

# GÃ©raud Blatman

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10962393/publications.pdf>

Version: 2024-02-01

6  
papers

2,186  
citations

1478505

6  
h-index

1872680

6  
g-index

7  
all docs

7  
docs citations

7  
times ranked

1400  
citing authors

| # | ARTICLE  | IF  | CITATIONS |
|---|--|-----|-----------|
| 1 | Model Assisted Probability of Detection Curves: New Statistical Tools and Progressive Methodology. Journal of Nondestructive Evaluation, 2017, 36, 1.                | 2.4 | 18        |
| 2 | Adaptive sparse polynomial chaos expansion based on least angle regression. Journal of Computational Physics, 2011, 230, 2345-2367.                                  | 3.8 | 1,025     |
| 3 | An adaptive algorithm to build up sparse polynomial chaos expansions for stochastic finite element analysis. Probabilistic Engineering Mechanics, 2010, 25, 183-197. | 2.7 | 628       |
| 4 | Efficient computation of global sensitivity indices using sparse polynomial chaos expansions. Reliability Engineering and System Safety, 2010, 95, 1216-1229.        | 8.9 | 280       |
| 5 | Sparse polynomial chaos expansions and adaptive stochastic finite elements using a regression approach. Comptes Rendus - Mecanique, 2008, 336, 518-523.              | 2.1 | 204       |
| 6 | Quasi random numbers in stochastic finite element analysis. Mecanique Et Industries, 2007, 8, 289-297.   | 0.2 | 26        |