Search queries/criteria LOG

|  |  |  |
| --- | --- | --- |
| Query ID | Target database/notes | Search string |
| SQ1 | SCOPUS | TITLE-ABS-KEY("system of systems" OR "systems of systems" OR  "system-of-systems" OR "systems-of-systems" OR "Federations of Systems" OR "Ultra Large Scale Systems" OR "Cyber-Physical Systems" OR "Self-adaptive systems")  AND  TITLE-ABS-KEY(  "systematic literature review" OR "systematic mapping review" OR "systematic review" OR "systematic mapping study" OR "literature analysis" OR "literature review" OR "In-depth survey" OR "literature survey" OR "past studies" OR "subject matter expert" OR "Analysis of research" OR "meta-analysis" OR "structured review" OR "review of studies" OR "empirical body of knowledge" ) AND SUBJAREA(comp). |
| SQ2 | SCOPUS  ‘Survey’ keywords removed | TITLE-ABS-KEY("system of systems" OR "systems of systems" OR  "system-of-systems" OR "systems-of-systems" OR "Federations of Systems" OR "Ultra Large Scale Systems" OR "Cyber-Physical Systems" OR "Self-adaptive systems")  AND  TITLE-ABS-KEY(  "systematic literature review" OR "systematic mapping review" OR "systematic review" OR "systematic mapping study" OR "literature analysis" OR "literature review" OR "past studies" OR "subject matter expert" OR "Analysis of research" OR "meta-analysis" OR "structured review" OR "review of studies" OR "empirical body of knowledge" ) AND SUBJAREA(comp). |
| SQ3 | IEEExplore | ("Abstract":"system of systems" OR  "Abstract":"systems of systems" OR  "Abstract":"system-of-systems" OR  "Abstract":"systems-of-systems" OR  "Abstract":"federations of Systems" OR  "Abstract":"ultra Large Scale Systems" OR  "Abstract":"cyber-Physical Systems" OR  "Abstract":"self-adaptive systems")  AND  ("Abstract":"systematic literature review" OR "Abstract":"systematic mapping review" OR "Abstract":"systematic review" OR "Abstract":"systematic mapping study" OR "Abstract":"literature analysis" OR "Abstract":"literature review" OR "Abstract":"past studies" OR "Abstract":"subject matter expert" OR "Abstract":"Analysis of research" OR "Abstract":"meta-analysis" OR "Abstract":"structured review" OR "Abstract":"review of studies" OR "Abstract":"empirical body of knowledge") |
| SQ4 | IEEExplore  SpringerLink | ("system of systems" OR  "systems of systems" OR  "system-of-systems" OR  "systems-of-systems" OR  "Federations of Systems" OR  "Ultra Large Scale Systems" OR  "Cyber-Physical Systems" OR  "Self-adaptive systems")  AND  ("systematic literature review" OR "systematic mapping review" OR "systematic review" OR "systematic mapping study" OR "literature analysis" OR "literature review" OR "past studies" OR "subject matter expert" OR "Analysis of research" OR "meta-analysis" OR "structured review" OR "review of studies" OR "empirical body of knowledge") |
| SQ5 | ACM | recordAbstract:("system of systems","systems of systems","system-of-systems" , "systems-of-systems","Federations of Systems","Ultra Large Scale Systems","Cyber-Physical Systems","Self-adaptive systems") AND recordAbstract:("systematic literature review","systematic mapping review" ,"systematic review" ,"systematic mapping study" ,"literature analysis" ,"literature review" ,"past studies" ,"subject matter expert" ,"Analysis of research" ,"meta-analysis" ,"structured review" ,"review of studies" ,"empirical body of knowledge") |
| SQ6 | SpringerLink  Removed:  "literature analysis"  "literature review"  "past studies"  "subject matter expert"  "Analysis of research" | ("system of systems" OR  "systems of systems" OR  "system-of-systems" OR  "systems-of-systems" OR  "Federations of Systems" OR  "Ultra Large Scale Systems" OR  "Cyber-Physical Systems" OR  "Self-adaptive systems")  AND  ("systematic literature review" OR "systematic mapping review" OR "systematic review" OR "systematic mapping study" OR "literature analysis" OR "meta-analysis" OR "structured review" OR "review of studies") |
| SQ7 | SCOPUS   * Including architecture/architecting | TITLE-ABS-KEY("system of systems" OR "systems of systems" OR  "system-of-systems" OR "systems-of-systems" OR "Federations of Systems" OR "Ultra Large Scale Systems" OR "Cyber-Physical Systems" OR "Self-adaptive systems")  AND  TITLE-ABS-KEY(“architecture” OR "architecting" OR "engineering")  AND  TITLE-ABS-KEY(  "systematic literature review" OR  "systematic mapping review" OR  "systematic review" OR  "systematic mapping study" OR  "literature analysis" OR  "literature review" OR  "In-depth survey" OR  "literature survey" OR  "past studies" OR  "subject matter expert" OR  "Analysis of research" OR  "meta-analysis" OR  "structured review" OR  "review of studies" OR  "empirical body of knowledge"  ) AND SUBJAREA(comp). |
| SQ8 | SpringerLink   * Including architecture/architecting | ("system of systems" OR  "systems of systems" OR  "system-of-systems" OR  "systems-of-systems" OR  "Federations of Systems" OR  "Ultra Large Scale Systems" OR  "Cyber-Physical Systems" OR  "Self-adaptive systems")  AND  (“architecture” OR "architecting" OR "engineering")  AND  ("systematic literature review" OR  "systematic mapping review" OR  "systematic review" OR  "systematic mapping study" OR  "literature analysis" OR  "literature review" OR  "past studies" OR  "subject matter expert" OR  "Analysis of research" OR  "meta-analysis" OR  "structured review" OR  "review of studies" OR  "empirical body of knowledge") |
| SQ9 | IEEExplore   * Including architecture/architecting | ("Abstract":"system of systems" OR  "Abstract":"systems of systems" OR  "Abstract":"system-of-systems" OR  "Abstract":"systems-of-systems" OR  "Abstract":"federations of Systems" OR  "Abstract":"ultra Large Scale Systems" OR  "Abstract":"cyber-Physical Systems" OR  "Abstract":"self-adaptive systems")  AND  ("Abstract":“architecture” OR "Abstract":"architecting" OR "Abstract":"engineering")  AND  ("Abstract":"systematic literature review" OR  "Abstract":"systematic mapping review" OR  "Abstract":"systematic review" OR  "Abstract":"systematic mapping study" OR  "Abstract":"literature analysis" OR  "Abstract":"literature review" OR  "Abstract":"past studies" OR  "Abstract":"subject matter expert" OR  "Abstract":"Analysis of research" OR  "Abstract":"meta-analysis" OR  "Abstract":"structured review" OR  "Abstract":"review of studies" OR  "Abstract":"empirical body of knowledge") |
| SQ10 | ACM | recordAbstract:("system of systems","systems of systems","system-of-systems" , "systems-of-systems","Federations of Systems","Ultra Large Scale Systems","Cyber-Physical Systems","Self-adaptive systems") AND recordAbstract:("architecture" OR "architecting" OR "engineering") AND recordAbstract:("systematic literature review","systematic mapping review" ,"systematic review" ,"systematic mapping study" ,"literature analysis" ,"literature review" ,"past studies" ,"subject matter expert" ,"Analysis of research" ,"meta-analysis" ,"structured review" ,"review of studies" ,"empirical body of knowledge") |
| SQ11 | WebOfScience | TS=("system of systems" OR  "systems of systems" OR  "system-of-systems" OR  "systems-of-systems" OR  "Federations of Systems" OR  "Ultra Large Scale Systems" OR  "Cyber-Physical Systems" OR  "Self-adaptive systems")  AND  TS=("architecture” OR "architecting" OR "engineering")  AND  TS=("systematic literature review" OR  "systematic mapping review" OR  "systematic review" OR  "systematic mapping study" OR  "literature analysis" OR  "literature review" OR  "past studies" OR  "subject matter expert" OR  "Analysis of research" OR  "meta-analysis" OR  "structured review" OR  "review of studies" OR  "empirical body of knowledge") |
| SQ12 | Scopus | TITLE-ABS-KEY ( "system of systems" OR "systems of systems" OR "system-of-systems" OR "systems-of-systems" OR "Federations of Systems" OR "Ultra Large Scale Systems" OR "Cyber-Physical Systems" OR "Self-adaptive systems" OR "smart-\*" )  AND TITLE-ABS-KEY ( "architecture" OR "architecting" OR "engineering" )  AND TITLE-ABS-KEY ( "systematic literature review" OR "systematic mapping review" OR "systematic review" OR "systematic mapping study" OR "literature analysis" OR "literature review" OR "In-depth survey" OR "literature survey" OR "past studies" OR "subject matter expert" OR "Analysis of research" OR "meta-analysis" OR "structured review" OR "review of studies" OR "empirical body of knowledge" ) AND SUBJAREA ( comp ) |
| SQ13 | SpringerLink | (  "system of systems" OR  "systems of systems" OR  "system-of-systems" OR  "systems-of-systems" OR  "Federations of Systems" OR  "Ultra Large Scale Systems" OR  "Cyber-Physical Systems" OR  "Self-adaptive systems" OR  "Smart-\*"  )  AND  ("architecture" OR "architecting" OR "engineering")  AND  ("systematic literature review" OR  "systematic mapping review" OR  "systematic review" OR  "systematic mapping study" OR  "literature analysis" OR  "literature review" OR  "past studies" OR  "subject matter expert" OR  "Analysis of research" OR  "meta-analysis" OR  "structured review" OR  "review of studies" OR  "empirical body of knowledge") |
| SQ14 | SpringerLink | (  "system of systems" OR  "systems of systems" OR  "system-of-systems" OR  "systems-of-systems" OR  "Federations of Systems" OR  "Ultra Large Scale Systems" OR  "Cyber-Physical Systems" OR  "Self-adaptive systems" OR  "Smart manufacturing" OR  "Smart Industry" OR  "Smart Healthcare" OR  "Smart Cities" OR  "Smart Tourism" OR  "Smart Agriculture" OR  "Smart Transportation" OR  "Smart Logistics"  )  AND  ("architecture" OR "architecting" OR "engineering")  AND  ("systematic literature review" OR  "systematic mapping review" OR  "systematic review" OR  "systematic mapping study" OR  "literature analysis" OR  "literature review" OR  "past studies" OR  "subject matter expert" OR  "Analysis of research" OR  "meta-analysis" OR  "structured review" OR  "review of studies" OR  "empirical body of knowledge") |
| SQ15 | IEEExplore | ("Abstract":"system of systems" OR  "Abstract":"systems of systems" OR  "Abstract":"system-of-systems" OR  "Abstract":"systems-of-systems" OR  "Abstract":"federations of Systems" OR  "Abstract":"ultra Large Scale Systems" OR  "Abstract":"cyber-Physical Systems" OR  "Abstract":"self-adaptive systems" OR  "Abstract":smart\*  )  AND  ("Abstract":“architecture” OR "Abstract":"architecting" OR "Abstract":"engineering")  AND  ("Abstract":"systematic literature review" OR  "Abstract":"systematic mapping review" OR  "Abstract":"systematic review" OR  "Abstract":"systematic mapping study" OR  "Abstract":"literature analysis" OR  "Abstract":"literature review" OR  "Abstract":"past studies" OR  "Abstract":"subject matter expert" OR  "Abstract":"Analysis of research" OR  "Abstract":"meta-analysis" OR  "Abstract":"structured review" OR  "Abstract":"review of studies" OR  "Abstract":"empirical body of knowledge") |
| SQ16 | ACM | Abstract:("system of systems","systems of systems","system-of-systems" , "systems-of-systems","Federations of Systems","Ultra Large Scale Systems","Cyber-Physical Systems","Self-adaptive systems", "Smart manufacturing", "Smart Industry", "Smart Healthcare", "Smart Cities", "Smart Tourism" ,"Smart Agriculture", "Smart Transportation" "Smart Logistics")  AND recordAbstract:("architecture" OR "architecting" OR "engineering")  AND recordAbstract:("systematic literature review","systematic mapping review" ,"systematic review" ,"systematic mapping study" ,"literature analysis" ,"literature review" ,"past studies" ,"subject matter expert" ,"Analysis of research" ,"meta-analysis" ,"structured review" ,"review of studies" ,"empirical body of knowledge") |
|  |  |  |
| SQ17 | SCOPUS | TITLE-ABS-KEY ( "system of systems" OR "systems of systems" OR "system-of-systems" OR "systems-of-systems" )  AND TITLE-ABS-KEY ( "architecture" OR "architecting" OR "engineering" )  AND TITLE-ABS-KEY ( "systematic literature review" OR "systematic mapping review" OR "systematic review" OR "systematic mapping study" OR "literature analysis" OR "literature review" OR "In-depth survey" OR "literature survey" OR "past studies" OR "subject matter expert" OR "Analysis of research" OR "meta-analysis" OR "structured review" OR "review of studies" OR "empirical body of knowledge" ) AND SUBJAREA ( comp ) |
| SQ18 | SpringerLink  Discipline:Computer science/Subdiscipline: Software engineering. | (  "system of systems" OR  "systems of systems" OR  "system-of-systems" OR  "systems-of-systems"  )  AND  ("architecture" OR "architecting" OR "engineering")  AND  ("systematic literature review" OR  "systematic mapping review" OR  "systematic review" OR  "systematic mapping study" OR  "literature analysis" OR  "literature review" OR  "past studies" OR  "subject matter expert" OR  "Analysis of research" OR  "meta-analysis" OR  "structured review" OR  "review of studies" OR  "empirical body of knowledge") |
| SQ19 | IEEExplore | ("Index Terms":.QT.system of systems.QT. OR "Abstract":.QT.system of systems.QT. OR "Index Terms":.QT.systems of systems.QT. OR "Abstract":.QT.systems of systems.QT. OR  "Index Terms":.QT.system-of-systems.QT. OR "Abstract":.QT.system-of-systems.QT. OR  "Index Terms":.QT.systems-of-systems.QT. OR "Abstract":.QT.systems-of-systems.QT.)  AND  ("Abstract":“architecture” OR "Abstract":.QT.architecting.QT. OR "Abstract":.QT.engineering.QT.)  AND  ("Abstract":.QT.systematic literature review.QT. OR  "Abstract":.QT.systematic mapping review.QT. OR  "Abstract":.QT.systematic review.QT. OR  "Abstract":.QT.systematic mapping study.QT. OR  "Abstract":.QT.literature analysis.QT. OR  "Abstract":.QT.literature review.QT. OR  "Abstract":.QT.past studies.QT. OR  "Abstract":.QT.subject matter expert.QT. OR  "Abstract":.QT.Analysis of research.QT. OR  "Abstract":.QT.meta-analysis.QT. OR  "Abstract":.QT.structured review.QT. OR  "Abstract":.QT.review of studies.QT. OR  "Abstract":.QT.empirical body of knowledge.QT.) |
| SQ20 | ACM | recordAbstract:("system of systems","systems of systems","system-of-systems" , "systems-of-systems")  AND recordAbstract:("architecture" OR "architecting" OR "engineering")  AND recordAbstract:("systematic literature review","systematic mapping review" ,"systematic review" ,"systematic mapping study" ,"literature analysis" ,"literature review" ,"past studies" ,"subject matter expert" ,"Analysis of research" ,"meta-analysis" ,"structured review" ,"review of studies" ,"empirical body of knowledge") |
| SQ21 | WebOfScience | TS=("system of systems" OR  "systems of systems" OR  "system-of-systems" OR  "systems-of-systems")  AND  TS=("architecture” OR "architecting" OR "engineering")  AND  TS=("systematic literature review" OR  "systematic mapping review" OR  "systematic review" OR  "systematic mapping study" OR  "literature analysis" OR  "literature review" OR  "past studies" OR  "subject matter expert" OR  "Analysis of research" OR  "meta-analysis" OR  "structured review" OR  "review of studies" OR  "empirical body of knowledge") |
| SQ22 | Elsevier | (tak({Systems of Systems}) OR tak({System of Systems}) OR  tak({Systems-of-Systems}) OR tak({System-of-Systems}) )  AND  (tak({architecture}) OR tak({architecting}) OR tak({engineering}))  AND  (tak({systematic literature review}) OR  tak({systematic mapping review}) OR  tak({systematic review}) OR  tak({systematic mapping study}) OR  tak({literature analysis}) OR  tak({literature review}) OR  tak({past studies}) OR  tak({subject matter expert}) OR  tak({Analysis of research}) OR  tak({meta-analysis}) OR  tak({structured review}) OR  tak({review of studies}) OR  tak({empirical body of knowledge})) |
|  |  |  |
| SQ23/SQ24/SQ25/SQ26/SQ27/SQ28/ |  | “Systematic mapping” instead of “Systematic mapping study” |
|  |  |  |
| SQ29 | SCOPUS | TITLE-ABS-KEY ( "system of systems" OR "systems of systems" OR "system-of-systems" OR "systems-of-systems" )  AND TITLE-ABS-KEY ( "architecture" OR "architecting" OR "engineering" OR "development")  AND TITLE-ABS-KEY ( "systematic literature review" OR "systematic mapping" OR "systematic review" OR "systematic mapping study" OR "literature analysis" OR "literature review" OR "In-depth survey" OR "literature survey" OR "past studies" OR "subject matter expert" OR "Analysis of research" OR "meta-analysis" OR "structured review" OR "review of studies" OR "empirical body of knowledge" ) AND SUBJAREA ( comp ) |
| SQ30 | SpringerLink | (  "system of systems" OR  "systems of systems" OR  "system-of-systems" OR  "systems-of-systems"  )  AND  ("architecture" OR "architecting" OR "engineering" OR “development”)  AND  ("systematic literature review" OR  "systematic mapping review" OR  "systematic review" OR  "systematic mapping" OR  "literature analysis" OR  "literature review" OR  "past studies" OR  "subject matter expert" OR  "Analysis of research" OR  "meta-analysis" OR  "structured review" OR  "review of studies" OR  "empirical body of knowledge") |
| SQ31 | IEEExplore | ("Index Terms":.QT.system of systems.QT. OR "Abstract":.QT.system of systems.QT. OR "Index Terms":.QT.systems of systems.QT. OR "Abstract":.QT.systems of systems.QT. OR  "Index Terms":.QT.system-of-systems.QT. OR "Abstract":.QT.system-of-systems.QT. OR  "Index Terms":.QT.systems-of-systems.QT. OR "Abstract":.QT.systems-of-systems.QT.)  AND  ("Abstract":“architecture” OR "Abstract":.QT.architecting.QT. OR "Abstract":.QT.engineering.QT. OR "Abstract":.QT.development.QT. )  AND  ("Abstract":.QT.systematic literature review.QT. OR  "Abstract":.QT.systematic mapping review.QT. OR  "Abstract":.QT.systematic review.QT. OR  "Abstract":.QT.systematic mapping study.QT. OR  "Abstract":.QT.literature analysis.QT. OR  "Abstract":.QT.literature review.QT. OR  "Abstract":.QT.past studies.QT. OR  "Abstract":.QT.subject matter expert.QT. OR  "Abstract":.QT.Analysis of research.QT. OR  "Abstract":.QT.meta-analysis.QT. OR  "Abstract":.QT.structured review.QT. OR  "Abstract":.QT.review of studies.QT. OR  "Abstract":.QT.empirical body of knowledge.QT.) |
| SQ32 | ACM | recordAbstract:("system of systems","systems of systems","system-of-systems" , "systems-of-systems") AND recordAbstract:("architectures","architecture" ,"architecting","engineering", "development") AND recordAbstract:("systematic literature review","systematic mapping review" ,"systematic review" ,"systematic mapping" ,"literature analysis" ,"literature review" ,"past studies" ,"subject matter expert" ,"Analysis of research" ,"meta-analysis" ,"structured review" ,"review of studies" ,"empirical body of knowledge") |
| SQ33 | WebOfScience | TS=("system of systems" OR  "systems of systems" OR  "system-of-systems" OR  "systems-of-systems")  AND  TS=("architecture” OR "architecting" OR "engineering" OR "development")  AND  TS=("systematic literature review" OR  "systematic mapping review" OR  "systematic review" OR  "systematic mapping" OR  "literature analysis" OR  "literature review" OR  "past studies" OR  "subject matter expert" OR  "Analysis of research" OR  "meta-analysis" OR  "structured review" OR  "review of studies" OR  "empirical body of knowledge") |
| SQ34 | Elsevier-sciencedirect | (tak({Systems of Systems}) OR tak({System of Systems}) OR  tak({Systems-of-Systems}) OR tak({System-of-Systems}) )  AND  (tak({architecture}) OR tak({architecting}) OR tak({engineering}) OR tak({development}))  AND  (tak({systematic literature review}) OR  tak({systematic mapping review}) OR  tak({systematic review}) OR  tak({systematic mapping}) OR  tak({literature analysis}) OR  tak({literature review}) OR  tak({past studies}) OR  tak({subject matter expert}) OR  tak({Analysis of research}) OR  tak({meta-analysis}) OR  tak({structured review}) OR  tak({review of studies}) OR  tak({empirical body of knowledge})) |
| SQ35 | Wiley | "("system of systems" OR "systems of systems" OR "system-of-systems" OR "systems-of-systems") AND ("architecture" OR "architecting" OR "engineering" OR “development”) AND ("systematic literature review" OR "systematic mapping review" OR "systematic review" OR "systematic mapping" OR "literature analysis" OR "literature review" OR "past studies" OR "subject matter expert" OR "Analysis of research" OR "meta-analysis" OR "structured review" OR "review of studies" OR "empirical body of knowledge")"  In: Computer Science |

Process log - Automated Search

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Date** | **Search Query** | **Database** | **Records found** | **Included in final dataset** | **Comments** |
| Jun 21th | SQ1 | SCOPUS | 99 |  | Including ‘surveys’ |
|  | SQ2 | SCOPUS | 94 | DS1 |  |
|  | SQ3 | IEEExplore | 25 | DS1 |  |
|  | SQ4 | IEEExplore | 0 |  |  |
|  | SQ5 | ACM | 12 | DS1 |  |
|  | SQ4 | SpringerLink | 852 |  | Including:  "literature analysis"  "literature review"  "past studies"  "subject matter expert"  "Analysis of research": Too many matches |
|  | SQ4 | SpringerLink | 145 |  | Search within Computer Science/Software Engineering |
|  | SQ6 | SpringerLink | 258 |  | Removing:  "literature analysis"  "literature review"  "past studies"  "subject matter expert"  "Analysis of research"\*\* |
|  | [SQ6](https://link.springer.com/search?query=%28%22system+of+systems%22+OR++%22systems+of+systems%22+OR+%22system-of-systems%22+OR++%22systems-of-systems%22+OR++%22Federations+of+Systems%22+OR++%22Ultra+Large+Scale+Systems%22+OR++%22Cyber-Physical+Systems%22+OR++%22Self-adaptive+systems%22%29++AND+%28%22systematic+literature+review%22+OR+%22systematic+mapping+review%22+OR+%22systematic+review%22+OR+%22systematic+mapping+study%22+OR+%22literature+analysis%22+OR+%22meta-analysis%22+OR+%22structured+review%22+OR+%22review+of+studies%22%29) | SpringerLink | 76 | DS1 | Search within Computer Science/Software Engineering |
| Jun 22th | [SQ7](https://www.scopus.com/results/results.uri?sort=plf-f&src=s&sid=c116db7b3cd96bcbe3e9d0e3afb39783&sot=a&sdt=a&sl=705&s=TITLE-ABS-KEY%28%22system+of+systems%22+OR+%22systems+of+systems%22+OR+%22system-of-systems%22+OR+%22systems-of-systems%22+OR+%22Federations+of+Systems%22+OR+%22Ultra+Large+Scale+Systems%22+OR+%22Cyber-Physical+Systems%22+OR+%22Self-adaptive+systems%22%29+AND+TITLE-ABS-KEY%28%22architecture%22+OR+%22architecting%22+OR+%22engineering%22%29+AND+TITLE-ABS-KEY%28+%22systematic+literature+review%22+OR+%22systematic+mapping+review%22+OR+%22systematic+review%22+OR+%22systematic+mapping+study%22+OR+%22literature+analysis%22+OR+%22literature+review%22+OR+%22In-depth+survey%22+OR+%22literature+survey%22+OR+%22past+studies%22+OR+%22subject+matter+expert%22+OR+%22Analysis+of+research%22+OR+%22meta-analysis%22+OR+%22structured+review%22+OR+%22review+of+studies%22+OR+%22empirical+body+of+knowledge%22+%29+AND+SUBJAREA%28comp%29.&origin=searchadvanced&editSaveSearch=&txGid=0a9381a882471f01f9963ca0f079ea90) | SCOPUS | 70 | DS2 | Including architecture/architecting |
|  | [SQ8](https://link.springer.com/search?query=%28%22system+of+systems%22+OR++%22systems+of+systems%22+OR+%22system-of-systems%22+OR++%22systems-of-systems%22+OR++%22Federations+of+Systems%22+OR++%22Ultra+Large+Scale+Systems%22+OR++%22Cyber-Physical+Systems%22+OR++%22Self-adaptive+systems%22%29++AND+%28%E2%80%9Carchitecture%E2%80%9D+OR+%22architecting%22+OR+%22engineering%22%29+AND+%28%22systematic+literature+review%22+OR+%22systematic+mapping+review%22+OR+%22systematic+review%22+OR+%22systematic+mapping+study%22+OR+%22literature+analysis%22+OR+%22literature+review%22+OR+%22past+studies%22+OR+%22subject+matter+expert%22+OR+%22Analysis+of+research%22+OR+%22meta-analysis%22+OR+%22structured+review%22+OR+%22review+of+studies%22+OR+%22empirical+body+of+knowledge%22%29&facet-discipline=%22Computer+Science%22&facet-sub-discipline=%22Software+Engineering%22) | SpringerLink | 145 | DS2 | Including architecture/architecting |
|  | [SQ9](https://ieeexplore.ieee.org/search/searchresult.jsp?action=search&matchBoolean=true&searchField=Search_All&queryText=((%22Abstract%22:.QT.system%20of%20systems.QT.%20OR%20%0A%22Abstract%22:.QT.systems%20of%20systems.QT.%20OR%0A%22Abstract%22:.QT.system-of-systems.QT.%20OR%20%0A%22Abstract%22:.QT.systems-of-systems.QT.%20OR%20%0A%22Abstract%22:.QT.federations%20of%20Systems.QT.%20OR%20%0A%22Abstract%22:.QT.ultra%20Large%20Scale%20Systems.QT.%20OR%20%0A%22Abstract%22:.QT.cyber-Physical%20Systems.QT.%20OR%20%0A%22Abstract%22:.QT.self-adaptive%20systems.QT.)%20%0AAND%0A(%22Abstract%22:%E2%80%9Carchitecture%E2%80%9D%20OR%20%22Abstract%22:.QT.architecting.QT.%20OR%20%22Abstract%22:.QT.engineering.QT.)%0AAND%0A(%22Abstract%22:.QT.systematic%20literature%20review.QT.%20OR%0A%22Abstract%22:.QT.systematic%20mapping%20review.QT.%20OR%0A%22Abstract%22:.QT.systematic%20review.QT.%20OR%0A%22Abstract%22:.QT.systematic%20mapping%20study.QT.%20OR%0A%22Abstract%22:.QT.literature%20analysis.QT.%20OR%0A%22Abstract%22:.QT.literature%20review.QT.%20OR%0A%22Abstract%22:.QT.past%20studies.QT.%20OR%0A%22Abstract%22:.QT.subject%20matter%20expert.QT.%20OR%0A%22Abstract%22:.QT.Analysis%20of%20research.QT.%20OR%0A%22Abstract%22:.QT.meta-analysis.QT.%20OR%0A%22Abstract%22:.QT.structured%20review.QT.%20OR%0A%22Abstract%22:.QT.review%20of%20studies.QT.%20OR%0A%22Abstract%22:.QT.empirical%20body%20of%20knowledge.QT.))&newsearch=true) | IEEExplore | 5 | DS2 | Including architecture/architecting |
|  | [SQ10](https://dl.acm.org/results.cfm?query=recordAbstract:(%22system%20of%20systems%22,%22systems%20of%20systems%22,%22system-of-systems%22%20,%20%22systems-of-systems%22,%22Federations%20of%20Systems%22,%22Ultra%20Large%20Scale%20Systems%22,%22Cyber-Physical%20Systems%22,%22Self-adaptive%20systems%22)%20AND%20recordAbstract:(%22architecture%22%20OR%20%22architecting%22%20OR%20%22engineering%22)%20AND%20recordAbstract:(%22systematic%20literature%20review%22,%22systematic%20mapping%20review%22%20,%22systematic%20review%22%20,%22systematic%20mapping%20study%22%20,%22literature%20analysis%22%20,%22literature%20review%22%20,%22past%20studies%22%20,%22subject%20matter%20expert%22%20,%22Analysis%20of%20research%22%20,%22meta-analysis%22%20,%22structured%20review%22%20,%22review%20of%20studies%22%20,%22empirical%20body%20of%20knowledge%22)&within=owners.owner=HOSTED&filtered=&dte=&bfr=) | ACM | 8 | DS2 | Including architecture/architecting |
|  | [SQ11](https://apps.webofknowledge.com/summary.do?product=WOS&doc=1&qid=23&SID=C2zEShpDjsCeY9DPwCx&search_mode=AdvancedSearch&update_back2search_link_param=yes) | Web of Science | 12 | DS2 | Including architecture/architecting |
|  | SQ8 | ScienceDirect | Service temporarily  down |  |  |
| June 26th | [SQ12](https://www.scopus.com/results/results.uri?sort=plf-f&src=s&sid=ddfed7b4163702451214d3033f2c0184&sot=a&sdt=a&sl=727&s=TITLE-ABS-KEY+%28+%22system+of+systems%22+OR+%22systems+of+systems%22+OR+%22system-of-systems%22+OR+%22systems-of-systems%22+OR+%22Federations+of+Systems%22+OR+%22Ultra+Large+Scale+Systems%22+OR+%22Cyber-Physical+Systems%22+OR+%22Self-adaptive+systems%22+OR+%22smart-*%22+%29+AND+TITLE-ABS-KEY+%28+%22architecture%22+OR+%22architecting%22+OR+%22engineering%22+%29+AND+TITLE-ABS-KEY+%28+%22systematic+literature+review%22+OR+%22systematic+mapping+review%22+OR+%22systematic+review%22+OR+%22systematic+mapping+study%22+OR+%22literature+analysis%22+OR+%22literature+review%22+OR+%22In-depth+survey%22+OR+%22literature+survey%22+OR+%22past+studies%22+OR+%22subject+matter+expert%22+OR+%22Analysis+of+research%22+OR+%22meta-analysis%22+OR+%22structured+review%22+OR+%22review+of+studies%22+OR+%22empirical+body+of+knowledge%22+%29+AND+SUBJAREA+%28+comp+%29&origin=searchadvanced&editSaveSearch=&txGid=bc0b32438f249a277d2920af9b45c732) | Scopus | 179 | DS3 |  |
|  | SQ13 | Springer | 570 |  | Smart-\* matches too many works |
|  | [SQ14](https://link.springer.com/search?query=%28+%22system+of+systems%22+OR++%22systems+of+systems%22+OR+%22system-of-systems%22+OR++%22systems-of-systems%22+OR++%22Federations+of+Systems%22+OR++%22Ultra+Large+Scale+Systems%22+OR++%22Cyber-Physical+Systems%22+OR++%22Self-adaptive+systems%22+OR+%22Smart+manufacturing%22+OR+%22Smart+Industry%22++OR+%22Smart+Healthcare%22+OR+%22Smart+Cities%22+OR+%22Smart+Tourism%22+OR+%22Smart+Agriculture%22+OR+%22Smart+Transportation%22+OR+%22Smart+Logistics%22+OR+%29+AND+%28%22architecture%22+OR+%22architecting%22+OR+%22engineering%22%29+AND+%28%22systematic+literature+review%22+OR+%22systematic+mapping+review%22+OR+%22systematic+review%22+OR+%22systematic+mapping+study%22+OR+%22literature+analysis%22+OR+%22literature+review%22+OR+%22past+studies%22+OR+%22subject+matter+expert%22+OR+%22Analysis+of+research%22+OR+%22meta-analysis%22+OR+%22structured+review%22+OR+%22review+of+studies%22+OR+%22empirical+body+of+knowledge%22%29&date-facet-mode=between&facet-start-year=2008&previous-start-year=1991&facet-end-year=2018&previous-end-year=2018&facet-sub-discipline=%22Software+Engineering%22&facet-discipline=%22Computer+Science%22) | Springer | 195 | DS3 | Wildcard replaced with the most common ‘smart-’ concepts in the domain of IoT/SoS |
|  | [SQ15](https://ieeexplore.ieee.org/search/searchresult.jsp?action=search&matchBoolean=true&searchField=Search_All&queryText=((%22Abstract%22:.QT.system%20of%20systems.QT.%20OR%20%0A%22Abstract%22:.QT.systems%20of%20systems.QT.%20OR%0A%22Abstract%22:.QT.system-of-systems.QT.%20OR%20%0A%22Abstract%22:.QT.systems-of-systems.QT.%20OR%20%0A%22Abstract%22:.QT.federations%20of%20Systems.QT.%20OR%20%0A%22Abstract%22:.QT.ultra%20Large%20Scale%20Systems.QT.%20OR%20%0A%22Abstract%22:.QT.cyber-Physical%20Systems.QT.%20OR%20%0A%22Abstract%22:.QT.self-adaptive%20systems.QT.%20OR%0A%22Abstract%22:smart*)%20%0AAND%0A(%22Abstract%22:%E2%80%9Carchitecture%E2%80%9D%20OR%20%22Abstract%22:.QT.architecting.QT.%20OR%20%22Abstract%22:.QT.engineering.QT.)%0AAND%0A(%22Abstract%22:.QT.systematic%20literature%20review.QT.%20OR%0A%22Abstract%22:.QT.systematic%20mapping%20review.QT.%20OR%0A%22Abstract%22:.QT.systematic%20review.QT.%20OR%0A%22Abstract%22:.QT.systematic%20mapping%20study.QT.%20OR%0A%22Abstract%22:.QT.literature%20analysis.QT.%20OR%0A%22Abstract%22:.QT.literature%20review.QT.%20OR%0A%22Abstract%22:.QT.past%20studies.QT.%20OR%0A%22Abstract%22:.QT.subject%20matter%20expert.QT.%20OR%0A%22Abstract%22:.QT.Analysis%20of%20research.QT.%20OR%0A%22Abstract%22:.QT.meta-analysis.QT.%20OR%0A%22Abstract%22:.QT.structured%20review.QT.%20OR%0A%22Abstract%22:.QT.review%20of%20studies.QT.%20OR%0A%22Abstract%22:.QT.empirical%20body%20of%20knowledge.QT.))&newsearch=true) | IEEExplore | 16 | DS3 | Including smart\* |
|  | SQ16 | ACM | 10 | DS3 | Wildcard replaced with the most common ‘smart-’ concepts in the domain of IoT/SoS |
| June 27th | [SQ17](https://www.scopus.com/results/results.uri?sort=plf-f&src=s&sid=44dfe8d074cf5fd254c0fd07e43f4fc5&sot=a&sdt=a&sl=600&s=TITLE-ABS-KEY+%28+%22system+of+systems%22+OR+%22systems+of+systems%22+OR+%22system-of-systems%22+OR+%22systems-of-systems%22+%29+AND+TITLE-ABS-KEY+%28+%22architecture%22+OR+%22architecting%22+OR+%22engineering%22+%29+AND+TITLE-ABS-KEY+%28+%22systematic+literature+review%22+OR+%22systematic+mapping+review%22+OR+%22systematic+review%22+OR+%22systematic+mapping+study%22+OR+%22literature+analysis%22+OR+%22literature+review%22+OR+%22In-depth+survey%22+OR+%22literature+survey%22+OR+%22past+studies%22+OR+%22subject+matter+expert%22+OR+%22Analysis+of+research%22+OR+%22meta-analysis%22+OR+%22structured+review%22+OR+%22review+of+studies%22+OR+%22empirical+body+of+knowledge%22+%29+AND+SUBJAREA+%28+comp+%29&origin=searchadvanced&editSaveSearch=&txGid=22b41195af807ec5da8a3b212b9b9012) | SCOPUS | 34 | DS4 |  |
|  | [SQ18](https://link.springer.com/search?date-facet-mode=between&facet-sub-discipline=%22Software+Engineering%22&query=%28+%22system+of+systems%22+OR++%22systems+of+systems%22+OR+%22system-of-systems%22+OR++%22systems-of-systems%22+OR++%29+AND+%28%22architecture%22+OR+%22architecting%22+OR+%22engineering%22%29+AND+%28%22systematic+literature+review%22+OR+%22systematic+mapping+review%22+OR+%22systematic+review%22+OR+%22systematic+mapping+study%22+OR+%22literature+analysis%22+OR+%22literature+review%22+OR+%22past+studies%22+OR+%22subject+matter+expert%22+OR+%22Analysis+of+research%22+OR+%22meta-analysis%22+OR+%22structured+review%22+OR+%22review+of+studies%22+OR+%22empirical+body+of+knowledge%22%29&showAll=true&facet-discipline=%22Computer+Science%22) | Springer | 55 | DS4 |  |
|  | [SQ19](https://ieeexplore.ieee.org/search/searchresult.jsp?action=search&matchBoolean=true&searchField=Search_All&queryText=((%22Index%20Terms%22:.QT.system%20of%20systems.QT.%20OR%20%22Abstract%22:.QT.system%20of%20systems.QT.%20OR%20%0A%22Index%20Terms%22:.QT.systems%20of%20systems.QT.%20OR%20%22Abstract%22:.QT.systems%20of%20systems.QT.%20OR%20%0A%22Index%20Terms%22:.QT.system-of-systems.QT.%20OR%20%22Abstract%22:.QT.system-of-systems.QT.%20OR%20%0A%22Index%20Terms%22:.QT.systems-of-systems.QT.%20OR%20%22Abstract%22:.QT.systems-of-systems.QT.)%20%0AAND%0A(%22Abstract%22:%E2%80%9Carchitecture%E2%80%9D%20OR%20%22Abstract%22:.QT.architecting.QT.%20OR%20%22Abstract%22:.QT.engineering.QT.)%0AAND%0A(%22Abstract%22:.QT.systematic%20literature%20review.QT.%20OR%0A%22Abstract%22:.QT.systematic%20mapping%20review.QT.%20OR%0A%22Abstract%22:.QT.systematic%20review.QT.%20OR%0A%22Abstract%22:.QT.systematic%20mapping%20study.QT.%20OR%0A%22Abstract%22:.QT.literature%20analysis.QT.%20OR%0A%22Abstract%22:.QT.literature%20review.QT.%20OR%0A%22Abstract%22:.QT.past%20studies.QT.%20OR%0A%22Abstract%22:.QT.subject%20matter%20expert.QT.%20OR%0A%22Abstract%22:.QT.Analysis%20of%20research.QT.%20OR%0A%22Abstract%22:.QT.meta-analysis.QT.%20OR%0A%22Abstract%22:.QT.structured%20review.QT.%20OR%0A%22Abstract%22:.QT.review%20of%20studies.QT.%20OR%0A%22Abstract%22:.QT.empirical%20body%20of%20knowledge.QT.))&newsearch=true) | IEEExplore | 4 | DS4 |  |
|  | [SQ20](https://dl.acm.org/results.cfm?query=recordAbstract:(%22system%20of%20systems%22,%22systems%20of%20systems%22,%22system-of-systems%22%20,%20%22systems-of-systems%22)%20%20AND%20recordAbstract:(%22architecture%22%20OR%20%22architecting%22%20OR%20%22engineering%22)%20%20AND%20recordAbstract:(%22systematic%20literature%20review%22,%22systematic%20mapping%20review%22%20,%22systematic%20review%22%20,%22systematic%20mapping%20study%22%20,%22literature%20analysis%22%20,%22literature%20review%22%20,%22past%20studies%22%20,%22subject%20matter%20expert%22%20,%22Analysis%20of%20research%22%20,%22meta-analysis%22%20,%22structured%20review%22%20,%22review%20of%20studies%22%20,%22empirical%20body%20of%20knowledge%22)&within=owners.owner=HOSTED&filtered=&dte=&bfr=) | ACM | 4 | DS4 |  |
|  | SQ21 | WebOfScience | 2 | DS4 |  |
|  | SQ22 | ScienceDirect | 1 | DS4 |  |
| July 2nd | SQ23 | SCOPUS | 38 | DS5 |  |
|  | SQ24 | Springer | 56 | DS5 |  |
|  | SQ25 | IEEExplore | 6 | DS5 |  |
|  | SQ26 | ACM | 4 | DS5 |  |
|  | SQ27 | WebOfScience | 5 | DS5 |  |
|  | SQ28 | ScienceDirect | 2 | DS5 |  |
| July 9th | SQ29 | SCOPUS | 39 | DS6 |  |
|  | SQ30 | SpringerLink | 56 | DS6 |  |
|  | SQ31 | IEEExplore | 10 | DS6 |  |
|  | SQ32 | ACM | 8 | DS6 |  |
|  | SQ33 | WebOfScience | 7 | DS6 |  |
|  | SQ34 | Elsevier-SD | 3 | DS6 |  |
|  | SQ35 | Wiley | 19 | DS6 |  |