
titleBigramTokens
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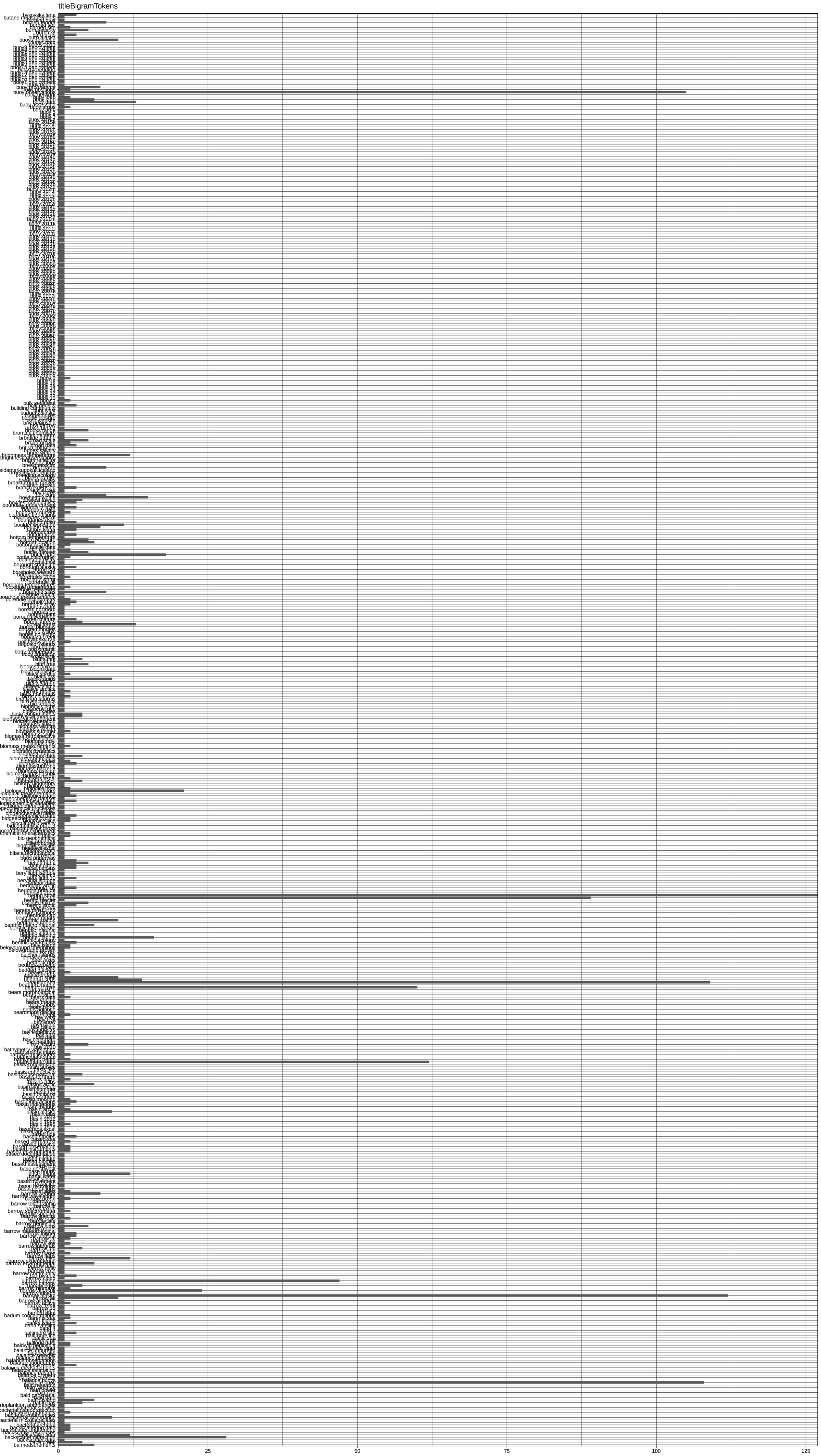
200
300
Counts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titleBigramTokens
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80
120
Counts


titleBigramTokens
0
100
200
300
Counts

titleBigramTokens

ez aircraft
extreme summer
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extractable soil
extractable fe
extracellular polysaccharide
external carbon
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extension growth
extended sites
extended advanced
exposure dating
exposed carbon
exploring shifting
exploratory drilling
exploration project
exploration nsf
expert estimates
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experimentally altered
experimental resource
experimental plots
experimental heating
experimental freeze
experimental burn
experiment wale
experiment thaw
experiment summary
experiment soil
experiment snowfield
experiment snow
experiment plots
experiment plant
experiment normalized
experiment moist
experiment microclimate
experiment mass
experiment leaf
experiment itex
experiment info
experiment ecosystem
experiment dynamic
experiment dry
experiment data
experiment atwain
experiment aon
experiment agashashok
experiment active
experiment 2019
experiment 2015
experiment 2003
experiment 2002
experiment 1995
experiment 1994
experiencing unprecedented
expendable current
expeditions excel
expeditions ascii
expedition oden
expedition nw
expedition ek80
expedition chinare
expedition acex
expedition 2012
expedition 2010
expected disturbance
expansion soil
expansion alter
expand ice
exopolymeric substances
existing arctic
exclusion experiment
exchahge salix
exchange nitrogen
exchange flee
exchange membranes
exchange membrane
exchange ecosystem
exchange capacity
exchange 2014
exchange 2007
exchange 2004
excel welker
excel walker
excel sturm
excel sherr
excel romanovsky
excel racine
excel oechel
excel oberbauer
excel mcmanus
excel kirchman
excel kadko
excel jonsdottir
excel hinzman
excel hinkel
excel hill
excel harvey
excel hansell
excel grebmeier
excel format
excel epstein
excel dunton
excel data
excel darby
excel cutter
excel coyle
excel copass
excel cooper
excel campbell
excel beringer
excel benner
excel bates
excavation results
excavation geophysical
excavation data
evolving central
evolutionary implications
events june
events information
event log
event data
evenness summary
evenness graph
evenness data
evaluation hindcast
evaluation data
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european north
europe 2000
eureka observatory
eureka nunavut
eureka canada
eurasion snow
eurasian river
eurasian plant
eurasian basin
euphausiids patch
euphausiidae backscatter
euphausiid family
euphausiid aging
eubosmina 1998
etop05 elevation
etl vertically
etl reprocessed
etl radar
etl lidar
ethnoarchaeological investigation
ethane propane
ethane measurements
estuaries 1993
estimating fluxes
estimated heat
establishment metadata
establishment data
espenberg birnirk
ers satellite
erosional remnant
erosion rates
erosion features
eriophorum vaginatum
erethizon fox
era interim
era 40
equivalent depth
equivalent data
equivalent aggregated
equivalence excel
equivalence ascii
equitable desirable
equid bones
equatorial ionospheric
epoch united
epifauna sampling
epibenthos survey
eol service
eol rsf
enzyme activity
environments canada
environmental variability
environmental studies
environmental sensors
environmental research
environmental observatory
environmental observatories
environmental observations
environmental data
environmental change
environmental catastrophes
environment moving
environment icescape
entering baffin
ensemble simulations
ensemble rcp
ensemble historical
ensemble 1.5
enhancement data
enhance understanding
engelskbukta svalbard
engagement institutional
engagement educator
engage indigenous
engabreen 2010
energy clouds
energy budgets
energy budget
energy balance
energy absorption
empty utqiagvik
empty show
employment status
emmonak u43
emmonak togiak
emmonak field
emitted radiance
emissions reductions
emissions alaska
emissions 2000
emerging ice
emergence dates
emerald lake
emaiksoun lake
elson lagoon
elongation measurements
eloka exchange
elog event
ellesmere island
elim nome
elicitation interviews
elias mountains
eleventh conference
elevation profile
elevation models
elevation model
elevation data
elevation 2015
elevated soil
elevated bacterial
elemental quotas
elemental analysis
elemental aerosol
element variations
element limitation
element data
electronics sbe37
electronic hydrographic
electron backscatter
electromagnetic tem
electromagnetic induction
electricity climate
elder interviews
ekman pumping
eklutna west
ek80 sonar
ek60 acoustic
eis zooplankton
eis fish
eis conductivity
eider habitat
egg production
egg data
effort cpue
efflux measurements
efflux irga
efflux basetraps
eemian ice
educator professional
educational module
educational attainment
educational activities
edoma r29
edoma kolyma
edge mooring
eddy flux
eddy covariance
ecosystems snow
ecosystems shifts
ecosystems perch
ecosystems erethizon
ecosystems banks
ecosystems alaska
ecosystems 1950
ecosystem welker
ecosystem structure
ecosystem responses
ecosystem response
ecosystem respiration
ecosystem research
ecosystem replicate
ecosystem plot
ecosystem photosynthesis
ecosystem nutrient
ecosystem monitoring
ecosystem model
ecosystem metabolism
ecosystem integrated
ecosystem impacts
ecosystem function
ecosystem flux
ecosystem exchange
ecosystem excel
ecosystem dynamics
ecosystem co2
ecosystem carbon
economic organization
economic models
ecology study
ecology data
ecological modeling
ecological knowledge
ecodynamic systems
eco systems
ecmwf column
eclipse icefield
eclipse ice
echograms greenland
echogram data
echo sounding
ecco2 model
ebullition flux
eastern transect
eastern siberian
eastern lake
eastern hemisphere
eastern greenland
eastern eurasian
eastern boreal
eastern beringia
eastern bering
eastern beaufort
eastern alaska
east versus
east teshekpuk
east siberian
east siberia
east greenland
east fork
east asia
ease grid
earth system
earth sciences
earth science
earnings income
eagle u51
eagle creek
eagle bluff
eager quantifying
eager developing
e6 north
e6 lake
e5 north
e5 lake
e5 alaska
e4 lake
e2 lake
e1 north
e1 lake

0
10
20
30
40
Counts


titleBigramTokens
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futures north
future wind
future shape
future projection
future lake
future fire
future conditions
future climate
future btf
future behaviour
fur seal
fungal relative
fungal community
fungal bacterial
functional type
functional shifts
functional impact
functional foraging
function data
function canadian
fukushima radiocesium
fukushima dai
fruit ratio
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frozen saline
frozen lakes
frozen ground
frozen core
frost index
frost flowers
frost boil
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freshwater switchyard
freshwater fluxes
freshwater flux
freshwater experiment
freshwater emphasis
freshwater budget
fresh snow
fresh carbon
frequency hf
freezing rate
freezing northern
freezing leads
freeze thaw
free date
franklin bluffs
franklin bluff
framing woody
framing sample
framing narrow
framing format
framing broad
fram straits
fram strait
fractionated phytoplankton
fox river
fox red
fox canyon
fossil tree
fossil pollen
fossil plant
forward thermosalinograph
forty thousand
fort yukon
fornbyli landscape
format stamnes
format krishfield
format flagg
format data
format ahlquist
format 1950
formaldehyde measurements
form stats
form data
fork river
forests russia
forests mcguire
forests 2018
forests 1951
forest tundra
forest transition
forest structure
forest site
forest regeneration
forest recovery
forest glucose
forest excel
forest energy
forest ecosystems
forest density
forest data
forest ascii
forest 2003
foreign reported
forefield 30jul09
forefield 30jul07
forefield 22apr
forefield 16jul11
forefield 13apr13
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forefield 10aug08
forefield 09aug10
forefield 04aug12
forefield 02may10
forefield 01apr09
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forecast sfc
forecast gif
forcing data
forcing 2013
force budget
force base
foraminiferal stratigraphy
foraminiferal data
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foraging response
foraging locations
foraging 2008
forage quality
forage distribution
foothills alaska
footage demonstrating
foods yukon
food webs
food web
food security
foliar nutrients
foliar nutrient
fog5 lake
fog4 lake
fog3 lake
fog2 lake
fog1 lake
fog particle
fog monitor
fog 2
focused synthetic
fnl operational
fm fog
fluxes toolik
fluxes oberbauer
fluxes excel
fluxes carbon
fluxes arctic
fluxes 2012
flux welker
flux variability
flux temperature
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flux summer
flux soil
flux sites
flux platform
flux ping
flux multi
flux monitoring
flux measurements
flux measured
flux data
flux buoys
flux buoy
flux alaska
flux acetate
flux 2008
flux 14c
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fluvial characteristics
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fluorescence xrf
fluorescence barrow
fluid dynamics
flows scarfs
flower fruit
flow svalbard
flow igarka
flow data
flow cytometry
florida site
florida keys
florida ice
floor sedimentology
floodplain ecosystems
flood data
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floe size
floatplane pilots
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flights 2002
flight path
flight level
flaw lead
flat terrain
flash interim
flash final
flagship observatories
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fjords greenland
fjord west
fjord spitsbergen
fjord southeastern
fjord southeast
fjord sensitivity
fjord sediment
fjord passive
fjord oceanography
fjord greenland
fjord floor
fjord ek80
fjord east
fjord conductivity
fjord 2005
fixation rate
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fishery systems
fishery catch
fisheries privatization
fisheries policy
fisheries management
fisheries data
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fish tagging
fish tag
fish creek
fish catch
fish birds
firth river
firncover dataset
firn temperatures
firn density
firn cores
firn core
firn compaction
firn chemistry
firn aquifer
firn air
fire vegetation
fire tree
fire thaw
fire soil
fire sites
fire site
fire severity
fire sampled
fire regimes
fire regime
fire projections
fire occurrence
fire influences
fire history
fire decomposition
fire database
fire climate
fire aquatic
fiord wet
fiord plant
fiord mesic
fiord dry
finse site
finland sweden
fingerprint matching
fine woody
fine root
final report
final project
final cloud
final ascii
final andreas
final 12
final 10
filling knowledge
filled pore
filled meteorological
files kotzebue
files arctic
file jonsdottir
fields moritz
field surveys
field survey
field study
field station
field site
field season
field research
field report
field parameter
field measurements
field intensive
field gp5
field gp15
field deployment
field data
field campaigns
fetch distance
fertilized arctic
fertilization experiment
fertilization branch
fert 2
fert 1
fen u40a
fen station
fen gradient
fen core
fen co2
feeding ecology
feedback boundary
federation yamin
federal logbooks
fed linnevatnet
fed lake
fecal deposition
february 9
february 8
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february 10
february 1
features observed
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fe oxide
fe grain
fe 2012
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faunal summaries
faunal material
faunal data
fauna 2000
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fatty acid
fast sea
farmstead datasets
farmers loop
family euphausiidae
fallout cesium
fall ecosystem
fall 2012
fall 2009
fairweather llc
fairweather barrow
fairbanks alaska
factors summary
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factor values
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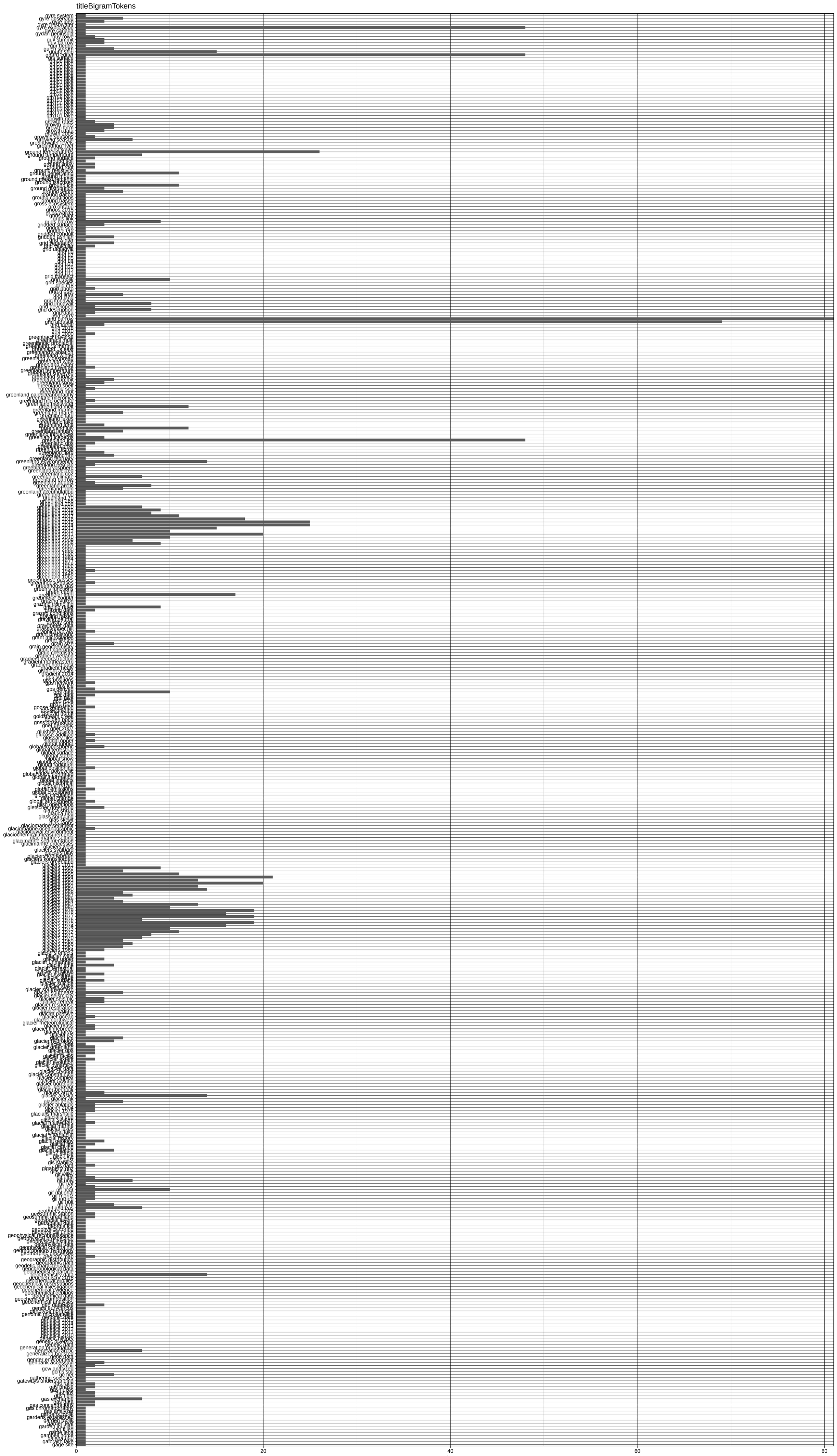
Counts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gyre exploration
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guy rowe
guy summit
guy barrow
gur hedge
guren stream
guard ship
guard cutter
gris surface
grn98 lake
grn91 lake
grn90 lake
grn88 lake
grn86 lake
grn85 lake
grn62 lake
grn61 lake
grn60 lake
grn59 lake
grn58 lake
grn38 lake
grn158 lake
grn157 lake
grn156 lake
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grn153 lake
grn110 lake
grn101 lake
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growth rates
growth plots
growth form
growth data
growth 2005
growing seasons
growing season
groundwater levels
groundhog river
ground water
ground temperatures
ground temperature
ground surface
ground soil
ground snow
ground roof
ground resistivity
ground penetrating
ground model
ground measurements
ground isachsen
ground ice
ground distribution
ground depth
ground dalton
ground conditions
ground based
gross ecosystem
gro ontario
grogos 2015
grids walker
grids plant
grids link
grids barrow
gridded surface
gridded sea
gridded era
gridded conduit
gridded ashlan
grid winter
grid vegetation
grid vascular
grid utqiagvik
grid u9
grid u7
grid u5
grid u4
grid u27
grid u26
grid u12
grid u11
grid transect
grid toolik
grid species
grid r18
grid photo
grid model
grid lidar
grid land
grid innavait
grid innavait
grid developed
grid description
grid data
grid curry
grid barrow
grid atqasuk
grid aerial
grid 2018
grid 2010
grid 2000
greentracs traverse
greentracs multi
greenlandic proglacial
greenland ...s marine
greenland ...s east
greenland's ablation
greenland winter
greenland widespread
greenland wide
greenland water
greenland traverse
greenland temperature
greenland surveyed
greenland surface
greenland summit
greenland snow
greenland shelf
greenland sea
greenland root
greenland paleoceanography
greenland microbial
greenland microclimate
greenland meltwater
greenland melt
greenland marine
greenland march
greenland late
greenland lakes
greenland lake
greenland june
greenland july
greenland january
greenland influences
greenland icebergs
greenland ice
greenland gps
greenland gnss
greenland fjords
greenland fjord
greenland firn
greenland february
greenland environmental
greenland eemian
greenland cryosphere
greenland collected
greenland co2
greenland climate
greenland barrow
greenland august
greenland arctic
greenland april
greenland accumulation
greenland 7700
greenland 70
greenland 268
greenland 200
greenland 2020
greenland 2019
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greenland 1985
greenland 1982
greenland 1964
greenland 1958
greenland 1956
greenland 1928
greenland 1446
greenland 1066
greenhouse gasses
greenhouse gases
greenhouse gas
green's functions
green cabin
greenleaf ided
greenleaf cooper
grazing yukon
grazing trampling
grazing rates
grazing data
grazed conditions
grayling raised
grayling neutral
gravity core
gravimeter data
grasshopper hill
graphical library
grant prehistoric
grant microblades
grant fishing
grain size
grain geochemistry
grain fingerprint
grain chemistry
gradient wetland
gradient reconstruction
gradient northeastern
gradient northeast
gradient healy
gradient alaska
gradient 2014
gps surveys
gps positions
gps network
gps ice
gps derived
gps data
gpr data
gp9 lake
gp15 r50a
gp15 r50b
goose vegetation
goose grazing
golovin home
goldstream creek
golden pond
gnss observation
gner geodetic
gner 2007
glukhoe kolyma
glucose addition
glossary files
global upper
global tundra
global troposphere
global terrestrial
global surface
global stable
global snow
global seasonal
global radiation
global positioning
global polycycle
global polychlorinated
global information
global impacts
global historical
global frozen
global emissions
global cryosphere
global circulation
global change
global atmosphere
glisn operations
gletscher greenland
glauca shrub
glauca ring
glass sounding
glas skewn
glas raobs
glaciomarine sediment
glaciomarine oceanographic
glaciofluvial environment
glaciochemical measurements
glacimarine setting
glacimarine sedimentation
glacimarine processes
glaciers west
glaciers svalbard
glaciers play
glaciers kronebreen
glaciers kongsfjorden
glaciers greenland
glaciers 2011
glaciers 1997
glaciers 1996
glaciers 1995
glaciers 1994
glaciers 1993
glaciers 1992
glaciers 1991
glaciers 1990
glaciers 1989
glaciers 1988
glaciers 1987
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glaciers 1978
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glaciers 1975
glaciers 1974
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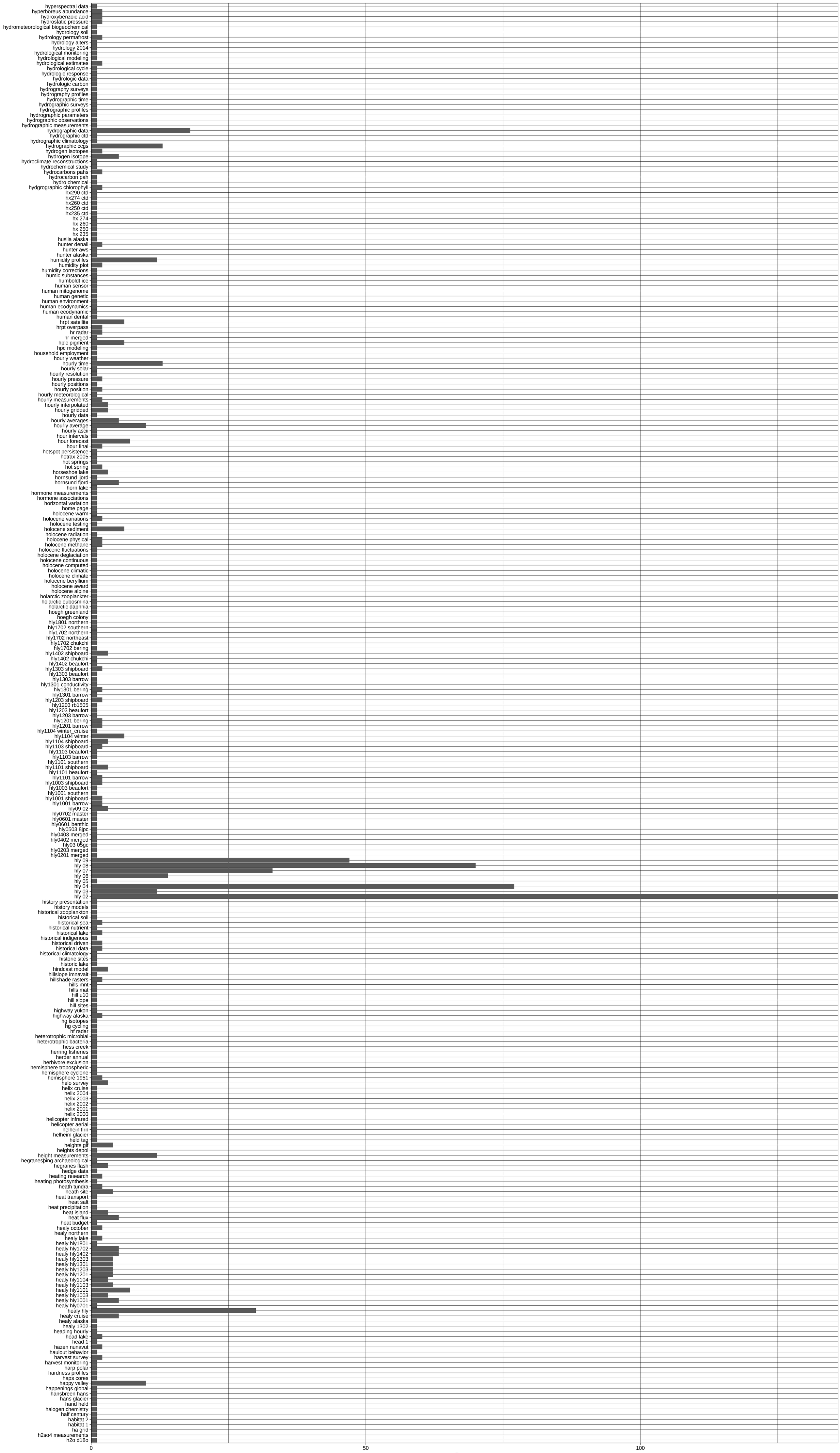
glaciers 1972
glaciers 1971
glaciers 1970
glaciers 1969
glaciers 1968
glaciers 1967
glaciers 1964
glacier's effects
glacier west
glacier upper
glacier unmanned
glacier time
glacier terrestrial
glacier terminus
glacier svalbard
glacier surge
glacier surface
glacier suicide
glacier stake
glacier southwestern
glacier southeast
glacier seismicity
glacier seismic
glacier retreat
glacier response
glacier respiration
glacier regime
glacier passive
glacier ocean
glacier northwest
glacier meteorological
glacier mass
glacier lonnebreen
glacier jarvis
glacier icy
glacier ice
glacier hydrology
glacier heat
glacier greenland
glacier gps
glacier fed
glacier facies
glacier extent
glacier evolution
glacier dynamics
glacier data
glacier cryobiol
glacier constraining
glacier complex
glacier calving
glacier borehole
glacier behavior
glacier bedrock
glacier arctic
glacier alaska
glacier ak
glacier aerial
glacier ablation
glacier 2004
glacier 1976
glaciars marshalls
glaciais egig
glacial system
glacial meltwaters
glacial matine
glacial lakes
glacial lake
glacial interglacial
glacial history
glacial geology
glacial fed
glacial calving
glacial ablation
gisp2 stable
gisp2 ice
gisp2 dust
gis stability
gis data
gigahertz ghz
gifs image
gif wiley
gif utrai
gif univ
gif uaf
gif psc
gif ncar
gif national
gif moritz
gif ipicyt
gif holt
gif arm
gif andreas
geotraces 2015
geosummit station
geosummit greenland
geospatial layers
geospatial data
georgia tech
geophysics coring
geophysical union
geophysical reconnaissance
geophysical prospection
geophysical institute
geophysical data
geophysical constraints
geomorphology hydrology
geomorphic processes
geology map
geographic distribution
geographic data
geodetic characterization
geochronological data
geochemistry particle
geochemistry data
geochemistry 2018
geochemical profiles
geochemical observations
geochemical investigation
geochemical evidence
geochemical ecology
geochemical data
geochemical composition
geochemical analyses
geo database
genus eurycercus
genotype hormone
genomic microsatellite
genomic data
genetics 2015
genetics 2012
genetics 2011
genetics 2010
genetics 2012
genetics 2011
genetics 2010
genetic history
genetic diversity
genetic data
generation propagation
generation arctic
generalized boosted
gene data
gender environment
genbank accession
gem lii
gcw analyzed
gcms soil
gc net
gathering societies
gateways understanding
gas ratio
gas phase
gas fluxes
gas flux
gas field
gas exchange
gas data
gas concentrations
gas chromatography
gas analyzer
gardens toolik
gardens established
garden toolik
garden leaf
garden mulch
gap filled
gantie lena
gambell home
galena u50
gallbraith lake
gage site
0
20
40
60
80
Counts

titleBigramTokens



titleBigramTokens

0

100

200

300

Counts

titleBigramTokens

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june 5
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june 26
june 2017
june 2015
june 2014
june 2013
june 2012
june 2011
june 2009
junction interior
july december
july continuing
july august
july 30
july 25
july 23
july 22
july 2019
july 2017
july 2016
july 2015
july 2014
july 2013
july 2011
july 2008
july 2003
july 1999
july 1976
july 15
july 11
jpl nasa
jpg webber
jpg moritz
jpg images
journal toolik
journal article
jones sound
jois bottle
jjord spitsbergen
jgr 2013
jgofs data
jaz combo
jaz 2
jaz 1
jarvis glacier
jarvis creek
japan agency
january june
january 8
january 7
january 6
january 5
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january 2015
january 2012
january 2011
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january 2
january 19
january 18
january 17
january 16
january 15
january 14
january 13
january 1
jamstec shipboard
jamstec lowered
jamstec data
jamstec conductivity
jakutskoe lake
jakobshavn isbræ
jakobshavn isbrae
jago river
jack pine

0
3
6
9
12

Counts

titleBigramTokens

kuskokwim delta
kurupa pond
kuropatochya river
kuparuk river
kuparuk region
kuparuk itkilik
kuparuk csasn
kuparuk basin
kujalleq jakobshavn
kugururok ring
kruglaya anadyr
krp13 2
krp13 1
kronebreen konsvegen
kronebreen kongsvegen
kronebreen glacier
kromov southern
koyuk nome
kougarok u28
kougarok soil
kougarok radiation
kougarok meteorological
kotzebue study
kotzebue alaska
kotlik u42
konsvegen svalbard
konkovaya river
kongsvegen svalbard
kongsvegen polythermal
kongsvegen kongsfjorden
kongsvegen glaciers
kongsvegen glacier
kongsvegen confluent
kongsfjorden svalbard
kongsfjorden ocean
kongsbreen time
kongsbreen system
kongsbreen sentinel
kongressvatnet svalbard
kongressvatnet catchment
kongress valley
kolyma river
kolyma r26
kolyma r21
kolyma r20
kolyma r19
kolyma r18
kolyma r17
kolyma r16
kolyma r15
kolyma r14
kolyma r13
kolyma r12
kolyma 10
koluktak u30
kola peninsula
kodiak island
kodiak alaska
knudsen 320b
knowledge resilience
knowledge component
knorr 195
kn195 10
kn 195
kml format
km visible
km grid
km based
kluane lake
klondike sediments
klondike biota
kite aerial
kilometer model
kilometer km
kilometer grid
kilohertz data
khz adcp
khromov 2012
khromov 2011
khromov 2010
khomus 2
khomus 1
kharp vegetation
kharp russia
keys 2009
keyhole markup
key biotic
kelp communities
keflavík excavation
kawerak's ice
kasitsna bay
kashin island
kargoplgyno river
kara sea
kap hoegh
kangiqtugaapik clyde
kangiata nunaata
kangerlussuaq greenland
kangerlussuaq 2012
kangerlussauq greenland
kangerdlugssuaq glaciers
kanger soil
kanger foliar
kanger 2014
kamchatka russia
kamchatka r30
kamchatka peninsula
kamchatka peatland
kamchatka 2
kamchatka 1
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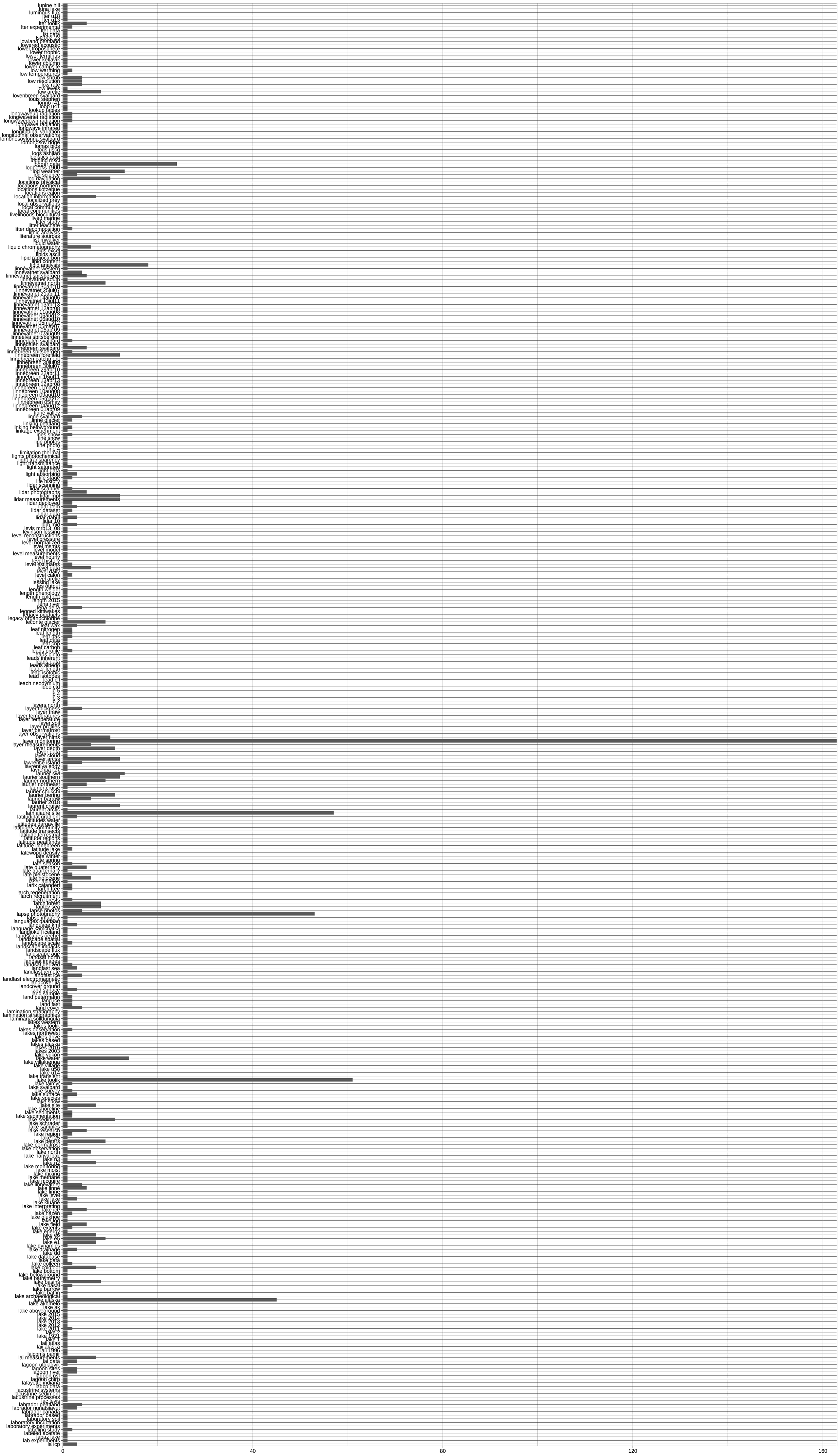
Counts

titleBigramTokens



titleBigramTokens

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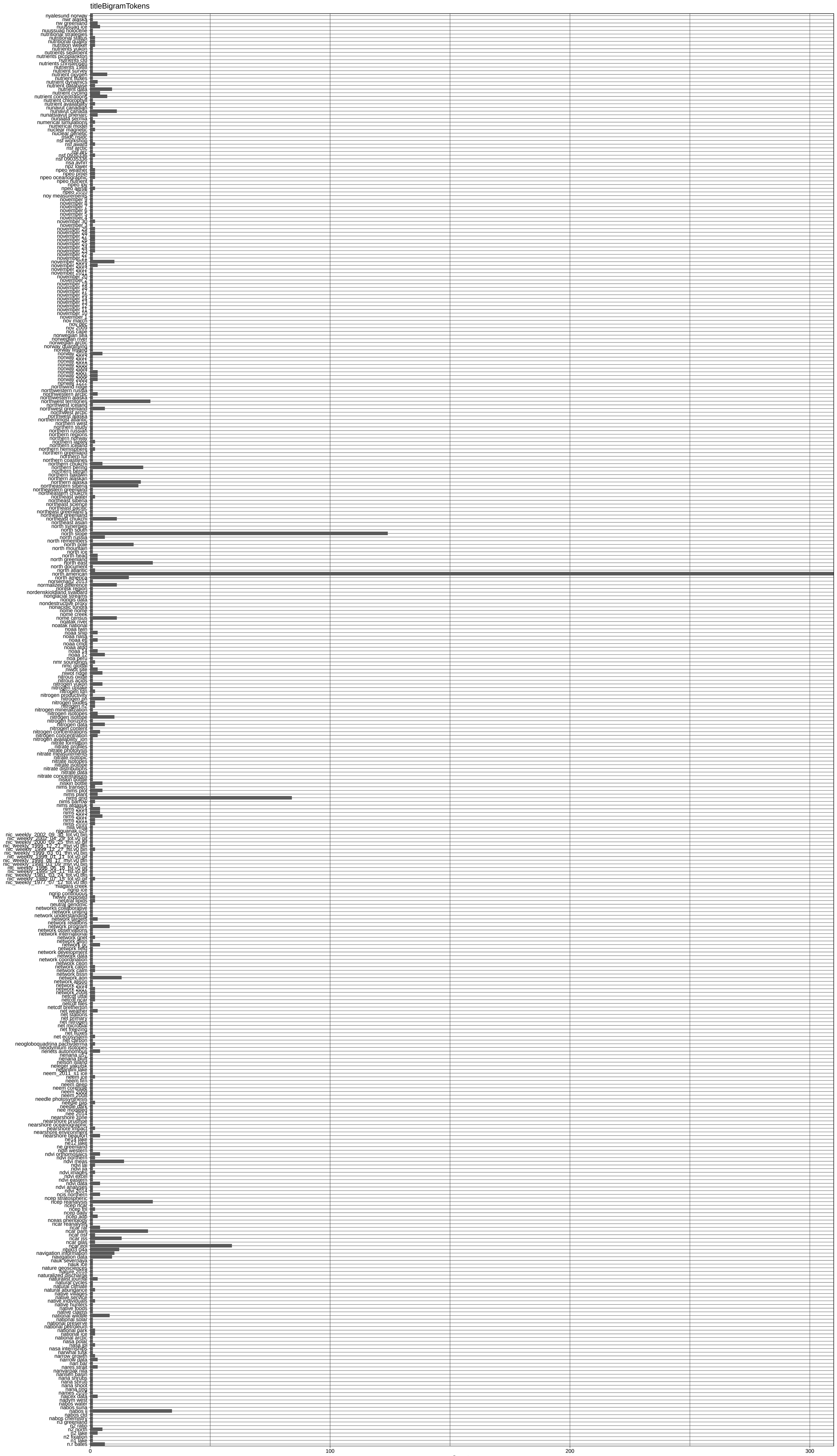
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nutrients yukon
nutrients sediment
nutrients picoplankton
nutrients ctd
nutrients christensen
nutrients 1988
nutrient survey
nutrient oxygen
nutrient fluxes
nutrient dynamics
nutrient database
nutrient data
nutrient cycling
nutrient concentrations
nutrient chlorophyll
nutrient availability
nunavut canadian
nunavut canada
nunatsiavut phenarc
nunaata sermia
numerical simulations
numerical model
nuclear magnetic
nuclear genetic
nsidc nsidc
nsf workshop
nsf award
nsf arctic
nsf arc
nsf 0935336
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nsa avhrr
npz lower
npeo weather
npeo pmel
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npeo nutrient
npeo ipy
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nov dec
nov 2009
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norwegian river
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northern laptev
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northern bergin
northern baldwin
northern alaskan
northern alaska
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northeastern greenland
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northeast siberia
northeast science
northeast pacific
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northeast chukchi
northeast asian
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north south
north slope
north russia
north remember's
north pole
north mountain
north ice
north head
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north east
north document
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north america
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nome creek
nome census
noatak river
noatak national
noaa twin
noaa ship
noaa nasa
noaa etl
noaa cmdl
noaa atdd
noaa 14
noaa 12
noa peru
nmr soundings
nmc global
niwot site
niwot ridge
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nitrous acids
nitrogen yukon
nitrogen uptake
nitrogen tdn
nitrogen productivity
nitrogen pn
nitrogen oxides
nitrogen n2
nitrogen mineralization
nitrogen isotopes
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nitrogen horizons
nitrogen data
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nitrogen concentrations
nitrogen concentration
nitrogen availability ion
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nitrate profiles
nitrate photolysis
nitrate measurements
nitrate isotopic
nitrate isotopes
nitrate isotope
nitrate distributions
nitrate data
nitrate concentrations
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niskin bottle
nims transect
nims plot
nims plant
nims grid
nims barrow
nims atqasuk
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nims 2013
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ngrip ice
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network uniting
network understanding
network targets
network relations
network program
network observations
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network gnet
network glisn
network gc
network field
network development
network data
network coordination
network ceon
network calon
network calm
network bssn
network aon
network alison
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network 2017
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net weather
net stations
net primary
net nitrogen
net microbial
net freezing
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neem firn
neem deep
neem coreholb
neem 2009
neem 2008
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nearshore oceanographic
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ndvi northern
ndvi meas
ndvi lai
ndvi jia
ndvi images
ndvi excel
ndvi eastern
ndvi data
ndvi analyses
ndvi 2014
ncis northern
ncep stratospheric
ncep reanalysis
ncep ncar
ncep fnl
ncep daily
ncep adp
nceas phenology
ncar reanalysis
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ncar pam
ncar nsf
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ncar glas
ncar eol
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national park
national ice
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nasa jpl
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nanvarpak nila
nansen basin
nana shrubs
nana shrub
nana shoot
nana ring
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nabos suna
nabos il
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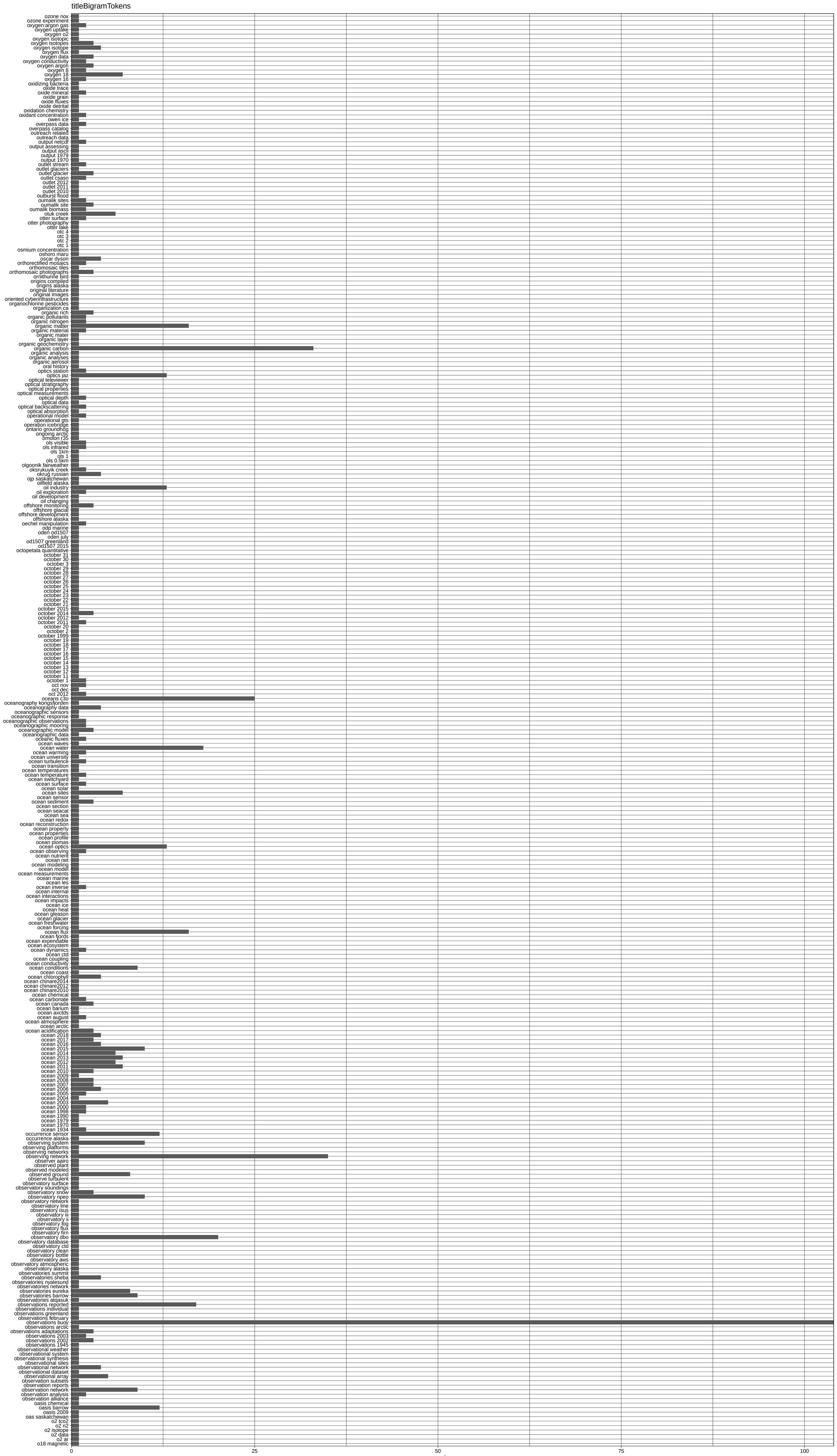
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oxygen 16
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oxide mineral
oxide grain
oxide fluxes
oxide detrital
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oxidant concentration
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outlet 2011
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oumalik biomass
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otter lake
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otc 2
otc 1
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oscar dyson
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origins compiled
origins alaska
original literature
original images
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organization ca
organic rich
organic pollutants
organic nitrogen
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organic analysis
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optics jaz
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optical properties
optical measurements
optical depth
optical data
optical backscattering
optical absorption
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operational gts
operation icebridge
ontario groundhog
ongoing arctic
omolon r35
ols visible
ols infrared
ols 1km
ols 1
ols 0.5km
olgoonik fairweather
oksrukuyik creek
okrug russian
ojp saskatchewan
oilfield alaska
oil industry
oil exploration
oil development
oil changing
offshore monitoring
offshore glacial
offshore development
offshore alaska
oechel manipulation
odp marine
oden od1507
oden july
od1507 greenland
od1507 2015
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oct dec
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oceanographic response
oceanographic observations
oceanographic mooring
oceanographic model
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ocean turbulence
ocean transition
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ocean seacat
ocean sea
ocean redox
ocean reconstruction
ocean property
ocean properties
ocean profile
ocean piomas
ocean optics
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ocean les
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ocean internal
ocean interactions
ocean impacts
ocean ice
ocean heat
ocean gleason
ocean glacier
ocean freshwater
ocean forcing
ocean flux
ocean fjords
ocean expendable
ocean ecosystem
ocean dynamics
ocean ctd
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ocean conductivity
ocean conditions
ocean coast
ocean chlorophyll
ocean chinare2014
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ocean axctds
ocean august
ocean atmosphere
ocean arctic
ocean acidification
ocean 2018
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ocean 2015
ocean 2014
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ocean 2004
ocean 2003
ocean 2000
ocean 1998
ocean 1990
ocean 1979
ocean 1970
ocean 1934
occurrence sensor
occurrence alaska
observing system
observing platforms
observing networks
observing network
observer aairo
observed plant
observed modeled
observed ground
observe turbulent
observatory surface
observatory soundings
observatory snow
observatory npeo
observatory network
observatory line
observatory isus
observatory iii
observatory ii
observatory fog
observatory flux
observatory firn
observatory dbo
observatory database
observatory ctd
observatory clean
observatory bottle
observatory aws
observatory atmospheric
observatory alaska
observatories summit
observatories sheba
observatories nyalesund
observatories network
observatories eureka
observatories barrow
observatories atqasuk
observations reported
observations individual
observations greenland
observations february
observations buoy
observations arctic
observations adaptations
observations 2003
observations 2002
observations 1945
observational weather
observational system
observational synthesis
observational sites
observational network
observational dataset
observational array
observation subsets
observation reports
observation network
observation analysis
observation alliance
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oasis barrow
oasis 2009
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titleBigramTokens
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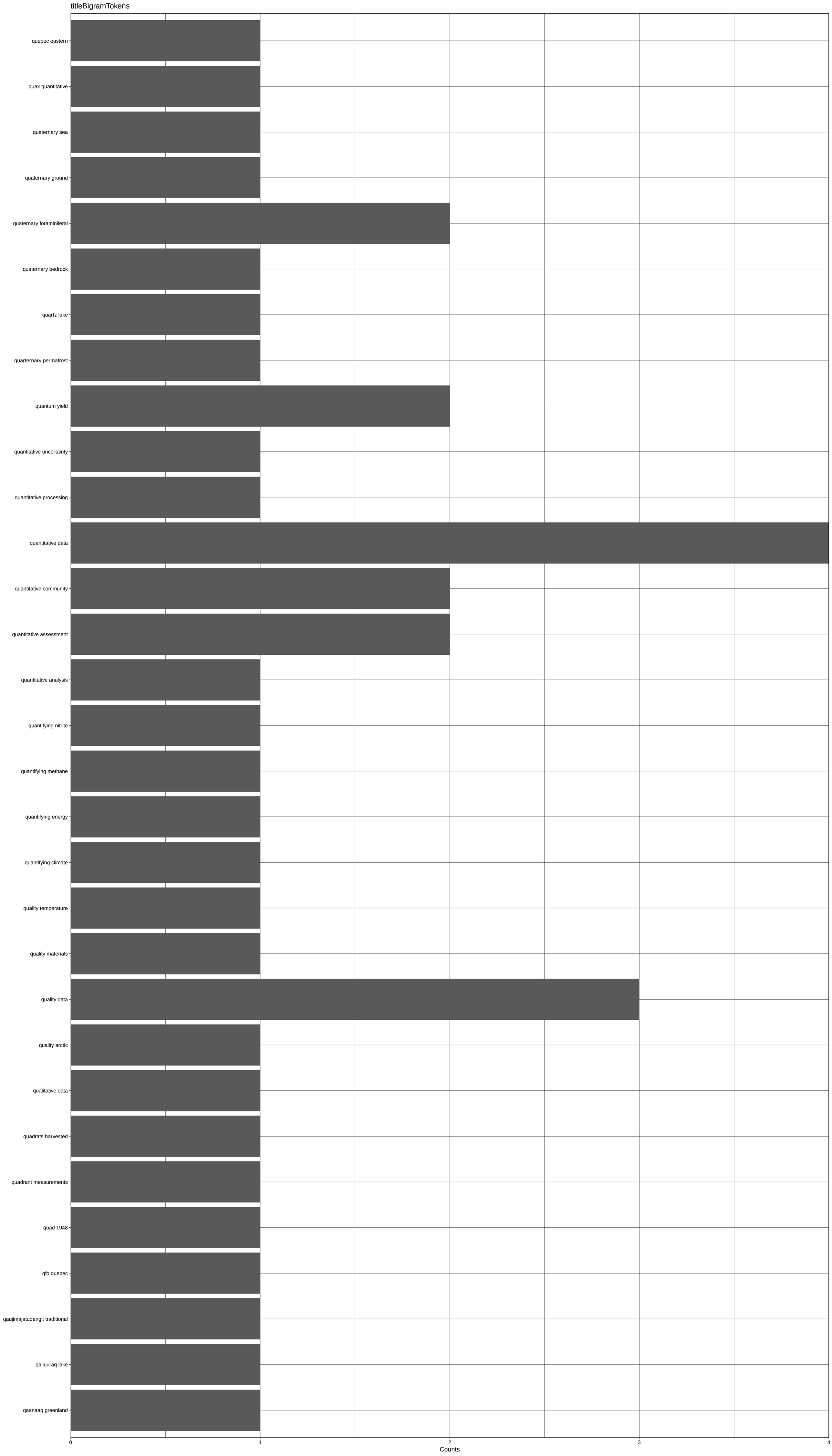
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quantitative uncertainty
quantitative processing
quantitative data
quantitative community
quantitative assessment
quantitative analysis
quantifying nitrite
quantifying methane
quantifying energy
quantifying climate
quality temperature
quality materials
quality data
quality arctic
qualitative data
quadrats harvested
quadrant measurements
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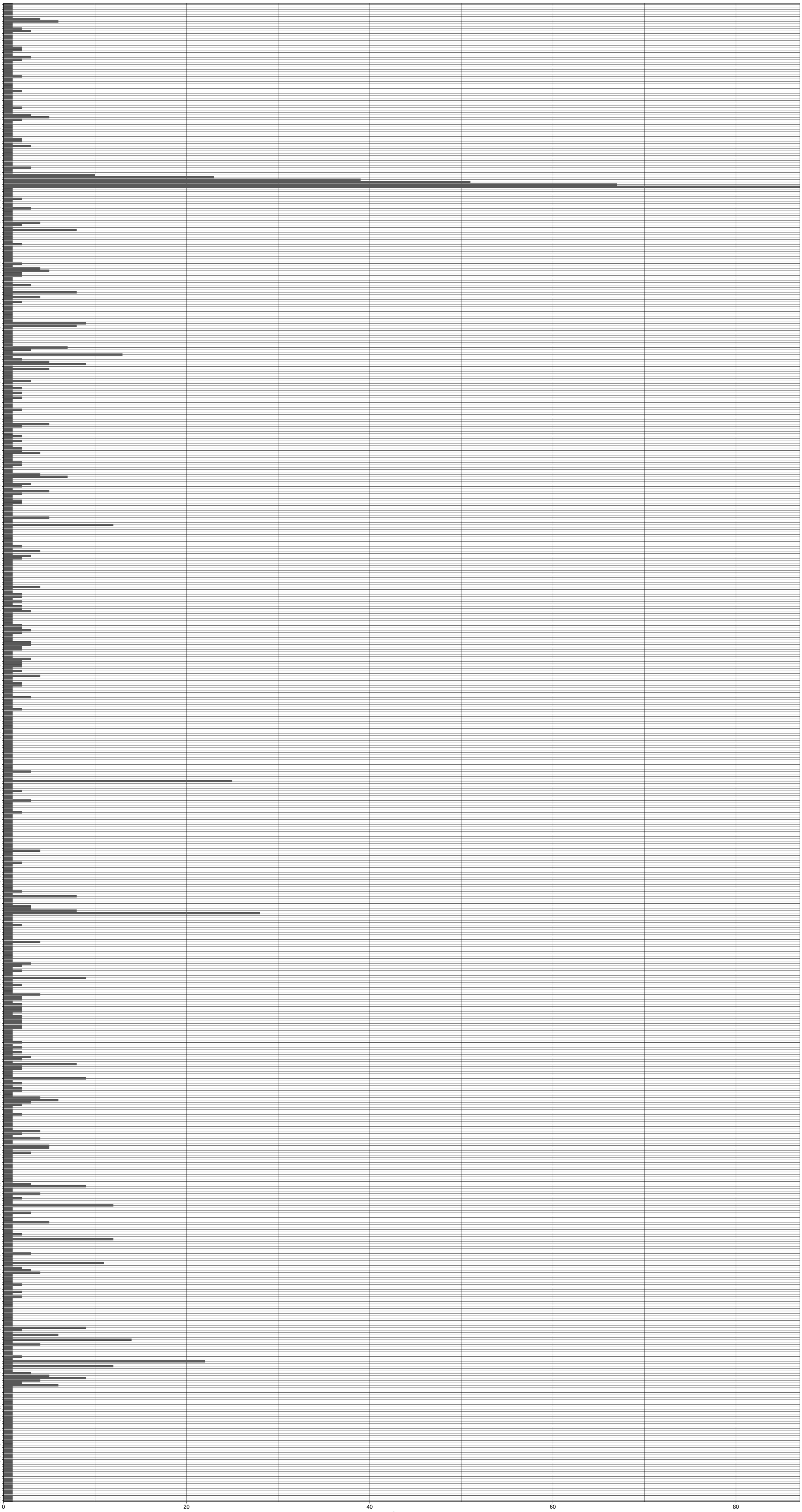
titleBigramTokens

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titleBigramTokens
Counts
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160
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t0 04aug12

titleBigramTokens

uw mooring
uw ctd
uw convair
uw carg
uvsimn version2
uvsimn guv
uummannaq bay
utquiagvik barrow
utqia..vik shorebird
utqiagvik barrow
utqiagvik atqasuk
utqia..vik alaska
utqiagvik alaska
utqiagvik ak
utilization distribution
utgiagvik barrow
utc gif
usgs permafrost
uscgc united
uscgc polar
uscgc healy
uscg esu
usability workshop
usa 2019
usa 2002
usa 2000
ursus mrb13_06
urengoy gas
urban heat
uranium thorium
uranium radioisotope
uranium 238
urals r53
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uptempo buoys
uptake rates
uptake 1984
upper zev
upper water
upper polar
upper permafrost
upper ocean
upper mantle
upper layer
upper kuparuk
upper kargoplgyno
upper cirque
upper capsule
upper arctic
upper air
uplands synthesis
updated north
update june
unsustainable glacier
unprecedented recent
unprecedented climate
unmanned aerial
unix format
uniting traditional
unit effort
union 2018
unfocused synthetic
undisturbed tundra
underway sensor
underway seawater
underway sea
underway pco2
underway o2
underway meteorological
underway measurements
underway measurement
underway fco2
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underwater irradiance
underwater acoustics
underwater acoustic
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understory percent
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understory flux
understory biomass
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understanding exchanges
understanding environmental
understanding climate_driven
understanding climate
understanding bering
understanding arctic
understand water
understand sea
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undergraduate student
undergraduate research
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uncrewed aerial
uncertainty polycyclic
unburned site
unburned moist
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umiat corridor
umbozero kola
ultraviolet radiation
ultra low
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uic13 5
uic13 4
uic13 3
uic13 2
uic13 1
uhi modis
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uchugrak lakes
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uav 4k
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uaf tethered
uaf storvold
uaf radiometric
uaf moored
uaf barrow
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u.s federal
u.s climate

0
10
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30
40
50

Counts

titleBigramTokens

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vpr data
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volume 3
volume 2
volume 1
volcanic events
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vital rates
vital arctic
visualization analysis
visual methods
visible imagery
visible band
visibility measurements
vis images
virtual temps
virtual temperatures
viridis var
viper vegetation
viper project
villaluenga alaska
villages experiencing
village u55
village residents
village lithic
village dataset
video uav
video tape
video plankton
video analyses
vicinity bathymetry
vessel xuelong
vessel sikuliaq
vessel ronald
vessel bering
vertically propagating
vertical profiles
vertical pfas
vertical heat
vertical fluxes
vertical flux
vertical drifts
vertical distribution
vertical boundary
versus west
versus primary
versus nonacidic
version2 summit
version2 barrow
version 3.2
version 1.1
venetie u56
vena native
velocity timeseries
velocity slp
velocity sea
velocity profiles
velocity magnitudes
velocity images
velocity final
velocity fields
velocity data
velocities characterizing
vehicle uav
vehicle remote
vegetation yukon
vegetation types
vegetation studies
vegetation species
vegetation soils
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vegetation senescence
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vegetation radiance
vegetation plots
vegetation percent
vegetation measurements
vegetation mapping
vegetation map
vegetation interactions
vegetation index
vegetation impacts
vegetation distribution
vegetation data
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vegetation classifications
vegetation classification
vegetation change
vegetation biomass
vector files
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vaskiny dachi
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varve data
varve based
variation classification
variance distortionless
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variability filling
variability bowhead
var crispa
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vapor isotopes
vapor isotope
vapor climate
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values ascii
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valley svalbard
valley permanent
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valley co2
valley bottom
valley ak
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10.0

Counts

titleBigramTokens

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wtd misp
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worldview digital
world climate
world avoided
workshop support
workshop sitka
workshop richness
workshop report
workshop gur
workshop evenness
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workshop categorical
workshop berlinor
woody debris
woody data
woodland site
woodland excel
woodland ascii
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wolstenholme fjord
wolf sunspot
wolf spider
wisconsin ssec
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winter survival
winter survey
winter spring
winter snow
winter sea
winter precipitation
winter polynya
winter expedition
winter ecosystem
winter cruise
winter co2
winter carbon
winter applications
winter 2020
winter 2015
winds ascii
winds 500mb
wind speed
wind river
wind northeast
wind events
wind direction
winch deployment
wilfrid laurier
wilfred laurier
wildlife refuge
wildfires air
widths measurements
width measurements
wide ice
wickersham u17
whp format
whoi ice
white spruce
whaling seasons
whaling oceanographic
whaling nutrients
whaling microzooplankton
whaling event
whaling ctd
whaling biological
whale subsistence
whale feeding
whale distributions
whale broad
whale abundance
wetting experiment
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wet u7
wet u11
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wet sedge
westward wind
western transect
western svalbard
western spitsbergen
western science
western portions
western percolation
western margin
western lake
western hemisphere
western greenland
western canada
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western beaufort
western arctic
western alaska
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west fork
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weekly arctic
weekly 4
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weekly 1
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webgis usability
web types
web dynamics
weather stations
weather station
weather research
weather reports
weather relationships
weather observations
weather logs
weather information
weather glacial
weather energy
weather data
weakening convergent
wax hydrogen
waves temperature
wavelength integrated
wavelength accuracy
wave velocities
wave generation
wave dynamics
wave driven
watersheds north
watersheds lake
watersheds 2010
watersheds 2009
watershed wet
watershed tussock
watershed thaw
watershed studies
watershed scales
watershed interior
watershed heath
watershed dem
watershed delineation
watershed carbon
watershed arctic
watershed alaska
watershed 2018
waters implications
waterbodies fetch
water vapor
water tracks
water track
water temperature
water table
water stakeholders
water samples
water resources
water radiometric
water quality
water property
water properties
water pressure
water polynya
water phytoplankton
water particulate
water oxygen
water nutrients
water nutrient
water methane
water manipulation
water level
water isotopes
water isotope
water ion
water intrusion
water inflow
water hourly
water h2o
water fluxes
water flow
water filled
water equivalent
water equivalence
water energy
water dissolved
water current
water content
water column
water collected
water chemistry
water balances
water balance
water 2011
water 2009
watch sea
watch northern
watch gcw
washington land
washington ctd
washington april
warmth index
warming excel
warming ensemble
warming derived
warming data
warming climate
warming arctic
warmed plots
warm spring
warm climates
warm buoys
warm buoy
walruses 2008
walrus project
walrus monthly
walrus foraging
walleye pollock
wais holocene
wais divide
wadati conference
waccm perturbation

0
10
20
30
40

Counts

titleBigramTokens

xxvi 3

xrf multi

xrf mapping

xbt data

0

1

2

3

Counts

titleBigramTokens

yupik names
yup ik
yukon u48
yukon territory
yukon river
yukon kuskokwim
yukon delta
yukon canada
yukon 10,900
yrbp multiproxy
yr bp
yoyo cast
yield alaska
yenisei river
yearly measurements
yamin pasternak
yamal peninsula
yakutsk region
yakha vorkuta
yahtse glacier

0
5
10
15
20
Counts

titleBigramTokens

zooplankton smith
zooplankton samples
zooplankton presence
zooplankton phasmavirus
zooplankton mz
zooplankton morphometrics
zooplankton measurements
zooplankton genetics
zooplankton fatty
zooplankton ecology
zooplankton distribution
zooplankton densities
zooplankton data
zooplankton composition
zooplankton communities
zooplankton biomass
zooplankton abundance
zooplankton 1951
zooplankter 2010
zone reconnaissance
zone observing
zev lake
zenith angle
zemlya archipelago

0.0
2.5
5.0
7.5

Counts