

Frank Schultz

List of Publications by Year in descending order

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63
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | The Acoustics of Renaissance Theatres in Italy. Acta Acustica United With Acustica, 2015, 101, 632-641. | 0.8 | 19 |
| 2 | Sound power and timbre as cues for the dynamic strength of orchestral instruments. Journal of the Acoustical Society of America, 2018, 144, 1347-1355. | 1.1 | 17 |
| 3 | Improved Referencing Schemes for 2.5D Wave Field Synthesis Driving Functions. IEEE/ACM Transactions on Audio Speech and Language Processing, 2017, 25, 1117-1127. | 5.8 | 12 |
| 4 | On the General Relation of Wave Field Synthesis and Spectral Division Method for Linear Arrays. IEEE/ACM Transactions on Audio Speech and Language Processing, 2018, 26, 2393-2403. | 5.8 | 8 |
| 5 | Time Domain Sampling of the Radial Functions in Spherical Harmonics Expansions. IEEE Transactions on Signal Processing, 2021, 69, 4502-4512. | 5.3 | 8 |
| 6 | A Geometric Model for Prediction of Spatial Aliasing in 2.5D Sound Field Synthesis. IEEE/ACM Transactions on Audio Speech and Language Processing, 2019, 27, 1031-1046. | 5.8 | 6 |
| 7 | Comparing Approaches to the Spherical and Planar Single Layer Potentials for Interior Sound Field Synthesis. Acta Acustica United With Acustica, 2014, 100, 900-911. | 0.8 | 5 |
| 8 | Time Domain Radial Filter Design for Spherical Waves. , 2022, , . | | 4 |
| 9 | Higher-Order Anti-Derivatives of Band Limited Step Functions for the Design of Radial Filters in Spherical Harmonics Expansions. , 2021, , . | | 4 |
| 10 | An Analytical Approach for Optimizing the Curving of Line Source Arrays. AES: Journal of the Audio Engineering Society, 2018, 66, 4-20. | 1.0 | 3 |
| 11 | Mixed Analytical-Numerical Filter Design for Optimized Electronic Control of Line Source Arrays. AES: Journal of the Audio Engineering Society, 2018, 66, 690-702. | 1.0 | 1 |