

# Frank Schultz

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Time Domain Radial Filter Design for Spherical Waves. , 2022, , .		4
2	Time Domain Sampling of the Radial Functions in Spherical Harmonics Expansions. IEEE Transactions on Signal Processing, 2021, 69, 4502-4512.	5.3	8
3	Higher-Order Anti-Derivatives of Band Limited Step Functions for the Design of Radial Filters in Spherical Harmonics Expansions. , 2021, , .		4
4	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
5	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
6	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
7	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
8	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
9	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
10	The Acoustics of Renaissance Theatres in Italy. Acta Acustica United With Acustica, 2015, 101, 632-641.	0.8	19
11	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