

# Douglas R Smith

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12115683/publications.pdf>

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12  
papers

435  
citations

933264

10  
h-index

1125617

13  
g-index

13  
all docs

13  
docs citations

13  
times ranked

141  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Composition by Colimit and Formal Software Development. Lecture Notes in Computer Science, 2006, , 317-332.                            | 1.0 | 9         |
| 2  | Software Development by Refinement. Lecture Notes in Computer Science, 2003, , 267-286.  | 1.0 | 14        |
| 3  | Designware: Software Development by Refinement. Kluwer International Series in Engineering and Computer Science, 2001, , 3-21.         | 0.2 | 13        |
| 4  | A high-level derivation of global search algorithms (with constraint propagation). Science of Computer Programming, 1997, 28, 247-271. | 1.5 | 14        |
| 5  | Toward a classification approach to design. Lecture Notes in Computer Science, 1996, , 62-84.  | 1.0 | 29        |
| 6  | Constructing specification morphisms. Journal of Symbolic Computation, 1993, 15, 571-606.  | 0.5 | 35        |
| 7  | Automating the design of algorithms. Lecture Notes in Computer Science, 1993, , 324-354.   | 1.0 | 6         |
| 8  | Algorithm theories and design tactics. Science of Computer Programming, 1990, 14, 305-321.   | 1.5 | 70        |
| 9  | Algorithm theories and design tactics. Lecture Notes in Computer Science, 1989, , 379-398.   | 1.0 | 17        |
| 10 | Applications of a strategy for designing divide-and-conquer algorithms. Science of Computer Programming, 1987, 8, 213-229.             | 1.5 | 56        |
| 11 | The design of divide and conquer algorithms. Science of Computer Programming, 1985, 5, 37-58.  | 1.5 | 45        |
| 12 | Top-down synthesis of divide-and-conquer algorithms. Artificial Intelligence, 1985, 27, 43-96.   | 3.9 | 115       |