

# Kevin J Disotell

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1708440/publications.pdf>

Version: 2024-02-01

17  
papers

256  
citations

1307594

7  
h-index

1474206

9  
g-index

17  
all docs

17  
docs citations

17  
times ranked

123  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Single-shot temperature- and pressure-sensitive paint measurements on an unsteady helicopter blade. <i>Experiments in Fluids</i> , 2014, 55, 1.                 | 2.4 | 51        |
| 2  | Motion-deblurred, fast-response pressure-sensitive paint on a rotor in forward flight. <i>Measurement Science and Technology</i> , 2012, 23, 045303.            | 2.6 | 43        |
| 3  | Application of fast-responding pressure-sensitive paint to a hemispherical dome in unsteady transonic flow. <i>Experiments in Fluids</i> , 2011, 50, 1495-1505. | 2.4 | 34        |
| 4  | Global surface pressure measurements of static and dynamic stall on a wind turbine airfoil at low Reynolds number. <i>Experiments in Fluids</i> , 2016, 57, 1.  | 2.4 | 29        |
| 5  | Comparison of Unsteady Pressure-Sensitive Paint Measurement Techniques. <i>AIAA Journal</i> , 2012, 50, 109-122.  | 2.6 | 25        |
| 6  | Measurement of transient acoustic fields using a single-shot pressure-sensitive paint system. <i>Review of Scientific Instruments</i> , 2011, 82, 075112.       | 1.3 | 24        |
| 7  | Inverse Methods for Deblurring Pressure-Sensitive Paint Images of Rotating Surfaces. <i>AIAA Journal</i> , 2014, 52, 2045-2061.                                 | 2.6 | 22        |
| 8  | Design of an Axisymmetric Afterbody Test Case for CFD Validation. , 2017, , .   |     | 7         |
| 9  | Unsteady surface signature of a pulsed vortex generator jet. <i>Journal of Visualization</i> , 2011, 14, 121-127.   | 1.8 | 6         |
| 10 | Time-Resolved Measurements of Cellular Separation on a Stalling Airfoil. , 2015, , .  |     | 5         |
| 11 | Unsteady Pressure-Sensitive Paint Measurements on an Articulated Model Helicopter in Forward Flight. , 2012, , .  |     | 3         |
| 12 | Development of an Atmospheric-Boundary-Layer Profile at the NASA Langley Transonic Dynamics Tunnel. , 2018, , .   |     | 3         |
| 13 | Effects of Wheel Rotation on Long-Period Wake Dynamics of the DrivAer Fastback Model. <i>Fluids</i> , 2022, 7, 19.  | 1.7 | 3         |
| 14 | Sensitivity Study of Contraction Flow for Boundary-Layer Validation Wind Tunnel. , 2019, , .  |     | 1         |
| 15 | Comparison of Unsteady Pressure-Sensitive Paint Measurement Techniques. , 2010, , .   |     | 0         |
| 16 | CFD Analysis of Cyclone Separator Flow Field in Advance of Experiment. , 2019, , .  |     | 0         |
| 17 | Multi-Modal Conversion of a Boundary-Layer Wind Tunnel to Open-Jet Test Cell. , 0, , .  |     | 0         |