

Steve Marschner

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

467
citations

840119

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1125271

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14
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14
times ranked

273
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Building volumetric appearance models of fabric using micro CT imaging. ACM Transactions on Graphics, 2011, 30, 1-10. | 4.9 | 74 |
| 2 | On-The-Fly Print. , 2016, , . | | 67 |
| 3 | A comprehensive framework for rendering layered materials. ACM Transactions on Graphics, 2014, 33, 1-14. | 4.9 | 62 |
| 4 | Rendering specular microgeometry with wave optics. ACM Transactions on Graphics, 2018, 37, 1-10. | 4.9 | 45 |
| 5 | Interactive design of periodic yarn-level cloth patterns. ACM Transactions on Graphics, 2018, 37, 1-15. | 4.9 | 43 |
| 6 | Position-normal distributions for efficient rendering of specular microstructure. ACM Transactions on Graphics, 2016, 35, 1-9. | 4.9 | 40 |
| 7 | Specular reflection from woven cloth. ACM Transactions on Graphics, 2012, 31, 1-20. | 4.9 | 39 |
| 8 | Weavecraft. ACM Transactions on Graphics, 2020, 39, 1-16. | 4.9 | 21 |
| 9 | Directional reflectance and milli-scale feather morphology of the African Emerald Cuckoo, <i>Chrysococcyx cupreus</i> . Journal of the Royal Society Interface, 2013, 10, 20130391. | 1.5 | 18 |
| 10 | Azimuthal Scattering from Elliptical Hair Fibers. ACM Transactions on Graphics, 2017, 36, 1-23. | 4.9 | 17 |
| 11 | Weaving Objects: Spatial Design and Functionality of 3D-Woven Textiles. Leonardo, 2019, 52, 381-388. | 0.2 | 15 |
| 12 | Caliber: Camera Localization and Calibration Using Rigidity Constraints. International Journal of Computer Vision, 2016, 118, 1-21. | 10.9 | 14 |
| 13 | Gaussian Product Sampling for Rendering Layered Materials. Computer Graphics Forum, 2020, 39, 420-435. | 1.8 | 9 |
| 14 | Measuring Spatially- and Directionally-varying Light Scattering from Biological Material. Journal of Visualized Experiments, 2013, , e50254. | 0.2 | 3 |