

Annual Keyword Index

16sRNA sequencing	643,869	Antioxidation	404	Bioplastics	631
2,3-Oxidosqualene	651	Antipsychotics	760	Biopolymer	557,643
2019-nCoV	426	Apoptosis	389	Biorefinery	548
Abiotic stress	617	Apple waste	138	Bioremediation	344,578,617
ACC deaminase	115	Aquaculture	360	Biosupport catalyst	803
Acclimatization	869	Aquarium	254	Black creeper	172
Acetyl cholinesterase (AChE) activity	212	Aquatic pollution	344	Black Cumin	699
Acetylcholinesterase	14,396	Arbuscular mycorrhizal fungi (AMF)	730	Black pepper	181
Acid blue 113	212	ARDS	297	Blood pressure	39
Actinobacteria	0861	Arjuna tree	306	<i>Bothriocephalus acheilognathi</i>	788
Acute kidney injury (AKI)	819	Aromatic cytokinin	314	Box-Behnken design	563
Adenoscolex oreini	788	<i>Artocarpus heterophyllus</i>	8759	BPV infection	597
Adenylate concentration	07	Ascorbate glutathione	323	Brood cells	655
Aerobic biotransformation	344	Ascorbate peroxidase	617	Broodstock feed	360
Age composition	498	Ascorbic acid	206	Buffalo	81
Agro waste	8759	Ashwagandha	381	Butrylcholinesterase	396
Ahaggar nomads	122	Asian stinging catfish	706	Caerulein	297
Airway hyper-responsiveness	235	Assam	643	Callus	122
Algal diversity	109	Atomic force microscopy (AFM)	617	<i>Camellia sinensis</i>	271
<i>Alium sativum</i>	452	Australian cowplant	651	Cancer therapeutics	181
Alkali treatment	578	<i>Avena sativa</i>	381	Cancer	522
Alkaloids	389	Ayurveda	172,306	Candy industry wastewater	571
<i>Allium sativum</i>	33	<i>Azadirachta indica</i>	420	Caper berry	336
Alzheimer disease	355	Azo dyes	212	<i>Carassius auratus</i>	254
Amla	420	Back propagation	584	Carbohydrate profile	738
Ammonia	115	Bacterial infection	751	Carbon source	631,643
Ammonium nitrate	138	Badacsony wine region	461	Carcinogen	578,597
Amylopectin	738	BALF	235	Cardiac roponin I	819
Amylose	738	Bare caper	336	Cariogenic factors	445
Anemia	819	Barnaby's thistle	396	Cariostatic activity	445
Anopheles minimus	64	Barnes maze	355	Carotenoid pigment	190
Anterior elytra	360	Basmati foot-rot disease	263	β -Carotene	206
Anthelmintic resistance	365	Bee colony	655	Carp	07,498
Antianalgesic	122	Beechwoodxylan	563	Cashew fruit	879
Antiasthmatic	235	Berylliosis	23	Catfish	07
Antibacterial	306	Beryllium body burden	23	Cattle grazing	597
Antibacterial	396,412	Beverage	271	Cattle	81
Antibiofilm agent	527	Bioaccumulation	578	β -CD	314
Antibiosis	95	Biochemical characterization	276	Cell cycle arrest	699
Anticancer activity	249	Bioconcentration factor	794	Cell death	680
Anticancer	389	Biocontrol agents	115	Cellular uptake	515
Anticancer	680	Biodecolourization	344	Central composite design (CCD)	584
Antidiabetic	172,420	Biodegradability	8759	CEV	254
Antifungal	263,396,412	Biodegradable plastics	631	Cheese whey	631
Antihyperglycemic	172	Biodegradation	557,584,869	Chemical fertilizers	730
Anti-inflammatory	122	Biodiversity	109	Chemotherapeutic	389
Anti-inflammatory	389	Bioeffluents	631	Chinese cassia	381
Antimicrobial	396,412,527,751,861	Bioelectricity	571	Chinese herb	235
Antioxidant activity	131	Biofertilizer	508	Chitinase	115
Antioxidant enzymes	323	Biofilm formation	445	Chlorination	474
Antioxidant	33,151,198, 206, 706,770,794	Bioinoculants	115	Chromium	722
		Bioleaching	219	Chronic Beryllium Disease (CBD)	23
		Biomass feedstock	548	Chymotrypsin	396

Cinnamon	242,381	Environmental impact assessment	794	Hemolymph	751
CKD	819	Erythrocyte membrane	00	Hemolysis	420
<i>Clarias gariepinus</i>	07	European honey bee	655	Hepatoprotection	151
<i>Clupea harengus</i>	07	Exoelectrogens	571	Hepatotoxicity	33,597
<i>Cnidium monnieri</i>	235	Experimental transmission	254	Herbal	122,172,323,381,420,770
COD removal efficiency	571			Herring	07
Cold-adapted bacteria	190	Fermentation	557	Hexaconazole	271
Coliforms	474	Fibroma	597	High altitude soil	563
Companion	271	Fishery	848	Holi basil	381,420
Conidia	45	Flocculating activity	539	Homeostasis	420
Continuous enrichment	869	Floral yield	730	Host-plant resistance	95
Coral reef ecosystem	109	Flowering	661	HSP-70	297
<i>Coriandrum sativum</i>	474	Flowering	730	Hypersensitive C-reactive protein	819
<i>Corynebacterium variabile</i>	571	Fluoride-alcohol interactions	14	Hypomelanism	64
Cotyledonary node	314	Fluoroquinolones	527		
Cretan brake	597	Fluviatilil Complex	64	IBD	306
Crohn's disease	81	Folk medicine	770	Immune response	714,751
Crown flower	578	Folklore	389	Immunomodulatory	389
Crystallization	508	Follicle stimulating hormone (FSH)	493	Immunoreactivity	88
Culinary	242,286	Food additives	487	Impaired glucose tolerance	452
Culinary	323	Food Industry	557,563	Indian curry leaf	286
CuNPs	58	Forest ecosystem	0861	Indian ginseng	381
<i>Curcuma longa</i>	181	Fragmented antibody	680	Indian gooseberry	420
Curved Flower Chasalis	389	Free radicals	39,242	Indian major carp	07,498
Cutaneous leishmaniasis	699	Frog fruit	691	Indian spices	242, 286
Cutch tree	381	Fry cubes	206	Industrial pollution	508, 578, 584
CVD	375	Fungicides	271	Inflammation	122,161,297
CyclicAMP Receptor Protein (CRP)	69			iNOS expressionin	437
<i>Cyprinus carpio communis</i>	788	GCMS analysis	869	Insulin resistance	452
<i>Cyprinus carpio koi</i>	254	Gene expression	527	Interleukins	33
<i>Cyprinus carpio</i>	07	Gentian root	609	Internal Transcribed Spacer	109
Cysteine	617	Gentiopicroside	609	Invasive species	109
Cytokines	33	Germination	58	Ion regulation	404
Cytotoxicity	306,680	Giant milkweed	578	Iron tolerance	617
		<i>Gibberella fujikuroi</i>	45	Isopentenyl pyrophosphate	651
DAPG	412	GIT infection	365	IVT assay	69
Deadhearts	95	<i>Gliocladium virens</i>	271		
Dementia	355	Glucose transporters	172	Jal bhuti	691
Dental caries	445	Glucose utilization	172	JNK pathway inhibition	437
Depression	760	GLUT	172	Johne's Disease	81
Devil's Claws	770	Glutathione	33	Jun N-terminal kinase (JNK) pathway	818
D-GalN	161	Glycation	452		
Diabetes mellitus	151,375,818	Glycemic response	830	Kairomone	53
Diabetic erythrocyte deformability	617	Glycosyltransferase inhibition	445	Kani tribe	161
Dietary regulation	830	<i>Glycyrrhiza glabra</i>	381	Karira	336
Dietary supplements	151	Goat	81	Keerikkizhangu	522
Diethyl sulfate (DES)	219	Goldblatt hypertension	39	Kéknyelű grape variety	461
Diplozoon	00	Golden star thistle	396	Khar	487
Diversity Divergence	276	Goldfish	254	Kidney disease	770
DNA fragmentation assay	691	Gonadal hormone	706	Kidney	23
DOHaD concept	212	Grapes	461	<i>Klebsiella</i> spp.	0853
DPPH	396	Green gram	344	Koi sleepy disease	254
Drug delivery	515	Green synthesis	336	Kottavalli	161
Dry cubes	206	Greens	474		
Dye industry	869	Gurmar	651	<i>Labeo rohita</i>	254
		Gymnema	651	Laccase production	584
Effluent treatment	508			Lactate dehydrogenase assay	249
Effluents	722	Haemonchosis	365	Lambs	365
Efflux pump inhibitors	527	Halotolerance	190	LDH leakage	249
Electroantennogram (EAG)	53	HCN	115	Lignocellulose	548
Embryonic development	212	Heavy metals	578,617,722	lipids/proteins	617
Entrapment	803				

Lipophilic metabolites	95	Nennalvalli	161	Ploidy	314
Liquorice	381	Nephroprotective	691	Poison food assay	263
Liver disorder	161	Nephrotoxic	597	Pollution	212,722
Liver	23	Neurodegenerative phenotypes	212	Polychaetes	360
Livestock	365	Neuroprotection	151	Polyol pathway	452
Livestock	81	Nicotiana tabacum	381	Polyphenols	445
Loading efficiency	803	Nicotinamide	172	<i>Pomphorhynchus kashmirensis</i>	788
Loganic acid	609	Nile tilapia	714	Pour Plate method	0853
Long pepper	181	Nitric oxide	437	Probiotic	714
Luteinizing hormone (LH)	706	Nitrogen source	631	Professional identity	426
Luteinizing hormone	493	Noncommunicable disease (NCD)	522	Programmed cell death	699
LVEF	375	Non-protein thiol	617	Proline	617
Lymphoma	181	Northeast India	563	Promastigotes	699
		Northeast India	643	Propiconazole	271
Macrophoma sp.	271	Nosocomial infection	527	Protein extraction	487
Malaria vectors	64	Nursing students	426	Proteome analysis	487
MALDI-TOF	190	Nutraceuticals	842	Pseudomonas cepacia	803
Mallus domestica	138	Nutraceuticals	131	Psychrophile	190
Malondialdehyde	33	Oat	381	Ptaquiloside	597
MAP	81	Obesity	818	PTOX	777
MAPG	412	<i>Ocimum tenuiflorum</i>	420	Puhana	58
Marine pollution	794	Okadaic acid	355	Purposive sampling	426
Mass culture	777	Olfactory response	53	Putrescine	777
MATE family	527	Operon	412	Radioiodination	680
Mayapple, Indian	777	Optimization	557,563	Radioprotection	842
MDR pump	527	<i>Oreochromis niloticus</i>	714	Reactive oxygen species (ROS)	198,617
Meat	365	Organic pollutant	584	Recombinant SSA	818
Media Engineering	557	<i>Oryza sativa</i>	45,151	Redox stress	420
Melanization	751	Osmotic adjustment	404	Remediation potential	722
Mentha spicata	474	Oxidative stress	23,39,198,212,242,452	Renewable energy resources	571
Metabolic syndromes	493	OxOx activity	58	Reproductive toxicity	706
Metal sulphide	219	oxy-Hb	420	Resistant starch	738
Metal toxicity	58	Parboiled whole red rice	151	Respiratory droplets	426
Metanilic acid	212	Partial purification	0861	Retinopathy	452
Microbial contamination	336	Pattuvalli	161	Reverse osmosis	508
Microbial decontamination	474	PCA analysis	714	Rheology	539
Minimus Complex	64	PCOS	493	RhoA/ROCK2 signaling	375
Mint leaves	122	PCR-RFLP	365	Rice	45
Mint	131	Pentose sugars	879	Rohu	254
Mint	474	Peppermint	131	ROS	39
Mite resistance	655	Peyer's patches	597	RSM	548, 563, 584
Molasses	631	PGPR	115,412	Rutin	691
Molecular docking	344	PHB production	631,643	Saccharomyces	461
Molecular markers	286	phbC	643	Salinity	323
Monnier's snowparsley	235	Phenol, Total	206	Salinization	404
Morel Mushroom mycelium	842	Phenolic components	487	Sapota	661
Mosquitoes	64	Phenoloxidase	751	SARS-CoV-2	426
Mrigal	498	Phenylalanine	131	Scale carp	788
mRNA expression	297	phIABCD	412	Schizophrenia	760
Mung bean	344	Phloroglucinol	412	<i>Schizothorax plagiostomus</i>	788
Muscle tissue	848	Photoprotection activity	190	Semiochemical	53
Musk willow	198	Pineapple	879	Serum amyloid A proteins	818
Must microflora	461	<i>Piper longum</i>	181	Serum biomarker	770
MVA pathway	651	<i>Piper nigrum</i>	181	Serum creatinine	819
Mycobacterium avium	81	Plackett-Burman design	548, 563	Serum FSH	706
subspecies paratuberculosis		Plant growth regulators	314,661	She Chuang Zi	235
Myconanoparticles	263	Plantain peels	879	Sheep	81
		Plasmid curing	115	Shelf life	474
Naini	498	Plastics	643	Shoot production	777
Naphthalene sulfonic acid	212				
Neem	420				

Siachen Himalayas	190	Sweroside	609	URP primers	45
Siderophore	115	Swertiamarin	609	UV visible spectroscopy	515
Sludge	508	Terroir yeasts	461	Vallabhsagar reservoir	498
Snow rout	788	Textile dyes	212	Vector control	64
Soil biotechnology	508	Textile effluent	869	Venom	122
Sorghum vulgare	58	Th1/Th2 cytokines	235	Vero cells	515
Sorghum	404	The poison devil's-pepper	88	Vigna radiate	344
Spermidine	777	Thyme	323	Waste management	8759
Spice	242,286	Tobacco de-addiction	381	Wastewater treatment	508,571
Spinach	474	Toll-like receptor	235	Water holding capacity	539
Spinacia oleracea	474	Total reducing sugars	879	Western Ghats	0861
Sponges	249	Traditional medicine	286,306	Western honey bee	655
Spotted stem borer	95	Transesterification	803	Whole red rice	151
Squalene	651	Tributyltin	07	Wight's Twisted Arum	522
Starch dilemma	830	<i>Trichoderma</i> spp.	263	<i>Withania somnifera</i>	381
Starter yeast selection method	461	Tricure	271	XTT assay	249
Streptomyces coelicolor	344	tufA	109	Yellow gentian	609
Streptozocin	375	Tulsi	381,420	Yellow star thistle	396
Streptozotocin	172	Tumor	181,522,597	<i>Zea mays</i>	738
Stress	323	Turmeric	181,242	Zygotic embryo	777
Stress	426	Ukai dam	498		
Structural alerts	609	UPGMA	276		
Sustainable development	508, 571				