

# Aiping Yang

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

186  
citations

1307594

7  
h-index

1199594

12  
g-index

23  
all docs

23  
docs citations

23  
times ranked

250  
citing authors

#	ARTICLE	IF	CITATIONS
1	An antibacterial biomimetic adhesive with strong adhesion in both dry and underwater situations. Journal of Materials Chemistry B, 2022, 10, 1063-1076.	5.8	7
2	Non-linear perceptual multi-scale network for single image super-resolution. Neural Networks, 2022, 152, 201-211.	5.9	9
3	Degradability and biocompatibility of bioglass/poly(amino acid) composites with different surface bioactivity as bone repair materials. Journal of Applied Polymer Science, 2021, 138, 49751.	2.6	10
4	A Sprayable Filming Self-Healing Hydrogel Fabricated from Modified Sodium Alginate and Gelatin as a Bacterial Barrier. Macromolecular Bioscience, 2020, 20, e1900303.	4.1	24
5	Preparation and the hemostatic property study of porous gelatin microspheres both in vitro and in vivo. Colloids and Surfaces B: Biointerfaces, 2020, 187, 110641.	5.0	34
6	Single underwater image restoration based on adaptive color correction and adaptive transmission fusion. Journal of Electronic Imaging, 2020, 29, 1.	0.9	4
7	Detail-preserving single nighttime image dehazing. Journal of Electronic Imaging, 2020, 29, 1.	0.9	2
8	Dual-Path in Dual-Path Network for Single Image Dehazing. , 2019, , .		11
9	Learning intensity and detail mapping parameters for dehazing. Multimedia Tools and Applications, 2018, 77, 15695-15720.	3.9	7
10	Learning Tone Mapping Function for Dehazing. Cognitive Computation, 2017, 9, 95-114.	5.2	3
11	In vivo biocompatibility of new nano-calcium-deficient hydroxyapatite/poly-amino acid complex biomaterials. International Journal of Nanomedicine, 2015, 10, 6303.	6.7	10
12	ASPL-APBT Algorithm for Block Compressed Sensing Image Reconstruction. Journal of Communications, 2014, 9, 371-378.	1.6	0
13	Image coding based on image segmentation and shape adaptive all phase biorthogonal transform. , 2013, , .		0
14	Shape Adaptive All Phase Biorthogonal Transform and Its Application in Image Coding. Journal of Communications, 2013, 8, 330-336.	1.6	7
15	Optimized Sensing Matrix Design Based on Parseval Tight Frame and Matrix Decomposition. Journal of Communications, 2013, 8, 456-462.	1.6	2
16	Video Compression Based on Wavelet Transform and DBMA with Motion Compensation. Journal of Communications, 2013, 8, 440-448.	1.6	2
17	Degradable biocomposite of nano calcium- deficient hydroxyapatite-multi(amino acid) copolymer. International Journal of Nanomedicine, 2012, 7, 1287.	6.7	33
18	Study on symmetric extension methods in Mallat algorithm of finite length signal. , 2008, , .		5

#	ARTICLE	IF	CITATIONS
19	An Improved JPEG Compression Algorithm Based on Sloped-Facet Model of Image Segmentation. , 2007, , .		5
20	Image Coding Algorithm Based on All Phase Walsh Biorthogonal Transform. , 2007, , .		5
21	Construction of Wavelet Transform Matrices with Symmetric Boundary-Extension. , 2006, , .		3
22	Improved Error Detection and Localization Technique for MPEG-4 Video. , 2006, , .		0