

# Philip A Chou

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5861439/publications.pdf>

Version: 2024-02-01

19  
papers

1,712  
citations

840776

11  
h-index

1125743

13  
g-index

19  
all docs

19  
docs citations

19  
times ranked

865  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Nonlinear Transform Coding. IEEE Journal on Selected Topics in Signal Processing, 2021, 15, 339-353.  | 10.8 | 75        |
| 2  | Sandwiched Image Compression: Wrapping Neural Networks Around A Standard Codec. , 2021, , .   |      | 7         |
| 3  | Set Partitioning in Hierarchical Trees for Point Cloud Attribute Compression. IEEE Signal Processing Letters, 2021, 28, 1903-1907.                                  | 3.6  | 3         |
| 4  | A Volumetric Approach to Point Cloud Compressionâ€”Part I: Attribute Compression. IEEE Transactions on Image Processing, 2020, 29, 2203-2216.                       | 9.8  | 40        |
| 5  | A Volumetric Approach to Point Cloud Compressionâ€”Part II: Geometry Compression. IEEE Transactions on Image Processing, 2020, 29, 2217-2229.                       | 9.8  | 40        |
| 6  | Region Adaptive Graph Fourier Transform for 3D Point Clouds. , 2020, , .  |      | 20        |
| 7  | Deep Implicit Volume Compression. , 2020, , .   |      | 26        |
| 8  | Saliency Maps for Point Clouds. , 2020, , .   |      | 2         |
| 9  | Integer Alternative for the Region-Adaptive Hierarchical Transform. IEEE Signal Processing Letters, 2019, 26, 1369-1372.  | 3.6  | 12        |
| 10 | Rate-Utility Optimized Streaming of Volumetric Media for Augmented Reality. IEEE Journal on Emerging and Selected Topics in Circuits and Systems, 2019, 9, 149-162. | 3.6  | 63        |
| 11 | Point Cloud Compression Incorporating Region of Interest Coding. , 2019, , .  |      | 6         |
| 12 | Emerging MPEG Standards for Point Cloud Compression. IEEE Journal on Emerging and Selected Topics in Circuits and Systems, 2019, 9, 133-148.                        | 3.6  | 408       |
| 13 | Compression of Plenoptic Point Clouds. IEEE Transactions on Image Processing, 2019, 28, 1419-1427.  | 9.8  | 15        |
| 14 | Surface Light Field Compression Using a Point Cloud Codec. IEEE Journal on Emerging and Selected Topics in Circuits and Systems, 2019, 9, 163-176.                  | 3.6  | 13        |
| 15 | Motion-Compensated Compression of Dynamic Voxelized Point Clouds. IEEE Transactions on Image Processing, 2017, 26, 3886-3895.                                       | 9.8  | 99        |
| 16 | Holoportation. , 2016, , .  |      | 428       |
| 17 | Compression of 3D Point Clouds Using a Region-Adaptive Hierarchical Transform. IEEE Transactions on Image Processing, 2016, 25, 3947-3956.                          | 9.8  | 207       |
| 18 | Graph-Based Compression of Dynamic 3D Point Cloud Sequences. IEEE Transactions on Image Processing, 2016, 25, 1765-1778.  | 9.8  | 192       |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Viewport: A Distributed, Immersive Teleconferencing System with Infrared Dot Pattern. IEEE MultiMedia, 2013, 20, 17-27. | 1.7 | 56        |