

# David Payton

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8685479/publications.pdf>

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11  
papers

611  
citations

1163117

8  
h-index

1474206

9  
g-index

11  
all docs

11  
docs citations

11  
times ranked

358  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pheromone Robotics. <i>Autonomous Robots</i> , 2001, 11, 319-324.	4.8	257
2	Internalized plans: A representation for action resources. <i>Robotics and Autonomous Systems</i> , 1990, 6, 89-103.	5.1	82
3	Compound behaviors in pheromone robotics. <i>Robotics and Autonomous Systems</i> , 2003, 44, 229-240.	5.1	73
4	Do whatever works: A robust approach to fault-tolerant autonomous control. <i>Applied Intelligence</i> , 1992, 2, 225-250.	5.3	50
5	Pheromone Robotics and the Logic of Virtual Pheromones. <i>Lecture Notes in Computer Science</i> , 2005, , 45-57.	1.3	49
6	Planning and reasoning for autonomous vehicle control. <i>International Journal of Intelligent Systems</i> , 1987, 2, 129-198.	5.7	41
7	Intelligent real-time control of robotic vehicles. <i>Communications of the ACM</i> , 1991, 34, 49-63.	4.5	31
8	Lattice Formation in Mobile Autonomous Sensor Arrays. <i>Lecture Notes in Computer Science</i> , 2005, , 98-111.	1.3	19
9	Dynamic collaborator discovery in information intensive environments. <i>ACM Computing Surveys</i> , 1999, 31, 8.	23.0	9
10	Fault tolerance using redundant behaviors. , 1992, , .		0
11	Amorphous Predictive Nets. , 2002, , 283-290.		0