Frequency of Keyword Totals - (All LE Regents Exams)

KEYWORD	COUNT
ecosystem	58
DNA	48
photosynthesis	43
human impact	42
gene expression	39
genetic engineering	39
homeostasis	34
data analysis	33
food web	30
natural selection	30
mutation	27
asexual reproduction	25
biodiversity	24
enzyme	24
evolution pathway	22
ATP	21
adaptation	20
evolution	20

KEYWORD	COUNT
energy pyramid	19
graph	19
scientific method	19
decomposer	18
clone	17
diffusion	16
ecological succession	16
genetic variation	16
mitosis	16
placenta	16
selective breeding	16
carrying capacity	15
hypothesis	15
meiosis	15
respiration	15
succession	15
cell membrane	14
feedback	14
human activities	14
cell structure	13
competition	13
extinction	13
food chain	13
mitochondria	13

KEYWORD	COUNT
synthesis	13
DNA base sequences	12
global warming	12
microscope	12
population growth	12
reproduction	12
autotroph	11
differentiation	11
Galapagos Finches	11
digestion	10
dynamic equilibrium	10
ecosystem / stable	10
immune system	10
abiotic	9
embryonic development	9
gel electrophoresis	9
niche	9
stomate	9
white blood cell	9
cellular communication	8
energy transfer	8
evolutionary change	8
evolutionary relationship	8
hormone	8
organization	8
paper chromatography	8
receptor molecules	8
ribosome	8

KEYWORD	COUNT
active transport	7
chromosome / number	7
dialysis	7
diffusion / membrane	7
enzyme / substrate	7
food pyramid	7
human reproduction	7
protein	7
scientific inquiry	7
sperm	7
vaccination	7
antibiotic resistance	6
electrophoresis	6
enzyme activity / pH	6
evolutionary tree	6
organ systems	6
ovary	6
producer	6
recycling	6
vaccine	6
variation	6
acid rain	5
AIDS	5
allergy	5
antigens	5
control	5
controlled experiment	5
environmental influence	5
gene mutation	5

KEYWORD	COUNT
genetic code	5
heterotroph	5
insulin	5
meniscus	5
organelles	5
parasite / host	5
pollution / air	5
recombination	5
succession / secondary	5
uterus	5
zygote	5
amino acid sequences	4
antibodies	4
biotic factor	4
carbon dioxide levels	4
dichotomous key	4
diversity	4
ecosystem / altered	4
enzyme structure	4
evolution mechanism	4
fermentation	4
fertilization	4
fetal development	4
gametes	4
gene	4
gene splicing	4
herbivores	4
heredity	4
human growth	4
inference	4
microscope technique	4
osmosis	4
plasmolysis	4
predator / prey	4
protein shape	4
receptor sites	4
receptors	4
reproduction / female	4
reproduction / male	4
sexual reproduction	4
biological control	3
cancer	3
carbon dioxide / oxygen cycle	3
carnivore	3
catalyst / enzymes	3
chemical bonds	3
chemical message	3
chloroplast	3
chromatography	3
chromosome	3
chromosome / crossing over	3
classification	3
common ancestor	3
dependent variable	3
DNA / base pairing	3
ecology	3
ecosystem / equilibrium	3
evolution / similarities	3
experimental testing	3
finite resources	3
gene alteration	3

KEYWORD	COUNT
human systems	3
interrelationships	3
male sex organs	3
mRNA codon	3
nonrenewable resource	3
nucleus	3
oxygen concentration	3
ozone	3
pathogens	3
phagocytosis	3
population	3
predators	3
protein function	3
receptor	3
receptor / hormone	3
replication	3
reproductive success	3
species relationships	3
starch	3
survival success	3
testes	3
tissue	3
wet mount	3
absorption	2
acquired characteristic	2
amino acid chains	2
antibiotic	2
antigen / antibody	2
asexual	2
autotroph / heterotroph	2
bacteria	2
bacterial growth cycle	2
body mass index (BMI)	2
camouflage	2
cell genetics	2
cells / specialized	2
chromosome bands	2
chromosome number / diploid	2
circulatory	2
community	2
conservation	2
consumer	2
consumer / producer	2
development	2
development / organism	2
disease	2
ecology interaction	2
ecosystem / carrying capacity	2
environment stability	2
evolution theory	2
excretory system	2
gene combinations	2
genetic inheritance	2
glucose levels	2
habitat destruction	2
heart rate	2
hormones / human	2
hormones / human female	2
human activity	2
independent variable	2
industrialization	2
lab	2

KEYWORD	COUNT
lab technique	2
laboratory procedure	2
limiting factors	2
male reproduction	2
metric measurement	2
pH level	2
plant cell	2
population / environment	2
populations	2
sickle cell anemia	2
starch test / lab	2
structural similarities	2
vegetative propagation	2
waste removal	2
alternate energy	1
alternative fuel	1
bacteria / killing	1
bacterial evolution	1
bacterial reproduction	1
bar graph	1
base sequences	1
biochemical processes	1
biological organization	1
cell complexity	1
cell division	1
cell function	1
cell organization	1
cells	1
centimeter measurement	1
chemical structure	1
chemistry	1

KEYWORD	COUNT
codons	1
complex molecules	1
complexity	1
current events	1
cytoplasm	1
daphnia	1
diabetes	1
direct harvesting	1
disease transmission	1
DNA analysis	1
DNA bases	1
DNA electrophoresis	1
ecological niche	1
ecology / producers	1
embryo	1
embryology	1
energy / home	1
energy consumption	1
environmental factor	1
environmental protection	1
environmental quality	1
enzyme reaction	1
ethics	1
evolution / finches	1
evolution / genetic	1
evolution inheritance	1
fetus blood	1
fossil fuel	1
functions / specialized	1
Galapagos Islands	1
gene recombination	1
gene size	1

KEYWORD	COUNT
genetic continuity	1
genetic diversity	1
genetic resistance	1
genetics	1
geographic isolation	1
glucose test	1
greenhouse gases	1
growth curve	1
habitat stability	1
habitats	1
homeostasis / feedback	1
homologous structures	1
hormones pregnancy	1
human life cycle	1
human organs	1
human population / reducing	1
human response	1
inheritance	1
inorganic	1
key	1
leaf / starch content	1
marsupials	1
measurement	1
metabolism	1
mitosis / differentiation	1
mRNA	1
muscle cramps	1
muscle fatique	1
mutagenic chemical	1
mutation / deletion	1
mutation / recombination	1

KEYWORD	COUNT
natural predators	1
nerve cells	1
nuclear waste	1
nutrient recycling	1
organ function	1
organ transplant	1
organic chemistry	1
organism competition	1
organization / cell	1
overpopulation	1
parasite / decomposer	1
passive transport / diffusion	1
pH / blood	1
photosynthetic microbes	1
pollination	1
pollination / insect	1
population / carrying capacity	1
population equilibrium	1
population interaction	1
population size	1
positive impact	1
prions	1
pulse rate	1
reaction time	1
red cell	1
red cells / crenated	1
renewable energy	1
renewable resource	1
reproductive cells	1
ruler measurement	1
scavenger	1

KEYWORD	COUNT	KEYWORD	COUNT
scientific data	1		
scientific study	1		
secondhand smoke	1		
sequencing	1		
sex hormones	1		
sex organs	1		
simple sugar	1		
soil nutrients	1		
sperm duct	1		
stain	1		
staining	1		
statistical analysis	1		
survival	1		
survival of the fittest	1		
technological advancement	1		
transport	1		
transport / oxygen	1		
vacuole	1		
vegetative population	1		
virus structure	1		
water balance	1		

Unique Keywords 368

Total Questions 1939

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