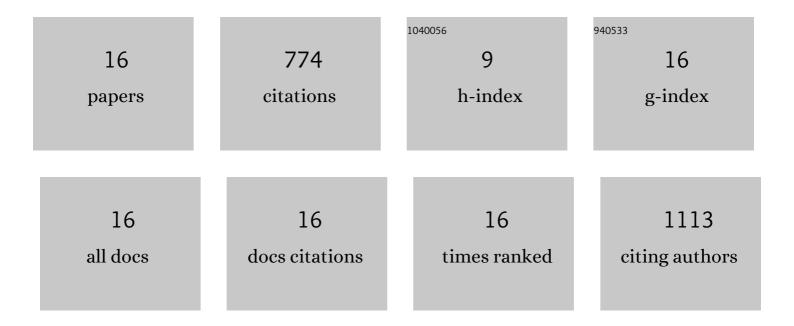
Duane W Storti

List of Publications by Year in descending order

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DUANE W STORT

| # | Article | IF | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1 | 3D-Printed Mechanochromic Materials. ACS Applied Materials & amp; Interfaces, 2015, 7, 577-583. | 8.0 | 236 |
| 2 | The role of polymer mechanochemistry in responsive materials and additive manufacturing. Nature Reviews Materials, 2021, 6, 84-98. | 48.7 | 151 |
| 3 | Production of Materials with Spatially-Controlled Cross-Link Density via Vat Photopolymerization. ACS Applied Materials & Interfaces, 2016, 8, 29037-29043. | 8.0 | 114 |
| 4 | Additive Manufacturing of Catalytically Active Living Materials. ACS Applied Materials & Interfaces, 2018, 10, 13373-13380. | 8.0 | 89 |
| 5 | Cross-linkable multi-stimuli responsive hydrogel inks for direct-write 3D printing. Polymer Chemistry, 2017, 8, 4199-4206. | 3.9 | 53 |
| 6 | STABILITY OF IN-PHASE AND OUT-OF-PHASE MODES FOR A PAIR OF LINEARLY COUPLED VAN DER POL OSCILLATORS. Series on Stability, Vibration and Control of Systems - Series B, 1997, , 1-23. | 0.2 | 41 |
| 7 | An Investigation of Coupled van der Pol Oscillators. Journal of Vibration and Acoustics, Transactions of the ASME, 2003, 125, 162-169. | 1.6 | 24 |
| 8 | Coupled van der Pol oscillators as a simplified model for generation of neural patterns for jellyfish locomotion. Structural Control and Health Monitoring, 2006, 13, 417-429. | 4.0 | 24 |
| 9 | Implicit Methods for Geometry Creation. International Journal of Computational Geometry and Applications, 1998, 08, 509-536. | 0.5 | 16 |
| 10 | Treat All Integrals as Volume Integrals: A Unified, Parallel, Grid-Based Method for Evaluation of Volume, Surface, and Path Integrals on Implicitly Defined Domains. Journal of Computing and Information Science in Engineering, 2018, 18, 0210131-210139. | 2.7 | 7 |
| 11 | Data-Driven Additive Manufacturing Constraints for Topology Optimization. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2021, 143, . | 2.2 | 6 |
| 12 | A Generalized Fictitious Node Approach for Surface Effect Correction in Peridynamic Simulation. Journal of Peridynamics and Nonlocal Modeling, 2021, 3, 276-286. | 2.9 | 5 |
| 13 | Wavelet SDF-Reps: Solid Modeling With Volumetric Scans. Journal of Computing and Information Science in Engineering, 2009, 9, . | 2.7 | 3 |
| 14 | Interval Extensions of Signed Distance Functions: iSDF-reps and Reliable Membership Classification. Journal of Computing and Information Science in Engineering, 2010, 10, . | 2.7 | 2 |
| 15 | A Coarea Formulation for Grid-Based Evaluation of Volume Integrals. Journal of Computing and Information Science in Engineering, 2020, 20, . | 2.7 | 2 |
| 16 | High-Productivity Parallelism With Python Plus Packages (But Without a Cluster). Computing in Science and Engineering, 2021, 23, 38-46. | 1.2 | 1 |