Douglas R Smith

List of Publications by Year
in descending order

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