

# Jovan Jovanovic

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

263  
citations

1307594

7  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

173  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Numerical investigation of the effect of convex transverse curvature and concave grooves on the turbulent boundary layer along a cylinder in axial flow. <i>International Journal of Heat and Fluid Flow</i> , 2021, 92, 108855.       | 2.4 | 2         |
| 2  | Toward design of the antiturbulence surface exhibiting maximum drag reduction effect. <i>Journal of Fluid Mechanics</i> , 2018, 850, 262-303.  | 3.4 | 12        |
| 3  | Relaminarization of wall turbulence by high-pressure ramps at low Reynolds numbers. <i>Thermal Science</i> , 2016, 20, 93-102.   | 1.1 | 1         |
| 4  | Numerical simulation of turbulent flow through Schiller's wavy pipe. <i>Journal of Fluid Mechanics</i> , 2014, 761, 241-260.   | 3.4 | 6         |
| 5  | Numerical investigation of flow through a triangular duct: The coexistence of laminar and turbulent flow. <i>International Journal of Heat and Fluid Flow</i> , 2013, 41, 27-33.   | 2.4 | 32        |
| 6  | Erlangen pipe flow: the concept and DNS results for microflow control of near-wall turbulence. <i>Microfluidics and Nanofluidics</i> , 2012, 13, 429-440.  | 2.2 | 5         |
| 7  | Microflow-based control of near-wall fluctuations for large viscous drag reduction. <i>Microfluidics and Nanofluidics</i> , 2011, 11, 773-780.   | 2.2 | 3         |
| 8  | Experimental investigations of turbulent drag reduction by surface-embedded grooves. <i>Journal of Fluid Mechanics</i> , 2007, 590, 107-116.   | 3.4 | 45        |
| 9  | Interpretation of the mechanism associated with turbulent drag reduction in terms of anisotropy invariants. <i>Journal of Fluid Mechanics</i> , 2007, 577, 457-466.  | 3.4 | 67        |
| 10 | Turbulence measurements in a swirling pipe flow. <i>Experiments in Fluids</i> , 2006, 41, 813-827.   | 2.4 | 26        |
| 11 | On the Mechanism Responsible for Turbulent Drag Reduction by Dilute Addition of High Polymers: Theory, Experiments, Simulations, and Predictions. <i>Journal of Fluids Engineering, Transactions of the ASME</i> , 2006, 128, 118-130. | 1.5 | 39        |
| 12 | On peculiar property of the velocity fluctuations in wall-bounded flows. <i>Thermal Science</i> , 2005, 9, 3-12.   | 1.1 | 25        |