

Search terms

Soil structure and its benefits

1. CAB Abstracts (Ebsco) – Searched August 29th 2019

- S45 S3 AND S10 AND S34 AND S44 Limiters -
Publication Year: 2009-2019
479 – Reviews
- S44 DE “reviews” OR (TI(review) OR AB(review))
447,498
- S43 S39 OR S40 OR S41 OR S42
833 – Selected European Countries Combined
- S42 S3 AND S10 AND S34 AND S38
Limiters - Publication Year: 2009-2019
78 - Netherlands
- S41 S3 AND S10 AND S34 AND S37
Limiters - Publication Year: 2009-2019
329 – Germany
- S40 S3 AND S10 AND S34 AND S36
Limiters - Publication Year: 2009-2019
189 - France
- S39 S3 AND S10 AND S34 AND S35
Limiters - Publication Year: 2009-2019
273 – UK
- S38 GL “Netherlands” OR (TI(netherlands) OR
AB(netherlands))
55,105
- S37 GL “Germany” OR (TI(germany) OR AB(germany))
117,299
- S36 GL “France” OR (TI(france) OR AB(france))
100,027
- S35 (GL “British Isles” OR GL “UK” OR GL “Channel
Islands” OR GL “Great Britain” OR GL “England” OR
GL “Scotland” OR GL “Wales” OR GL “Isle of Man”)
OR (TI ((uk or “united kingdom” or britain or england
or wales or scotland or “northern ireland”)) OR AB ((uk
or “united kingdom” or britain or england or
wales or scotland or “northern ireland”)))
177,881
- S34 S11 OR S12 OR S13 OR S14 OR S15 OR S16 OR S17 OR
S18 OR S19 OR S20 OR S21 OR S22 OR S23 OR S24
OR S25 OR S26 OR S27 OR S28 OR S29 OR S30 OR
S31 OR S32 OR S33 OR (“public benefit outcome*”
OR “ecosystem service*” OR “natural capital” OR
“public benefit*” OR “public good*”)
3,707,814
- S33 ((DE “shear strength”) OR (DE “soil mechanics”)) OR
(TI (((soil OR shear) N2 strength)) OR AB (((soil OR
shear) N2 strength)))
9,827
- S32 DE “soil surveys” OR DE “decomposition” OR DE
“biodeterioration” OR (TI (“decomposition rate*” OR
((assess* OR diagnos* OR measur*) N2 soil)) OR AB
 (“decomposition rate*” OR ((assess* OR diagnos* OR
measur*) N2 soil)))
73,069
- S31 (DE “porosity” OR DE “permeability” OR DE “pore
size distribution” OR DE “porous media” OR DE “soil
pore system”) OR (TI (porosity OR porous* OR
permeab* OR patenc* OR spong* OR consistenc* OR
puffy OR puffiness) OR AB (porosity OR porous* OR
permeab* OR patenc* OR spong* OR consistenc* OR
puffy OR puffiness))
111,767
- S30 ((((DE “aggregate density”) OR (DE “soil stabilization”)
OR (DE “soil degradation”)) OR (DE “soil strength”)))
OR (TI (((aggregate OR soil OR particle*) N2 (stabili*
OR resist*))) OR AB (((aggregate OR soil OR
particle*) N2 (stabili* OR resist*))))
22,480
- S29 (DE “hydraulic conductivity” OR DE “saturated
hydraulic conductivity” OR DE “unsaturated hydraulic
conductivity”) OR (TI (((hydraulic OR liquid* OR
fluid* OR water) N2 (conductivity OR movement OR
moving OR “pass* through*” OR “travel* through”)))
OR AB (((hydraulic OR liquid* OR fluid* OR water) N2
(conductivity OR movement OR moving OR “pass*
through*” OR “travel* through”))))
23,077

- S28 (DE “bulk density” OR DE “compacted density” OR DE “soil density”) OR (TI (((bulk OR apparent OR volumetric) N2 density)) OR AB (((bulk OR apparent OR volumetric) N2 density)))
24,115
- S27 (DE “compaction” OR DE “soil compaction” OR DE “densification”) OR (TI (compact* OR compress* OR packing OR densif* OR concentrat* OR settl*)) OR AB (compact* OR compress* OR packing OR densif* OR concentrat* OR settl*))
1,116,736
- S26 (DE “infiltration” OR DE “penetration” OR DE “percolation” OR DE “permeability” OR DE “seepage”) OR (TI (infiltrat* OR penetrat* OR percolat* OR seep* OR permeab* OR soak*)) OR AB (infiltrat* OR penetrat* OR percolat* OR seep* OR permeab* OR soak*))
152,900
- S25 (DE “diffusivity” OR DE “soil water movement”) OR (TI (diffusivity OR diffusion OR ((water OR liquid* OR fluid*) N2 (movement OR spread*))) OR AB (diffusivity OR diffusion OR ((water OR liquid* OR fluid*) N2 (movement OR spread*))))
70,841
- S24 ((DE “intensive husbandry”) AND (DE “intensive livestock farming” OR DE “stocking density”)) OR (TI ((livestock OR “farm animal*” OR cattle OR herd* OR stock*) N2 (densit* OR size OR population OR intensity OR number* OR mass OR weight OR strateg*) OR mob-grazing) OR AB ((livestock OR “farm animal*” OR cattle OR herd* OR stock*) N2 (densit* OR size OR population OR intensity OR number* OR mass OR weight OR strateg*) OR mob-grazing))
24,660
- S23 (DE “soil disturbance” OR DE “soil movement”) OR (TI ((soil OR soils) N2 (disturb* OR move OR moving OR movement OR chang* OR transfer* OR displac* OR disrupt* OR agit*)) OR AB ((soil OR soils) N2 (disturb* OR move OR moving OR movement OR chang* OR transfer* OR displac* OR disrupt* OR agit*)))
38,871
- S22 (DE “roots” OR DE “trees”) OR (TI ((root OR roots OR rooting OR rooted) N2 (deep* OR divers* OR depth) OR tree OR trees OR “herbal ley*” OR “species-rich forage”) OR AB ((root OR roots OR rooting OR rooted) N2 (deep* OR divers* OR depth) OR tree OR trees OR “herbal ley*” OR “species-rich forage”))
524,902
- S21 ((DE “organisms” OR DE “beneficial organisms” OR DE “biological control agents” OR DE “endemic species” OR DE “extremophiles” OR DE “hyperaccumulators” OR DE “indicator species” OR DE “introduced species” OR DE “invasive species” OR DE “nontarget organisms” OR DE “pioneer species” OR DE “allopatric species” OR DE “saprophytes” OR DE “seedborne organisms” OR DE “sibling species” OR DE “spoilage organisms” OR DE “symbionts” OR DE “sympatric species” OR DE “introduced species” OR DE “earthworms”)) OR (TI ((chang* OR increas* OR remov* OR add* OR decreas* OR reduc* OR manipul*) N2 (“large* organism*” OR macroorganism* OR earthworm*))) OR AB ((chang* OR increas* OR remov* OR add* OR decreas* OR reduc* OR manipul*) N2 (“large* organism*” OR macroorganism* OR earthworm*)))
191,867
- S20 (DE “tillage” OR DE “chiselling” OR DE “conservation tillage” OR DE “contour cultivation” OR DE “deep tillage” OR DE “digging” OR DE “earthing up” OR DE “harrowing” OR DE “hoeing” OR DE “interrow cultivation” OR DE “minimum tillage” OR DE “ploughing” OR DE “puddling” OR DE “reduced tillage” OR DE “ridging” OR DE “ripping” OR DE “rolling” OR DE “rotary cultivation” OR DE “row tillage” OR DE “seedbed preparation” OR DE “site preparation” OR DE “straw incorporation” OR DE “stubble cultivation” OR DE “subsoiling” OR DE “trenching” OR DE “vertical topsoiling” OR DE “conservation tillage” OR DE “contour cultivation” OR DE “deep tillage” OR DE “minimum tillage” OR DE “ploughing” OR DE “reduced tillage” OR DE “rotary cultivation” OR DE “row tillage” OR DE “trenching” OR DE “cultivation” OR DE “loosening” OR DE “tilth” OR DE “no-tillage” OR DE “subsoiling”) OR (TI (tillage OR no-till* OR no-tramlin* OR (widely N1 cropping) OR (cultivat* N2 (soil* OR field* OR land)) OR plough* OR plow* OR gardening OR geponics OR aerat* OR slitting OR shakerating OR subsoiling) OR AB (tillage OR no-till* OR no-tramlin* OR (widely N1 cropping) OR (cultivat* N2 (soil* OR field* OR land)) OR plough* OR plow* OR gardening OR geponics OR aerat* OR slitting OR shakerating OR subsoiling)))
117,042

- S19 (DE “organic matter” OR DE “soil organic matter” OR DE “humus” OR DE “organomineral complexes” OR DE “precision agriculture”) OR (TI ((chang* OR increas* OR remov* OR add* OR decreas* OR reduc* OR manipulat*) N2 (organic OR biologic* OR natural) N2 (matter OR material* OR substance* OR component* OR constituent* OR biosphere OR ecosphere OR biomaterial* OR humus) OR (precision N2 (farming OR agriculture))) OR AB ((chang* OR increas* OR remov* OR add* OR decreas* OR reduc* OR manipulat*) N2 (organic OR biologic* OR natural) N2 (matter OR material* OR substance* OR component* OR constituent* OR biosphere OR ecosphere OR biomaterial* OR humus) OR (precision N2 (farming OR agriculture))))
106,002
- S18 (DE “adaptability” OR DE “acclimatization” OR DE “adaptation”) OR (TI (resilien* OR adapt* OR acclimati*) OR AB (resilien* OR adapt* OR acclimati*))
262,920
- S17 (DE “climatic factors” OR DE “environmental factors”) OR (TI (((favourable OR favorable OR suitable OR positive OR liveable OR equable OR acceptable OR tolerable OR satisfactory) N2 (climate OR ((atmospheric OR environmental) N2 condition*))) OR AB (((favourable OR favorable OR suitable OR positive OR liveable OR equable OR acceptable OR tolerable OR satisfactory) N2 (climate OR ((atmospheric OR environmental) N2 condition*))))
92,009
- S16 ((DE “public health” OR DE “community health” OR DE “mental health” OR DE “wellness”) OR (TI (((better OR benefit* OR beneficial OR improv* OR enhanc* OR mental OR recover*) N2 health) OR wellness) OR AB (((better OR benefit* OR beneficial OR improv* OR enhanc* OR mental OR recover*) N2 health) OR wellness))
1,037,005
- S15 ((DE “drinking water” OR DE “fresh water” OR DE “tap water” OR DE “water quality” OR DE “water supply”) OR (DE “water treatment”)) OR (TI (((safe OR clean OR drinking OR potable OR fresh OR tap OR purified OR pure OR source OR purif* OR quality OR treated OR supply OR supplies) N2 water) OR freshwater) OR AB (((safe OR clean OR drinking OR potable OR fresh OR tap OR purified OR pure OR source OR purif* OR quality OR treated OR supply OR supplies) N2 water) OR freshwater))
308,536
- S14 (DE “drought” OR DE “drought resistance”) OR (DE “arid climate” OR DE “desertification” OR DE “drought injury” OR DE “dry conditions” OR DE “dry season” OR DE “water deprivation” OR DE “water stress”)) OR (TI ((drought OR desertification OR “dry season” OR “dry spell” OR “dry period” OR barren* OR ((scarc* OR low OR depleted OR deficien* OR dearth OR shortage* OR lack OR “short suppl*” OR insufficien*) N3 (water))) OR AB ((drought OR desertification OR “dry season” OR “dry spell” OR “dry period” OR barren* OR ((scarc* OR low OR depleted OR deficien* OR dearth OR shortage* OR lack OR “short suppl*” OR insufficien*) N3 (water)))))
171,442
- S13 (((DE “air quality”) OR (DE “air pollution”)) OR (DE “air pollutants”)) OR (TI (((air OR atmospheric) N2 (quality OR pollut* OR contaminat*)) OR ((fresh OR breathable OR good OR purified OR clean OR pure) N2 air)) OR AB (((air OR atmospheric) N2 (quality OR pollut* OR contaminat*)) OR ((fresh OR breathable OR good OR purified OR clean OR pure) N2 air)))
67,089
- S12 (DE “food production” OR DE “food crops” OR DE “crops” OR DE “agricultural products” OR DE “subsistence farming” OR DE “cash crops” OR DE “farming” OR DE “arable farming” OR DE “dairy farming” OR DE “livestock farming” OR DE “mixed farming” OR DE “peasant farming” OR DE “traditional farming” OR DE “transitional farming” OR DE “crop husbandry” OR DE “low input agriculture” OR DE “animal husbandry”) OR TI (((food* OR crop OR crops OR agricultur* OR farm* OR subsistence) N2 (produc* OR grow* OR manufactur* OR process* OR output*))) OR AB (((food* OR crop OR crops OR agricultur* OR farm* OR subsistence) N2 (produc* OR grow* OR manufactur* OR process* OR output*)))
326,924
- S11 DE “flood control” OR DE “flooding tolerance” OR TI ((flood* N3 (control* OR manag* OR prevent* OR defence* OR defense* OR protect* OR risk* OR levee*))) OR AB ((flood* N3 (control* OR manag* OR prevent* OR defence* OR defense* OR protect* OR risk* OR levee*)))
12,888
- S10 S4 OR S5 OR S6 OR S7 OR S8 OR S9
1,170,469

- S9 TI ((soil OR soils OR land OR field*) N2 (unmanaged OR fallow OR untilled OR set-aside OR unproductive OR uncultivated OR mineral)) OR AB ((soil OR soils OR land OR field*) N2 (unmanaged OR fallow OR untilled OR set-aside OR unproductive OR uncultivated OR mineral))
18,528
- S8 DE “fallow systems” OR DE “mineral soils” OR TI ((soil OR soils OR land OR field*) N2 (unmanaged OR fallow OR untilled OR set-aside OR unproductive OR uncultivated OR mineral)) OR AB ((soil OR soils OR land OR field*) N2 (unmanaged OR fallow OR untilled OR set-aside OR unproductive OR uncultivated OR mineral))
19,114
- S7 TI (forest* OR woods OR woodland* OR timberland* OR copse* OR coppice* OR thicket*) OR AB (forest* OR woods OR woodland* OR timberland* OR copse* OR coppice* OR thicket*)
400,905
- S6 DE “forests” OR DE “boreal forests” OR DE “bottomland forests” OR DE “broadleaved evergreen forests” OR DE “coniferous forests” OR DE “deciduous forests” OR DE “degraded forests” OR DE “mixed forests” OR DE “old-growth forests” OR DE “riparian forests” OR DE “secondary forests” OR DE “virgin forests” OR DE “forest plantations”
235,208
- S5 TI ((arable OR grassland* OR pasture* OR pasturage OR meadow* OR prairie* OR field* OR lea OR leas)) OR AB ((arable OR grassland* OR pasture* OR pasturage OR meadow* OR prairie* OR field* OR lea OR leas))
781,845
- S4 (DE “arable land” OR DE “arable soils” OR DE “arable farming” OR DE “grassland improvement” OR DE “grassland soils” OR DE “semiarid grassland soils” OR DE “grasslands” OR DE “arid grasslands” OR DE “chalk grasslands” OR DE “dune grasslands” OR DE “hill grasslands” OR DE “limestone grasslands” OR DE “meadows” OR DE “mountain grasslands” OR DE “natural grasslands” OR DE “permanent grasslands” OR DE “prairies” OR DE “riparian grasslands” OR DE “semiarid grasslands” OR DE “sown grasslands” OR DE “temperate grasslands” OR DE “annual grasslands” OR DE “woodland grasslands”)
94,968
- S3 S1 OR S2
74,194
- S2 TI(soil N3 (permeab* OR porous OR porosity OR pore) OR (Soil AND structure)) OR AB(soil N3 (permeab* OR porous OR porosity OR pore) OR (Soil AND structure))
43,539
- S1 ((DE “soil”) AND (DE “permeability”)) or DE “soil pore system” OR DE “soil biology” OR DE “soil management” OR DE “soil science” OR DE “agricultural soils” OR DE “soil structure”
39,982
- 2. Agris via Ebsco Discovery – Searched 22nd August 2019**
- S37 S1 AND S5 AND S30 AND S36
Limiters - Date of Publication: 20090101-20191231
2,953 – Limited to Agris – 163 hits (Selected European Countries)
- S36 S34 OR S35
4,159,123
- S35 TI (france OR germany OR netherlands) OR AB (france OR germany OR netherlands) OR SU (france OR germany OR netherlands)
Limiters - Date of Publication: 20090101-20191231
1,965,294
- S34 TI ((uk or “united kingdom” or britain or england or wales or scotland or “northern ireland”))) OR AB ((uk or “united kingdom” or britain or england or wales or scotland or “northern ireland”))) OR SU ((uk or “united kingdom” or britain or england or wales or scotland or “northern ireland”)))
Limiters - Date of Publication: 20090101-20191231
2,360,125
- S33 S1 AND S5 AND S30 AND S31
Limiters - Date of Publication: 20090101-20191231
677 – Limited to Agris – 111 hits (Reviews only)
- S32 S1 AND S5 AND S30 AND S31
1,240
- S31 TI (review OR reviews) OR AB (review OR reviews) OR SU (review OR reviews)
15,267,489
- S30 S6 OR S7 OR S8 OR S9 OR S10 OR S11 OR S12 OR S13 OR S14 OR S15 OR S16 OR S17 OR S18 OR S19 OR S20 OR S21 OR S22 OR S23 OR S24 OR S25 OR S26 OR S27 OR S28 OR S29
13,016,877

- S29 TI (("public benefit outcome*" OR "ecosystem service*" OR "natural capital" OR "public benefit*" OR "public good*")) OR AB (("public benefit outcome*" OR "ecosystem service*" OR "natural capital" OR "public benefit*" OR "public good*")) OR SU (("public benefit outcome*" OR "ecosystem service*" OR "natural capital" OR "public benefit*" OR "public good*"))
237,366
- S28 TI (((soil OR shear) N2 strength)) OR AB (((soil OR shear) N2 strength)) OR SU (((soil OR shear) N2 strength))
111,797
- S27 TI (("decomposition rate*" OR ((assess* OR diagnos* OR measur*) N2 soil))) OR AB (("decomposition rate*" OR ((assess* OR diagnos* OR measur*) N2 soil))) OR SU (("decomposition rate*" OR ((assess* OR diagnos* OR measur*) N2 soil)))
148,296
- S26 TI ((porosity OR porous* OR permeab* OR patenc* OR spong* OR consistenc* OR puffy OR puffiness)) OR AB ((porosity OR porous* OR permeab* OR patenc* OR spong* OR consistenc* OR puffy OR puffiness)) OR SU ((porosity OR porous* OR permeab* OR patenc* OR spong* OR consistenc* OR puffy OR puffiness))
2,650,701
- S25 TI (((aggregate OR soil OR particle*) N2 (stabili* OR resist*))) OR AB (((aggregate OR soil OR particle*) N2 (stabili* OR resist*))) OR SU (((aggregate OR soil OR particle*) N2 (stabili* OR resist*)))
91,561
- S24 TI (((hydraulic OR liquid* OR fluid* OR water) N2 (conductivity OR movement OR moving OR "pass* through*" OR "travel* through"))) OR AB (((hydraulic OR liquid* OR fluid* OR water) N2 (conductivity OR movement OR moving OR "pass* through*" OR "travel* through"))) OR SU (((hydraulic OR liquid* OR fluid* OR water) N2 (conductivity OR movement OR moving OR "pass* through*" OR "travel* through")))
157,025
- S23 TI (((bulk OR apparent OR volumetric) N2 density)) OR AB (((bulk OR apparent OR volumetric) N2 density)) OR SU (((bulk OR apparent OR volumetric) N2 density))
132,154
- S22 TI ((compact* OR compress* OR packing OR densif* OR concentrat* OR settl*)) OR AB ((compact* OR compress* OR packing OR densif* OR concentrat* OR settl*)) OR SU ((compact* OR compress* OR packing OR densif* OR concentrat* OR settl*))
13,280,086
- S21 TI ((infiltrat* OR penetrat* OR percolat* OR seep* OR permeab* OR soak*)) OR AB ((infiltrat* OR penetrat* OR percolat* OR seep* OR permeab* OR soak*)) OR SU ((infiltrat* OR penetrat* OR percolat* OR seep* OR permeab* OR soak*))
2,407,222
- S20 TI ((diffusivity OR diffusion OR ((water OR liquid* OR fluid*) N2 (movement OR spread*)))) OR AB ((diffusivity OR diffusion OR ((water OR liquid* OR fluid*) N2 (movement OR spread*)))) OR SU ((diffusivity OR diffusion OR ((water OR liquid* OR fluid*) N2 (movement OR spread*))))
1,991,213
- S19 TI ((livestock OR "farm animal*" OR cattle OR herd* OR stock*) N2 (densit* OR size OR population OR intensity OR number* OR mass OR weight OR strateg* OR mob-grazing)) OR AB ((livestock OR "farm animal*" OR cattle OR herd* OR stock*) N2 (densit* OR size OR population OR intensity OR number* OR mass OR weight OR strateg* OR mob-grazing)) OR SU ((livestock OR "farm animal*" OR cattle OR herd* OR stock*) N2 (densit* OR size OR population OR intensity OR number* OR mass OR weight OR strateg* OR mob-grazing))
127,572
- S1 TI ((soil OR soils) N2 (disturb* OR move OR moving OR movement OR chang* OR transfer* OR displac* OR disrupt* OR agitat*)) OR AB ((soil OR soils) N2 (disturb* OR move OR moving OR movement OR chang* OR transfer* OR displac* OR disrupt* OR agitat*)) OR SU ((soil OR soils) N2 (disturb* OR move OR moving OR movement OR chang* OR transfer* OR displac* OR disrupt* OR agitat*))
139,504
- S17 TI (((root OR roots OR rooting OR rooted) N2 (deep* OR divers* OR depth) OR tree OR trees OR "herbal ley*" OR "species-rich forage")) OR AB (((root OR roots OR rooting OR rooted) N2 (deep* OR divers* OR depth) OR tree OR trees OR "herbal ley*" OR "species-rich forage")) OR SU (((root OR roots OR rooting OR rooted) N2 (deep* OR divers* OR depth) OR tree OR trees OR "herbal ley*" OR "species-rich forage"))
2,848,178

- S16 TI (((chang* OR increas* OR remov* OR add* OR decreas* OR reduc* OR manipul*) N2 ("large* organism*" OR macroorganism* OR earthworm*))) OR AB (((chang* OR increas* OR remov* OR add* OR decreas* OR reduc* OR manipul*) N2 ("large* organism*" OR macroorganism* OR earthworm*))) OR SU (((chang* OR increas* OR remov* OR add* OR decreas* OR reduc* OR manipul*) N2 ("large* organism*" OR macroorganism* OR earthworm*))) 5,429
- S15 TI ((tillage OR no-till* OR no-tramlin* OR (widely N1 cropping) OR (cultivat* N2 (soil* OR field* OR land)) OR plough* OR plow* OR gardening OR geonics OR aerat* OR slitting OR shakerating OR subsoiling)) OR AB ((tillage OR no-till* OR no-tramlin* OR (widely N1 cropping) OR (cultivat* N2 (soil* OR field* OR land)) OR plough* OR plow* OR gardening OR geonics OR aerat* OR slitting OR shakerating OR subsoiling)) OR SU ((tillage OR no-till* OR no-tramlin* OR (widely N1 cropping) OR (cultivat* N2 (soil* OR field* OR land)) OR plough* OR plow* OR gardening OR geonics OR aerat* OR slitting OR shakerating OR subsoiling)) 600,521
- S14 TI (((chang* OR increas* OR remov* OR add* OR decreas* OR reduc* OR manipul*) N2 (organic OR biologic* OR natural) N2 (matter OR material* OR substance* OR component* OR constituent* OR biosphere OR ecosphere OR biomaterial* OR humus) OR (precision N2 (farming OR agriculture)))) OR AB (((chang* OR increas* OR remov* OR add* OR decreas* OR reduc* OR manipul*) N2 (organic OR biologic* OR natural) N2 (matter OR material* OR substance* OR component* OR constituent* OR biosphere OR ecosphere OR biomaterial* OR humus) OR (precision N2 (farming OR agriculture)))) OR SU (((chang* OR increas* OR remov* OR add* OR decreas* OR reduc* OR manipul*) N2 (organic OR biologic* OR natural) N2 (matter OR material* OR substance* OR component* OR constituent* OR biosphere OR ecosphere OR biomaterial* OR humus) OR (precision N2 (farming OR agriculture)))) 78,822
- S13 TI ((resilien* OR adapt* OR acclimati*)) OR AB ((resilien* OR adapt* OR acclimati*)) OR SU ((resilien* OR adapt* OR acclimati*)) 6,153,343
- S12 TI ((((favourable OR favorable OR suitable OR positive OR liveable OR equable OR acceptable OR tolerable OR satisfactory) N2 (climate OR ((atmospheric OR environmental) N2 condition*)))) OR AB ((((favourable OR favorable OR suitable OR positive OR liveable OR equable OR acceptable OR tolerable OR satisfactory) N2 (climate OR ((atmospheric OR environmental) N2 condition*)))) OR SU ((((favourable OR favorable OR suitable OR positive OR liveable OR equable OR acceptable OR tolerable OR satisfactory) N2 (climate OR ((atmospheric OR environmental) N2 condition*)))) 29,615
- S11 TI ((((better OR benefit* OR beneficial OR improv* OR enhanc* OR mental OR recover*) N2 health) OR wellness)) OR AB ((((better OR benefit* OR beneficial OR improv* OR enhanc* OR mental OR recover*) N2 health) OR wellness)) OR SU ((((better OR benefit* OR beneficial OR improv* OR enhanc* OR mental OR recover*) N2 health) OR wellness)) 1,534,844
- S10 TI ((((safe OR clean OR drinking OR potable OR fresh OR tap OR purified OR pure OR source OR purif* OR quality OR treated OR supply OR supplies) N2 water) OR freshwater)) OR AB ((((safe OR clean OR drinking OR potable OR fresh OR tap OR purified OR pure OR source OR purif* OR quality OR treated OR supply OR supplies) N2 water) OR freshwater)) OR SU ((((safe OR clean OR drinking OR potable OR fresh OR tap OR purified OR pure OR source OR purif* OR quality OR treated OR supply OR supplies) N2 water) OR freshwater)) 1,841,454
- S9 TI (((drought OR desertification OR "dry season*" OR "dry spell*" OR "dry period*" OR barren* OR ((scarc* OR low OR depleted OR deficien* OR dearth OR shortage* OR lack OR "short suppl*" OR insufficien*) N3 (water))))) OR AB (((drought OR desertification OR "dry season*" OR "dry spell*" OR "dry period*" OR barren* OR ((scarc* OR low OR depleted OR deficien* OR dearth OR shortage* OR lack OR "short suppl*" OR insufficien*) N3 (water))))) OR SU (((drought OR desertification OR "dry season*" OR "dry spell*" OR "dry period*" OR barren* OR ((scarc* OR low OR depleted OR deficien* OR dearth OR shortage* OR lack OR "short suppl*" OR insufficien*) N3 (water))))) 807,180

S8 TI (((air OR atmospheric) N2 (quality OR pollut* OR contaminat*)) OR ((fresh OR breathable OR good OR purified OR clean OR pure) N2 air))) OR AB (((air OR atmospheric) N2 (quality OR pollut* OR contaminat*)) OR ((fresh OR breathable OR good OR purified OR clean OR pure) N2 air))) OR SU (((air OR atmospheric) N2 (quality OR pollut* OR contaminat*)) OR ((fresh OR breathable OR good OR purified OR clean OR pure) N2 air)))
764,258

S7 TI (((food* OR crop OR crops OR agricultur* OR farm* OR subsistence) N2 (produc* OR grow* OR manufactur* OR process* OR output*))) OR AB (((food* OR crop OR crops OR agricultur* OR farm* OR subsistence) N2 (produc* OR grow* OR manufactur* OR process* OR output*))) OR SU (((food* OR crop OR crops OR agricultur* OR farm* OR subsistence) N2 (produc* OR grow* OR manufactur* OR process* OR output*))))
1,808,266

S6 TI (((flood* N3 (control* OR manag* OR prevent* OR defence* OR defense* OR protect* OR risk* OR levee*)))) OR AB (((flood* N3 (control* OR manag* OR prevent* OR defence* OR defense* OR protect* OR risk* OR levee*)))) OR SU (((flood* N3 (control* OR manag* OR prevent* OR defence* OR defense* OR protect* OR risk* OR levee*)))))
129,102

S5 S2 OR S3 OR S4
17,059,499

S4 TI (((soil OR soils OR land OR field*) N2 (unmanaged OR fallow OR untilled OR set-aside OR unproductive OR uncultivated OR mineral))) OR AB (((soil OR soils OR land OR field*) N2 (unmanaged OR fallow OR untilled OR set-aside OR unproductive OR uncultivated OR mineral))) OR SU (((soil OR soils OR land OR field*) N2 (unmanaged OR fallow OR untilled OR set-aside OR unproductive OR uncultivated OR mineral))))
73,978

S3 TI ((forest* OR woods OR woodland* OR timberland* OR copse* OR coppice* OR thicket*)) OR AB ((forest* OR woods OR woodland* OR timberland* OR copse* OR coppice* OR thicket*)) OR SU ((forest* OR woods OR woodland* OR timberland* OR copse* OR coppice* OR thicket*)))
3,961,456

S2 TI ((arable OR grassland* OR pasture* OR pasturage OR meadow* OR prairie* OR field* OR lea OR leas)) OR AB ((arable OR grassland* OR pasture* OR pasturage OR meadow* OR prairie* OR field* OR lea OR leas)) OR SU ((arable OR grassland* OR pasture* OR pasturage OR meadow* OR prairie* OR field* OR lea OR leas))
13,816,987

S1 TI(soil N3 (permeab* OR porous OR porosity OR pore) OR (Soil AND structure)) OR AB(soil N3 (permeab* OR porous OR porosity OR pore) OR (Soil AND structure)) OR SU(soil N3 (permeab* OR porous OR porosity OR pore) OR (Soil AND structure))
259,192

3. Web of Science (Science Citation Index & Social Sciences Citation Index) - Searched 21st August 2019

3396 - Reviews

#30 AND #27

Refined by: WEB OF SCIENCE CATEGORIES: (SOIL SCIENCE OR ENVIRONMENTAL SCIENCES OR AGRONOMY)

Indexes=SCI-EXPANDED, SSCI Timespan=2009-2019

32151 – Selected European Countries

#28 AND #27

Refined by: WEB OF SCIENCE CATEGORIES: (SOIL SCIENCE OR ENVIRONMENTAL SCIENCES OR AGRONOMY)

Indexes=SCI-EXPANDED, SSCI Timespan=2009-2019

31 144

#30 AND #27

30

1,230,672

TS=(review or reviews)

29

220

#28 AND #27

28

365,308

TS=((uk or "united kingdom" or britain or england or wales or scotland or "northern ireland" or france or germany or netherlands))

275,030

#26 AND #2 AND #1

26
4,054,289
#25 OR #24 OR #23 OR #22 OR #21 OR #20 OR #19 OR #18 OR #17 OR #16 OR #15 OR #14 OR #13 OR #12 OR #11 OR #10 OR #9 OR #8 OR #7 OR #6 OR #5 OR #4 OR #3

25
30,380
TS=(“ecosystem service*” OR “natural capital” OR “public benefit*” OR “public good*”)

24
21,366
TS=((soil OR shear) NEAR/2 strength)

23
488,403
TS=(porosity OR porous* OR permeab* OR patenc* OR spong* OR consistenc* OR puffy OR puffiness)

22
15,331
TS=((aggregate OR soil OR particle*) NEAR/2 (stabili* OR resist*)))

21
25,554
TS=((hydraulic OR liquid* OR fluid* OR water) NEAR/2 (conductivity OR movement OR moving OR “pass* through*” OR “travel* through”)))

20
19,162
TS=((bulk OR apparent OR volumetric) NEAR/2 density)

19
1,915,004
TS=(compact* OR compress* OR packing OR densif* OR concentrat* OR settl*)

18
411,943
TS=(infiltrat* OR penetrat* OR percolat* OR seep* OR permeab* OR soak*)

17
347,504
TS=(diffusivity OR diffusion OR ((water OR liquid* OR fluid*) NEAR/2 (movement OR spread*)))

16
12,399
TS=((livestock OR “farm animal*” OR cattle OR herd* OR stock*) NEAR/2 (densit* OR size OR population OR intensity OR number* OR mass OR weight OR strateg*) OR mob-grazing)

15
18,404
TS=((soil OR soils) NEAR/2 (disturb* OR move OR moving OR movement OR chang* OR transfer* OR displac* OR disrupt* OR agitat*))

14
218,634
TS=((root OR roots OR rooting OR rooted) NEAR/2 (deep* OR divers* OR depth) OR tree OR trees OR “herbal ley*” OR “species-rich forage”)

13
840
TS=((chang* OR increas* OR remov* OR add* OR decreas* OR reduc* OR manipulat*) NEAR/2 (“large* organism*” OR macroorganism* OR earthworm*))

12
73,798
TS=(tillage OR no-till* OR no-tramlin* OR (widely NEAR/1 cropping) OR (cultivat* NEAR/2 (soil* OR field* OR land)) OR plough* OR plow* OR gardening OR geponics OR aerat* OR slitting OR shakerating OR subsoiling)

11
10,960
TS=((chang* OR increas* OR remov* OR add* OR decreas* OR reduc* OR manipulat*) NEAR/2 (organic OR biologic* OR natural) NEAR/2 (matter OR material* OR substance* OR component* OR constituent* OR biosphere OR ecosphere OR biomaterial* OR humus) OR (precision NEAR/2 (farming OR agriculture)))

10
631,361
TS=(resilien* OR adapt* OR acclimat*)

9
3,333
TS=(((favourable OR favorable OR suitable OR positive OR liveable OR equable OR acceptable OR tolerable OR satisfactory) NEAR/2 (climate OR ((atmospheric OR environmental) NEAR/2 condition*)))

8
202,245
TS=(((better OR benefit* OR beneficial OR improv* OR enhanc* OR mental OR recover*) NEAR/2 health) OR wellness)

7
213,313
TS=(((safe OR clean OR drinking OR potable OR fresh OR tap OR purified OR pure OR source OR purif* OR quality OR treated OR supply OR supplies) NEAR/2 water) OR freshwater)

6

119,983

TS=(drought OR desertification OR “dry season*” OR “dry spell*” OR “dry period*” OR barren* OR ((scarce* OR low OR depleted OR deficient* OR dearth OR shortage* OR lack OR “short supply*” OR insufficient*) NEAR/3 (water)))

5

67,643

TS=((((air OR atmospheric) NEAR/2 (quality OR pollut* OR contaminat*)) OR ((fresh OR breathable OR good OR purified OR clean OR pure) NEAR/2 air))

4

101,060

TS((((food* OR crop OR crops OR agricultur* OR farm* OR subsistence) NEAR/2 (product* OR grow* OR manufactur* OR process* OR output*)))

3

10,546

TS=((flood* NEAR/3 (control* OR manag* OR prevent* OR defence* OR defense* OR protect* OR risk* OR levee*)))

2

1,713,508

TS=(arable OR grassland* OR pasture* OR pasturage OR meadow* OR prairie* OR field* OR lea OR leas OR forest* OR woods OR woodland* OR timberland* OR copse* OR coppice* OR thicket* OR ((soil OR soils OR land OR field*) NEAR/2 (unmanaged OR fallow OR untilled OR set-aside OR unproductive OR uncultivated OR mineral)))

1

14,893

TS=(soil NEAR/3 (permeab* OR porous OR porosity OR pore OR structure))

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