea tumbuggaia Roxb.. <b>2010</b> , 11, 39-45	36

212	Nanotechnology, Metal Nanoparticles, and Biomedical Applications of Nanotechnology. <b>2017</b> , 311-341	1
211	Applications of Gold Nanoparticles in Cancer. <b>2018</b> , 780-808	3
210	Green Synthesis of Silver Nanoparticles with High Fungicidal Activity from Olive Seed Extract. <b>2013</b> , 02, 241-246	20
209	Role of Cetyltrimethylammonium Bromide in the Green Synthesis of Silver Nanoparticles Using <i>Mimusops elengi</i>, Linn. (Maulsari) Leaf Extract. <b>2016</b> , 05, 44-52	2
208	Rapid Biosynthesis Method and Characterization of Silver Nanoparticles Using <i>Zizyphus spina christi</i> Leaf Extract and Their Antibacterial Efficacy in Therapeutic Application. <b>2017</b> , 08, 22-35	29
207	Biogenic Nano-Synthesis; towards the Efficient Production of the Biocompatible Gold Nanoparticles. <b>2010</b> , 31, 2771-2775	16
206	Synthesis, characterization and antioxidant activity of silver nanoparticles stabilized by aqueous extracts of wild blackberry ( <i>Rubus spp.</i> ) and raspberry ( <i>Rubus idaeus L.</i> ) leaves. <b>2019</b> , 8, 47-58	3
205	Application of biosynthesized metal nanoparticles in electrochemical sensors. <b>2021</b> , 77-77	1
204	Scope of eco-friendly nanoparticles for anti-microbial activity. <b>2021</b> , 4, 100198	1
203	Tamarindus indica Leaf Extract Mediated Au NPs for Antimicrobial Treatment of Infectious Skin Wounds in Postoperative Wound Care Applications. <b>2021</b> , 13, 1012-1018	2
202	Biosynthesized gold nanoparticles-doped hydroxyapatite as antibacterial and antioxidant nanocomposite.	2
201	Dielectric barrier plasma effect on surface functionality and coating properties of ultrasonically coated cotton with ZnO nanoparticles and Aloe vera extraction. 1	1
200	Facile green synthesis of nano-sized ZnO using leaf extract of Morinda tinctoria: MCF-7 cell cycle arrest, antiproliferation, and apoptosis studies. <b>2021</b> , 105, 520-520	1
199	One Pot Synthesis of PEGylated Bimetallic Gold-Silver Nanoparticles for Imaging and Radiosensitization of Oral Cancers. <b>2021</b> , 16, 7103-7121	0
198	Synthesis of Silver Nanoparticle Composites Using Calliblepharis fimbriata Aqueous Extract, Phytochemical Stimulation, and Controlling Bacterial Blight Disease in Rice.	0
197	Nanosilver Particle Production Using Juglans Regia L.(Walnut) Leaf Extract. <b>2013</b> , 8,	
196	Nanotechnology, Metal Nanoparticles, and Biomedical Applications of Nanotechnology. <b>2015</b> , 116-155	
195	The Impact of Nanotechnology on Environment. <b>2017</b> , 153-193	

- 194 Nanotechnology, Metal Nanoparticles, and Biomedical Applications of Nanotechnology. **2017**, 791-821
- 193 Applications of Gold Nanoparticles in Cancer. **2017**, 194-229
- 192 The Impact of Nanotechnology on Environment. **2017**, 1659-1689
- 191 Green synthesis and characterization of silver nanoparticles using aqueous extract of *Marsilea minuta* Linn and evaluation of its antioxidant and antibacterial activities. **2018**, 9,
- 190 Biosynthesis of silver nanoparticles using *Cananga odorata* (Lam.) Hook.f. & Thomson. Stem broth: an eco-friendly approach. **2018**, 9, 0
- 189 Green Synthesis of Metal Nanoparticles: Characterization and their Antibacterial Efficacy. **2019**, 635-680
- 188 Nanotechnological Interventions for Improving Plant Health and Productivity. **2019**, 375-395 0
- 187 Mechanism of Action of Nanopesticide Derived from Microorganism for the Alleviation of Abiotic and Biotic Stress Affecting Crop Productivity. **2019**, 119-142 2
- 186 Coconut inflorescence sap mediated synthesis of silver nanoparticles and its diverse antimicrobial properties. 1
- 185 Green Synthesis of Silver Nanoparticles Using *Hibiscus rosa-sinensis* Leaf Extract. **2019**, 9, 472-478 0
- 184 Nanoparticle-Mediated *Chaetomium*, Unique Multifunctional Bullets: What Do We Need for Real Applications in Agriculture?. **2020**, 267-300
- 183 *Pisolithus arrhizus* Ekstrakt Kullanılarak Sentezlenen Titanyum Nanopartiküllerin Antimikrobiyal Etkisi. 157-161
- 182 *Pisolithus arrhizus* Ekstrakt Kullanılarak Sentezlenen Titanyum Nanopartiküllerin Antimikrobiyal Etkisi. 157-161
- 181 Green Synthesis of Nanoparticles and Their Biomedical Applications: A Review. 17
- 180 Essential oil derived biosynthesis of metallic nano-particles: Implementations above essence. **2021**, 30, e00352 1
- 179 An overview of the phytosynthesis of various metal nanoparticles. **2021**, 11, 478 1
- 178 Ag NP Catalysis of Cu Ions in the Preparation of AgCu NPs and the Mechanism of their Enhanced Antibacterial Efficacy. **2021**, 127831 5
- 177 Green synthesis of silver nanoparticles from *Valeriana jatamansi* shoots extract and its antimicrobial activity. **2020**, 9, 715-721 3

176	Plant-mediated methods for synthesis of silver nanoparticles. <b>2022</b> , 685-706	
175	Nano-Based Materials and Their Synthesis. <b>2020</b> , 127-140	
174	Impact of Nanomaterials on Beneficial Insects in Agricultural Ecosystems. <b>2020</b> , 379-393	2
173	Green Synthesis of Nanoparticles and Their Application for Sustainable Environment. <b>2020</b> , 271-297	1
172	Green Synthesis of Nanoparticles and Their Application in Cancer Therapy. <b>2020</b> , 163-197	1
171	Effect of gold nanoparticle size on the linear and nonlinear optical properties. <b>2020</b> ,	0
170	New Insights into Application of Nanoparticles for Plant Growth Promotion: Present and Future Prospects. <b>2020</b> , 259-279	0
169	Development of Nano-formulations via Green Synthesis Approach. <b>2020</b> , 171-183	2
168	Potential Applications of Greener Synthesized Silver and Gold Nanoparticles in Medicine. <b>2020</b> , 95-126	1
167	Biogenic Nanoparticles in the Insect World: Challenges and Constraints. <b>2020</b> , 173-185	1
166	Nanoagroparticles: An Emerging Trend in Modern Agriculture System. <b>2020</b> , 207-227	0
165	Green Synthesis of Plasmonic Metal Nanoparticles and Their Application as Environmental Sensors. <b>2020</b> , 219-257	
164	Biological Synthesis of Silver Nanoparticles and their Functional Properties. 162-179	
163	Biological Synthesis of Silver Nanoparticles and their Functional Properties. 1090-1107	
162	Antimycotic Activity of Nanoparticles of MgO, FeO and ZnO on some Pathogenic Fungi. 1289-1299	
161	Strategies, Challenges, and Advancement in Immobilizing Silver Nanomaterials. <b>2021</b> , 597-643	
160	Green nanogold activity in experimental breast carcinoma in vivo. <b>2020</b> , 40,	2
159	Chitosan Conjugate of Biogenic Silver Nanoparticles. 273	

158	Nanotechnology as a Novel Approach in Combating Microbes Providing an Alternative to Antibiotics.. <b>2021</b> , 10,	10
157	Fruit Derived Potentially Bioactive Bioengineered Silver Nanoparticles. <b>2021</b> , 16, 7711-7726	6
156	Eco-friendly synthesis of zinc oxide nanoparticles using Rivina humilis leaf extract and their biomedical applications. <b>2021</b> ,	0
155	Green synthesis of molybdenum-based nanoparticles and their applications in energy conversion and storage: A review. <b>2021</b> ,	2
154	Antibacterial greener silver nanoparticles synthesized using Marsilea quadrifolia extract and their eco-friendly evaluation against Zika virus vector, Aedes aegypti. <b>2021</b> , 10, 742-755	1
153	Comparative evaluation of chemically and green synthesized zinc oxide nanoparticles: their in vitro antioxidant, antimicrobial, cytotoxic and anticancer potential towards HepG2 cell line. 1	0
152	Synthesis of gold nanoparticles using silk sericin as a green reducing and capping agent. <b>2022</b> , 164, 110960	2
151	Silver nanomaterials sensing of mercury ions in aqueous medium. <b>2022</b> , 456, 214363	3
150	GREEN SYNTHESIS OF NICKEL NANOPARTICLES USING PEUMUS BOLDUS KOCH. EXTRACT AND ANTIBACTERIAL ACTIVITY.	0
149	Characterisation of ZnO nanoparticles prepared using aqueous leaf extracts of Chromolaena odorata (L.) and Manihot esculenta (Crantz). <b>2022</b> , 118,	0
148	Biochemical and molecular mechanism of plant mediated synthesis of silver nanoparticles [A review. <b>2022</b> , 19,	4
147	Synthesis of silver nanoparticles from Turbinaria ornata and its antibacterial activity against water contaminating bacteria. 1	0
146	Peltophorum pterocarpum leaf extract mediated green synthesis of novel iron oxide particles for application in photocatalytic and catalytic removal of organic pollutants. 1	2
145	Surface plasmon resonance allied applications of silver nanoflowers synthesized from leaf extract.. <b>2022</b> ,	4
144	Synthesis, Characterization and Biomedical Application of Silver Nanoparticles.. <b>2022</b> , 15,	11
143	Hybridization of green synthesized silver nanoparticles with poly(ethylene glycol) methacrylate and their biomedical applications.. <b>2022</b> , 10, e12540	1
142	Zero-Valent Iron and Some Other Nanometal Particles for Environmental Remediation. <b>2022</b> , 1	
141	Black pepper (Piper nigrum) fruit-based gold nanoparticles (BP-AuNPs): Synthesis, characterization, biological activities, and catalytic applications [A green approach. <b>2022</b> , 11, 11-28	0

140	Phyto-Nanofabrication. <b>2022</b> , 51-76	
139	Cost-effective biogenic-production of inorganic nanoparticles, characterizations, and their antimicrobial properties. <b>2022</b> , 265-290	
138	Synthesis and effective performance of Photocatalytic and Antimicrobial activities of Bauhinia tomentosa Linn plants using of gold nanoparticles. <b>2022</b> , 123, 111945	5
137	Green nanomaterials as photocatalysts: Current trends. <b>2022</b> , 255-307	0
136	Coating of wallpaper with green synthesized silver nanoparticles from Passiflora foetida fruit and its illustrated antifungal mechanism. <b>2022</b> , 112, 177-182	2
135	Biosynthesis of Silver Nanoparticles by Polysaccharide of Leucaena leucocephala Seeds and Their Anticancer, Antifungal Properties and as Preservative of Composite Milk Sample. <b>2022</b> , 2022, 1-16	2
134	Comparative study of one pot synthesis of PEGylated gold and silver nanoparticles for imaging and radiosensitization of oral cancers. <b>2022</b> , 194, 109990	1
133	Extensive study on plant mediated green synthesis of metal nanoparticles and their application for degradation of cationic and anionic dyes. <b>2022</b> , 17, 100624	4
132	Tree gum-based nanostructures and their biomedical applications. <b>2022</b> , 383-407	
131	Integrated Biotechnological Interventions in Textile Effluent Treatment. <b>2022</b> , 1357-1373	
130	Computational modelling and microfluidics as emerging approaches to synthesis of silver nanoparticles [A review]. <b>2022</b> , 135178	3
129	Structural, optical and antimicrobial characteristics of ZnO green nanoparticles. <b>2022</b> , 101, 401	1
128	Bio-based multifunctional nanomaterials: Synthesis and applications. <b>2022</b> , 129-166	
127	Green Synthesis of Silver Nanoparticles Using Abutilon theophrasti Leaves and their Photocatalytic Activity for Water Treatment. <b>2022</b> , 63-73	
126	Green synthesis of silver nanoparticles using Hibiscus sabdariffa leaf extract and its cytotoxicity assay. 1-11	1
125	Natural Sources of Plant Secondary Metabolites and the Role of Plant Polyphenols in the Green Photosynthesis of Metallic Nanoparticles. <b>2022</b> , 47-75	
124	A Compendious Prospective about Biogenesis of Nanoparticles and their Persuasions. <b>2022</b> , 34, 793-806	
123	Green Nanotechnology: Plant-Mediated Nanoparticle Synthesis and Application.. <b>2022</b> , 12,	8

122	Plant-Based Synthesis of Gold Nanoparticles and Theranostic Applications: A Review.. <b>2022</b> , 27,	3
121	Phyto-Assisted Assembly of Metal Nanoparticles in Chitosan Matrix Using Leaf Extract and Its Application for Catalytic Oxidation of Benzyl Alcohol.. <b>2022</b> , 14,	1
120	Phytochemicals Mediated Synthesis of AuNPs from and Their Characterization.. <b>2022</b> , 27,	1
119	Exploring Dose-Dependent Cytotoxicity Profile of Mediated Green Synthesized Silver Nanoparticles against MDA-MB-231 Breast Carcinoma.. <b>2022</b> , 2022, 3863138	3
118	Evaluation of synthesized inorganic nanomaterials Plumeria alba against Aedes aegypti and in vivo toxicity. <b>2022</b> , 1-14	0
117	Larvicidal activity of leaf extract of Nerium oleander L. and its synthesized metallic nanomaterials on dengue vector, Aedes aegypti . <b>2022</b> , 52, 148-158	0
116	Formation, antimicrobial activity, and biomedical performance of plant-based nanoparticles: a review.. <b>2022</b> , 1-41	1
115	Spectroscopic Study of Phytosynthesized Ag Nanoparticles and Their Activity as SERS Substrate. <b>2022</b> , 10, 129	1
114	Anticarcinogenic Potentials of Silver Oxide Nanoparticles Synthesized from Lagerstroemia Indica.	0
113	Biosynthesis of silver nanoparticles from Pseudomonas fluorescens and their antifungal activity against Aspergillus niger and Fusarium udum.	0
112	Green nickel/nickel oxide nanoparticles for prospective antibacterial and environmental remediation applications. <b>2022</b> , 48, 8331-8340	11
111	Electrospun Ag-decorated reduced GO-graft-chitosan composite nanofibers with visible light photocatalytic activity for antibacterial performance.. <b>2022</b> , 134436	3
110	Synthesis of copper oxide nanoparticles using capsular polymeric substances produced by Bacillus altitudinis and investigation of its efficacy to kill pathogenic Pseudomonas aeruginosa. <b>2022</b> , 11, 100294	1
109	Green Synthesis and Characterization of Copper Nanoparticles Using Leaves.. <b>2021</b> , 13,	5
108	Hybridization of Gold Nanoparticles with Poly(ethylene glycol) Methacrylate and Their Biomedical Applications. <b>2021</b> , 95, 2619-2631	0
107	Antifungal, Antibacterial, and Cytotoxic Activities of Silver Nanoparticles Synthesized from Aqueous Extracts of Mace-Arils of .. <b>2021</b> , 26,	3
106	Green synthesis of ZnS nanoparticles using allium sativum l. extract and study of their structural, optical and electrical properties. <b>2022</b> , 19, 203-216	1
105	Biosynthesis and characterization of silver nanoparticles prepared using seeds of Sisymbrium irio and evaluation of their antifungal and cytotoxic activities. <b>2022</b> , 11, 478-491	0

104	A Review on Silver and Zinc Oxide Nanoparticles as Antimicrobial Agents in Water Treatment Technologies.	0
103	Green Synthesis of Zinc Oxide Nanoparticles from <i>Coriandrum sativum</i> and Their Use as Fertilizer on Bengal Gram, Turkish Gram, and Green Gram Plant Growth. <b>2022</b> , 2022, 1-14	2
102	Plant Extracts Mediated Metal-Based Nanoparticles: Synthesis and Biological Applications. <b>2022</b> , 12, 627	3
101	Biofabrication of Silver Nanoparticles and Current Research of Its Environmental Applications. <b>2022</b> , 2022, 1-11	1
100	Bioengineered and biocompatible silver nanoparticles from <i>Thalictrum foliolosum</i> DC and their biomedical applications. 1	0
99	Comparative study of green synthesised sulphur nanoparticles in different acidic media. <b>2022</b> , 13, 025003	
98	Green Synthesis of Phosphorous-Containing Hydroxyapatite Nanoparticles (nHAP) as a Novel Nano-Fertilizer: Preliminary Assessment on Pomegranate ( L).. <b>2022</b> , 12,	2
97	Antimicrobial power of biosynthesized Ag nanoparticles using refined <i>Ginkgo biloba</i> leaf extracts. <b>2022</b> , 16,	
96	Enhancement of antibacterial activity of sinigrin-capped silver nanoparticles in combination with myrosinase. <b>2022</b> , 10, 107796	1
95	Synthesis and Characterization of Molybdenum Oxide Nanoparticles by Green Method Useful in Antifungal Applications Against <i>Colletotrichum Gloeosporioides</i> . <b>2022</b> , 12, 1071-1079	0
94	Optimized synthesis of mono and bimetallic nanoparticles mediated by unicellular algal (diatom) and its efficiency to degrade azo dyes for wastewater treatment. <b>2022</b> , 303, 135068	0
93	Biomedical applications of novel green AgNPs synthesized from endophytic bacteria <i>Cronobacter sakazakii</i> . 1-11	0
92	Microwave-Assisted Biosynthesized Gold Nanoparticles Using <i>Saussurea obvallata</i> : Biocompatibility and Antioxidant Activity Assessment.	
91	Detection of $\beta$ -Lactam Antibiotics Based on Conjugated Antibody with Gold Nanorods by Localized Surface Plasmon Resonance Spectrometer.	
90	A Review on Green Synthesis of Silver Nanoparticles and its Role Against Cancer.. <b>2022</b> , 22,	0
89	Synthesis of Nanomaterials by Biological Route. <b>2022</b> , 77-119	0
88	Direct synthesis of lemongrass ( <i>Cymbopogon citratus</i> L.) essential oil-silver nanoparticles (EO-AgNPs) as biopesticides and application for lichen inhibition on stones. <b>2022</b> , 8, e09701	1
87	Facile biomimetic synthesis of AgNPs using aqueous extract of <i>Helichrysum arenarium</i> : characterization and antimicrobial activity. 1-12	0



- 86 Optimization and bio genic synthesis of silver nanoparticle from psychotria octosulcata w.a talbot and its in vitro anti-inflammatory application.
- 85 Photocatalytic and Antioxidant Studies of Bioinspired ZrO<sub>2</sub> Nanoparticles Using Agriculture Waste Durva Grass Aqueous Extracts. **2022**, 100112
- 84 A Novel Microwave Assisted Green Synthesis of Copper Nanoparticles Using Citrus Limon and Its Application for Antibacterial and Antifungal Activity.
- 83 Ipomoea quamoclit L. Leaf Extract Assisted Synthesis of Silver Nanoparticles: Study of its Application on Catalytic Degradation of Dyes and Antibacterial Efficacy. **2022**, 34, 2074-2080
- 82 Green Synthesis of Metallic Nanoparticles for Biofuel Production. **2022**, 51-77
- 81 Fungi-Mediated Green Synthesis of Nanoparticles and Their Renewable Energy Applications. **2022**, 201-224
- 80 Green-synthesis and characterization of novel ZnO: Ago: TiO<sub>2</sub> nanocomposite for antibacterial activity. **2022**,
- 79 Green Synthesis of Metallic Nanoparticles and their Biomedical Applications. **2022**, 1-26
- 78 Review on Green Synthesis of Nanoparticles using Various Strong Electrolytic Metal Solutions Mediated by Various Plant Parts. **2022**, 8, 960-966
- 77 Structural and bioactive properties of iron sulfide nanoparticles synthesized by Green-route. **2022**,
- 76 On Recent Developments in Biosynthesis and Application of Au and Ag Nanoparticles from Biological Systems. **2022**, 2022, 1-19 ○
- 75 Green Synthesis of Gold Nanoparticles Using Extract of Pistacia chinensis and Their In Vitro and In Vivo Biological Activities. **2022**, 2022, 1-11 ○
- 74 Green synthesis of silver nanoparticles using Acacia leucophloea in the presence of cetyltrimethylammonium bromide and their antibacterial activity. **2022**, 300, 835-849
- 73 Evaluation of antibacterial and antifungal properties of Lonicera japonica Thunb . Leaves mediated silver nanoparticles and mechanism investigation. ○
- 72 Recent trends and advancements in synthesis and applications of plant-based green metal nanoparticles: A critical review. ○
- 71 Green synthesis of novel stable biogenic gold nanoparticles for breast cancer therapeutics via the induction of extrinsic and intrinsic pathways. **2022**, 12, ○
- 70 Biogenic green synthesis of gold nanoparticles and their applications [A review of promising properties. **2022**, 143, 109800 ○
- 69 Eco-Friendly Biosynthesis of Tio<sub>2</sub> Nanoparticles Using Desmostachya Bipinnata Extract: Larvicidal and Pupicidal Potential Against Aedes Aegypti and Spodoptera Litura and Acute Toxicity in Non-Target Organisms.

- 68 Effects of Reaction Temperature on the Antibacterial Activity of Silver Nanoparticles Synthesized from *Psidium guajava* Leaf Extract. 58, 67-74
- 67 Biologically Derived Gold Nanoparticles and Their Applications. **2022**, 2022, 1-13 ○
- 66 Green synthesis of copper oxide and manganese oxide nanoparticles from watermelon seed shell extract for enhanced photocatalytic reduction of methylene blue. 1-10
- 65 Progress in the synthesis, characterisation, property enhancement techniques and application of gold nanoparticles: A review. ○
- 64 Biosynthesis of *Eudrilus eugeniae* vermi wash based enzyme decorated copper oxide nanoparticles towards seed germination of green gram. **2022**, 9, 100343 ○
- 63 Emerging perspectives of plant-derived nanoparticles as effective antimicrobial agents. **2022**, 145, 110015 1
- 62 Green synthesis of gold and silver nanoparticles: Updates on research, patents, and future prospects. **2022**, 8, 100076 4
- 61 Advances in Nanobiotechnology as Sustainable Solutions for Insect Pest Management. **2022**, 421-455 ○
- 60 Electrochemical Sensing and Biomedical Applications of Green Nanomaterials. **2022**, 1-24 ○
- 59 Biological Synthesis of Metallic Nanoparticles and Their Application in Photocatalysis. **2022**, 213-245 ○
- 58 Antioxidant and Antimicrobial Synergistic Properties of Silver Nanoparticles Synthesized with Leaf extract of *Pennisetum purpureum*. ○
- 57 Green Synthesis and Applications of Silver Nanoparticles: A Systematic Review. 247234442211198 2
- 56 Biogenic Selenium Nanoparticles and Their Anticancer Effects Pertaining to Probiotic Bacteria: A Review. **2022**, 11, 1916 ○
- 55 Evaluation of the Antimicrobial, Antioxidant, and Cytotoxicity Against MCF-7 Breast Cell Lines of Biosynthesized Vanadium Nanoparticles. ○
- 54 Synergistic effect of copper, silver nanoparticles and hydrogen peroxide on *Xanthomonas axonopodis* pv. *punicae*. **2022**, ○
- 53 Metallic and metal oxide-derived nanohybrid as a tool for biomedical applications. **2022**, 155, 113791 1
- 52 Ovicidal and miracidial activities of *Calotropis procera* and its green-synthesized nanotized derivative: A quest for new antifasciola agents. **2022**, 236, 106700 ○
- 51 Manufacturing of NPK nano fertilizer and its effect on growth and of cut flowers production in two types of *Rosa* spp. 197-202 ○

50	Bioengineered Metallic Nanomaterials for Nanoscale Drug Delivery Systems. <b>2022</b> , 187-225	0
49	Synthesis of silver-based plasmas by plant extracts for in vitro PTT/PDT/CT synergistic antitumor therapy. 2200159	0
48	Recent Advances in Plant-Mediated Zinc Oxide Nanoparticles with Their Significant Biomedical Properties. <b>2022</b> , 9, 541	5
47	Hematological and histopathological impacts of nano-emamectin benzoate against the larvae of the cotton leafworm, <i>Spodoptera littoralis</i> (Boisduval) (Lepidoptera: Noctuidae) under laboratory conditions. <b>2022</b> , 11,	0
46	Insights into the mapping of green synthesis conditions for ZnO nanoparticles and their toxicokinetics.	0
45	MHD Pulsatile Flow of Blood-Based Silver and Gold Nanoparticles between Two Concentric Cylinders. <b>2022</b> , 14, 2254	1
44	Synthesis of Silver Nanoparticles using Hydroalcoholic Extract of <i>Prunus Mahaleb</i> (Mahaleb Cherry) and <i>Malus Purpurea</i> (Blutapfel). <b>2022</b> , 18, 39-42	0
43	<i>Delphinium uncinatum</i> mediated biosynthesis of Zinc Oxide nanoparticles and in-vitro evaluation of their antioxidant, cytotoxic, antimicrobial, anti-diabetic, anti-inflammatory, and anti-aging activities. <b>2022</b> , 103485	1
42	Green in situ synthesis of Ag- and Cu-based nanoparticles on viscose fabric using a <i>Punica granatum</i> peel extract. <b>2023</b> , 611, 155612	0
41	Green Chemistry Based Synthesis of Zinc Oxide Nanoparticles Using Plant Derivatives of <i>Calotropis gigantea</i> (Giant Milkweed) and Its Biological Applications against Various Bacterial and Fungal Pathogens. <b>2022</b> , 10, 2195	2
40	Prospects of biosynthesized nanoparticles in treating pharmaceutical wastewater in relation to human health. <b>2023</b> , 75-120	0
39	Green synthesis of gold nanoparticles and their biomedical and healthcare applications. <b>2023</b> , 191-229	0
38	Applications of plant-derived metal nanoparticles in pharmaceuticals. <b>2023</b> , 219-242	0
37	Role of plant and microbe-derived nanoparticles in medical waste management. <b>2023</b> , 121-166	0
36	Aloe leaf extract and microwave assisted green synthesis of gold nanoparticles and its catalytic activity on reductive degradation of methyl red. <b>2022</b> ,	0
35	Antimicrobial and Antioxidant Potential of Silver Nanoparticles Synthesized from <i>Primula vulgaris</i> .	0
34	Effects of Different Parts of the Okra Plant ( <i>Abelmoschus esculentus</i> ) on the Phytosynthesis of Silver Nanoparticles: Evaluation of Synthesis Conditions, Nonlinear Optical and Antibacterial Properties. <b>2022</b> , 12, 4174	1
33	Biological synthesis of hybrid silver nanoparticles by <i>Periploca aphylla</i> Dcne. From nanotechnology to biotechnology applications. 10,	0

- 32 *Alocasia odorata*-mediated synthesis of silver nanoparticles, their cytotoxicity, and virucidal potential. **2023**, 107, 111-123 ○
- 31 Green Synthesis of Silver Nanoparticles Using *Spilanthes acmella* Leaf Extract and its Antioxidant-Mediated Ameliorative Activity against Doxorubicin-Induced Toxicity in Dalton's Lymphoma Ascites (DLA)-Bearing Mice. **2022**, 7, 44346-44359 ○
- 30 Evaluation of *Polycladia myrica* mediated selenium nanoparticles (PoSeNPS) cytotoxicity against PC-3 cells and antiviral activity against HAV HM175 (Hepatitis A), HSV-2 (Herpes simplex II), and Adenovirus strain 2. 9, ○
- 29 Demonstration of effectiveness: plant extracts in the tuning of BiOX photocatalysts' activity. **2022**, ○
- 28 Synthesis and characterization of plant extracted silver nanoparticles and advances in dental implant applications. **2022**, 8, e12313 ○
- 27 Synthesis of Silver Nanoparticles with Environmental Applications. **2022**, 1-23 ○
- 26 Biosynthesis of gold and silver nanoparticles using *Senna alexandrina* Miller extract against *Culex pipiens* L. (Diptera: Culicidae). ○
- 25 Highly enhanced mechanical, electrical, and thermal properties of carbon nanotubes/biologically produced silver nanoparticles/epoxy composites. ○
- 24 Bioremediation of Hazardous Wastes Using Green Synthesis of Nanoparticles. **2023**, 11, 141 ○
- 23 Green synthesis of silver nanoparticles from peel extract of *Chrysophyllum albidum* fruit and their antimicrobial synergistic potentials and biofilm inhibition properties. ○
- 22 Green synthesized nanomaterials for drug delivery. **2023**, 319-338 ○
- 21 Silver and gold nanoparticles: Promising candidates as antimicrobial nanomedicines. **2023**, 329-354 ○
- 20 Green synthesized nanomaterials for bioimaging. **2023**, 265-286 ○
- 19 Nanomaterials originated from microbes for the removal of toxic pollutants from water. **2023**, 347-363 ○
- 18 Nanobiotechnological approaches in anticoagulant therapy: The role of bioengineered silver and gold nanomaterials. **2023**, 256, 124279 ○
- 17 Green Synthesis of Gold Nanoparticles Using *Pithecellobium dulce* Leaf Extract and its Biological Activities. ○
- 16 Selective picomolar detection of carcinogenic chromium ions using silver nanoparticles capped via biomolecules from flowers of *Plumeria obtusa*. **2023**, 380, 121705 ○
- 15 Green synthesis of Ag@ZnO nanocomposites using *Cassia Alata* leaf extract and surfactant complex for photodegradation of Rhodamin6G. **2023**, 151, 110635 ○

- 14 Green Synthesis of Photocatalysts and its Applications in Wastewater Treatment. **2023**, 71-108 ○
- 13 Field evaluation of the efficacy of copper nanoparticles against mites associated with orange trees. **2023**, 84, ○
- 12 Biosensing and anti-inflammatory effects of silver, copper and iron nanoparticles from the leaf extract of *Catharanthus roseus*. **2023**, 12, ○
- 11 Green synthesis of copper nanoparticles and their evaluation for antimicrobial activity and bio-compatibility. **2023**, ○
- 10 An Overview of Comet Assay Application for Detecting DNA Damage in Aquatic Animals. **2023**, 13, 623 ○
- 9 Green Synthesis of Electrochemically Active Silver Nanoparticles. **2023**, 39, 82-94 ○
- 8 Toxicological Aspects, Safety Assessment, and Green Toxicology of Silver Nanoparticles (AgNPs) Critical Review: State of the Art. **2023**, 24, 5133 1
- 7 Investigation on anti-quorum sensing activities of Chitosan AgNP-chitosanase against MDR pathogens. ○
- 6 Green synthesis of silver nanoparticles and its applications as sensor, catalyst, and antibacterial agent. **2023**, ○
- 5 Synthesis of silver nanoparticles by green method using *ligustrum sinense* to study their structural and photoluminescence properties. **2023**, 7, 52-59 ○
- 4 Environmentally benign synthesis of bioconjugate materials. **2023**, ○
- 3 Recent advances in the biomolecules mediated synthesis of nanoclusters for food safety analysis. **2023**, e15655 ○
- 2 Nano-biomaterials for therapeutic and diagnostic applications. **2023**, 617-649 ○
- 1 Effect of Different Ratios of *Mentha spicata* Aqueous Solution Based on a Biosolvent on the Synthesis of AgNPs for Inhibiting Bacteria. **2023**, 2023, 1-10 ○