

Chin-Chen Chang

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

471 papers	8,485 citations	45 h-index	78 g-index
564 ext. papers	10,389 ext. citations	3.1 avg, IF	6.77 L-index

#	Paper	IF	Citations
471	Reversible Data Hiding Based on Histogram Modification of Pixel Differences. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2009 , 19, 906-910	6.4	368
470	SVD-based digital image watermarking scheme. <i>Pattern Recognition Letters</i> , 2005 , 26, 1577-1586	4.7	235
469	Finding optimal least-significant-bit substitution in image hiding by dynamic programming strategy. <i>Pattern Recognition</i> , 2003 , 36, 1583-1595	7.7	221
468	A Provably Secure, Efficient, and Flexible Authentication Scheme for Ad hoc Wireless Sensor Networks. <i>IEEE Transactions on Wireless Communications</i> , 2016 , 15, 357-366	9.6	208
467	Multilevel reversible data hiding based on histogram modification of difference images. <i>Pattern Recognition</i> , 2008 , 41, 3582-3591	7.7	207
466	Reversible hiding in DCT-based compressed images. <i>Information Sciences</i> , 2007 , 177, 2768-2786	7.7	206
465	Sharing secrets in stego images with authentication. <i>Pattern Recognition</i> , 2008 , 41, 3130-3137	7.7	192
464	A steganographic method based upon JPEG and quantization table modification. <i>Information Sciences</i> , 2002 , 141, 123-138	7.7	173
463	An Inpainting-Assisted Reversible Steganographic Scheme Using a Histogram Shifting Mechanism. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2013 , 23, 1109-1118	6.4	171
462	Blockchain based searchable encryption for electronic health record sharing. <i>Future Generation Computer Systems</i> , 2019 , 95, 420-429	7.5	168
461	An ID-based remote mutual authentication with key agreement scheme for mobile devices on elliptic curve cryptosystem. <i>Computers and Security</i> , 2009 , 28, 138-143	4.9	166
460	A Reversible Data Hiding Scheme Based on Side Match Vector Quantization. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2006 , 16, 1301-1308	6.4	136
459	A virtual image cryptosystem based upon vector quantization. <i>IEEE Transactions on Image Processing</i> , 1998 , 7, 1485-8	8.7	134
458	A novel joint data-hiding and compression scheme based on SMVQ and image inpainting. <i>IEEE Transactions on Image Processing</i> , 2014 , 23, 969-78	8.7	133
457	Dynamic-Hash-Table Based Public Auditing for Secure Cloud Storage. <i>IEEE Transactions on Services Computing</i> , 2017 , 10, 701-714	4.8	123
456	High payload steganography mechanism using hybrid edge detector. <i>Expert Systems With Applications</i> , 2010 , 37, 3292-3301	7.8	120
455	Sharing visual multi-secrets using circle shares. <i>Computer Standards and Interfaces</i> , 2005 , 28, 123-135	3.5	112

454	Reversible data hiding scheme based on exploiting modification direction with two steganographic images. <i>Multimedia Tools and Applications</i> , 2015 , 74, 5861-5872	2.5	109
453	A watermarking-based image ownership and tampering authentication scheme. <i>Pattern Recognition Letters</i> , 2006 , 27, 439-446	4.7	109
452	Chaotic maps-based password-authenticated key agreement using smart cards. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2013 , 18, 1433-1440	3.7	89
451	Self-embedding fragile watermarking with restoration capability based on adaptive bit allocation mechanism. <i>Signal Processing</i> , 2012 , 92, 1137-1150	4.4	86
450	Separable reversible data hiding in encrypted images via adaptive embedding strategy with block selection. <i>Signal Processing</i> , 2018 , 153, 109-122	4.4	84
449	Lossless data hiding for color images based on block truncation coding. <i>Pattern Recognition</i> , 2008 , 41, 2347-2357	7.7	82
448	Data hiding based on the similarity between neighboring pixels with reversibility 2010 , 20, 1116-1128		73
447	A watermarking technique based on one-way hash functions. <i>IEEE Transactions on Consumer Electronics</i> , 1999 , 45, 286-294	4.8	73
446	Efficient reversible data hiding for VQ-compressed images based on index mapping mechanism. <i>Signal Processing</i> , 2013 , 93, 2687-2695	4.4	68
445	A FAST AND SECURE IMAGE HIDING SCHEME BASED ON LSB SUBSTITUTION. <i>International Journal of Pattern Recognition and Artificial Intelligence</i> , 2002 , 16, 399-416	1.1	68
444	A lossless data embedding technique by joint neighboring coding. <i>Pattern Recognition</i> , 2009 , 42, 1597-1603	6.3	66
443	A difference expansion oriented data hiding scheme for restoring the original host images. <i>Journal of Systems and Software</i> , 2006 , 79, 1754-1766	3.3	66
442	A steganographic scheme by fully exploiting modification directions. <i>Expert Systems With Applications</i> , 2011 , 38, 10648-10657	7.8	64
441	2008 ,		64
440	A hierarchical threshold secret image sharing. <i>Pattern Recognition Letters</i> , 2012 , 33, 83-91	4.7	62
439	Information hiding based on search-order coding for VQ indices. <i>Pattern Recognition Letters</i> , 2004 , 25, 1253-1261	4.7	61
438	Distortion-free secret image sharing mechanism using modulus operator. <i>Pattern Recognition</i> , 2009 , 42, 886-895	7.7	59
437	Reversible Steganography for VQ-Compressed Images Using Side Matching and Relocation. <i>IEEE Transactions on Information Forensics and Security</i> , 2006 , 1, 493-501	8	59

436	A self-encryption mechanism for authentication of roaming and teleconference services. <i>IEEE Transactions on Wireless Communications</i> , 2003 , 2, 400-407	9.6	58
435	A secure fragile watermarking scheme based on chaos-and-hamming code. <i>Journal of Systems and Software</i> , 2011 , 84, 1462-1470	3.3	56
434	Brain Tumor Detection Using Color-Based K-Means Clustering Segmentation 2007 ,		56
433	Reversible data hiding for high quality images exploiting interpolation and direction order mechanism 2013 , 23, 569-577		54
432	Reversible data hiding scheme using two steganographic images 2007 ,		54
431	Robust image hashing using non-uniform sampling in discrete Fourier domain 2013 , 23, 578-585		51
430	Reversible information hiding for VQ indices based on locally adaptive coding. <i>Journal of Visual Communication and Image Representation</i> , 2009 , 20, 57-64	2.7	48
429	High-capacity reversible data hiding in encrypted images based on extended run-length coding and block-based MSB plane rearrangement. <i>Journal of Visual Communication and Image Representation</i> , 2019 , 58, 334-344	2.7	48
428	Perceptual hashing for color images based on hybrid extraction of structural features. <i>Signal Processing</i> , 2018 , 142, 194-205	4.4	45
427	Lossless recovery of a VQ index table with embedded secret data. <i>Journal of Visual Communication and Image Representation</i> , 2007 , 18, 207-216	2.7	45
426	New image steganographic methods using run-length approach. <i>Information Sciences</i> , 2006 , 176, 3393-3408	4.8	45
425	An efficient and secure multi-server password authentication scheme using smart cards		45
424	Reversible steganographic method using SMVQ approach based on declustering. <i>Information Sciences</i> , 2007 , 177, 1796-1805	7.7	44
423	Sharing multiple secrets in digital images. <i>Journal of Systems and Software</i> , 2002 , 64, 163-170	3.3	44
422	A reversible data hiding scheme using complementary embedding strategy. <i>Information Sciences</i> , 2010 , 180, 3045-3058	7.7	43
421	An efficient authentication protocol for mobile satellite communication systems. <i>Operating Systems Review (ACM)</i> , 2005 , 39, 70-84	0.8	42
420	A high payload steganographic algorithm based on edge detection. <i>Displays</i> , 2017 , 46, 42-51	3.4	41
419	Image hiding scheme with modulus function and dynamic programming strategy on partitioned pixels. <i>Pattern Recognition</i> , 2006 , 39, 1155-1167	7.7	41

418	An ElGamal-like cryptosystem for enciphering large messages. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2002 , 14, 445-446	4.2	41
417	An on-line secret sharing scheme for multi-secrets. <i>Computer Communications</i> , 1998 , 21, 1170-1176	5.1	40
416	Adaptive self-recovery for tampered images based on VQ indexing and inpainting. <i>Signal Processing</i> , 2013 , 93, 933-946	4.4	39
415	A high payload frequency-based reversible image hiding method. <i>Information Sciences</i> , 2010 , 180, 2286-2298	7.7	39
414	A fast LBG codebook training algorithm for vector quantization. <i>IEEE Transactions on Consumer Electronics</i> , 1998 , 44, 1201-1208	4.8	39
413	An efficient image authentication method based on Hamming code. <i>Pattern Recognition</i> , 2007 , 40, 681-690	6.9	39
412	High capacity reversible hiding scheme based on interpolation, difference expansion, and histogram shifting. <i>Multimedia Tools and Applications</i> , 2014 , 72, 417-435	2.5	36
411	A reversible data hiding scheme for VQ indices using locally adaptive coding. <i>Journal of Visual Communication and Image Representation</i> , 2011 , 22, 664-672	2.7	36
410	Fragile image watermarking scheme based on VQ index sharing and self-embedding. <i>Multimedia Tools and Applications</i> , 2017 , 76, 2267-2287	2.5	35
409	Public auditing for shared cloud data with efficient and secure group management. <i>Information Sciences</i> , 2019 , 472, 107-125	7.7	35
408	A scheme for threshold multi-secret sharing. <i>Applied Mathematics and Computation</i> , 2005 , 166, 1-14	2.7	34
407	An Improved VQ Codebook Search Algorithm Using Principal Component Analysis. <i>Journal of Visual Communication and Image Representation</i> , 1997 , 8, 27-37	2.7	33
406	Fast planar-oriented ripple search algorithm for hyperspace VQ codebook. <i>IEEE Transactions on Image Processing</i> , 2007 , 16, 1538-47	8.7	33
405	Privacy-preserving public auditing for secure data storage in fog-to-cloud computing. <i>Journal of Network and Computer Applications</i> , 2019 , 127, 59-69	7.9	33
404	A turtle shell-based visual secret sharing scheme with reversibility and authentication. <i>Multimedia Tools and Applications</i> , 2018 , 77, 25295-25310	2.5	32
403	A reversible compression code hiding using SOC and SMVQ indices. <i>Information Sciences</i> , 2015 , 300, 85-99	9.7	31
402	A novel VQ-based reversible data hiding scheme by using hybrid encoding strategies. <i>Journal of Systems and Software</i> , 2013 , 86, 389-402	3.3	31
401	High capacity SMVQ-based hiding scheme using adaptive index. <i>Signal Processing</i> , 2010 , 90, 2141-2149	4.4	31

400	A High Payload Steganographic Scheme Based on (7, 4) Hamming Code for Digital Images 2008 ,		31
399	An Adaptive Median Filter for Image Denoising 2008 ,		31
398	A Steganographic Method with High Embedding Capacity by Improving Exploiting Modification Direction 2007 ,		31
397	Lossless Data Embedding With High Embedding Capacity Based on Declustering for VQ-Compressed Codes. <i>IEEE Transactions on Information Forensics and Security</i> , 2007 , 2, 341-349	8	31
396	An Anonymous and Self-Verified Mobile Authentication with Authenticated Key Agreement for Large-Scale Wireless Networks. <i>IEEE Transactions on Wireless Communications</i> , 2010 , 9, 3346-3353	9.6	30
395	Dual Digital Watermarking for Internet Media Based on Hybrid Strategies. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2009 , 19, 1169-1177	6.4	30
394	Security in Fog Computing: A Novel Technique to Tackle an Impersonation Attack. <i>IEEE Access</i> , 2018 , 6, 74993-75001	3.5	30
393	Notes on Secure authentication scheme for IoT and cloud servers. <i>Pervasive and Mobile Computing</i> , 2017 , 38, 275-278	3.5	29
392	Information Hiding in Dual Images with Reversibility 2009 ,		29
391	A New Ultralightweight RFID Protocol for Low-Cost Tags: $R^{(2)}$ AP. <i>Wireless Personal Communications</i> , 2014 , 79, 1787-1802	1.9	28
390	2013 ,		28
389	. <i>IEEE Journal on Selected Areas in Communications</i> , 1993 , 11, 725-729	14.2	28
388	A Sudoku-based Secret Image Sharing Scheme with Reversibility (Invited Paper). <i>Journal of Communications</i> , 2010 , 5,	0.5	28
387	A Secure Single Sign-On Mechanism for Distributed Computer Networks. <i>IEEE Transactions on Industrial Electronics</i> , 2012 , 59, 629-637	8.9	26
386	An adaptive prediction-error expansion oriented reversible information hiding scheme. <i>Pattern Recognition Letters</i> , 2012 , 33, 2166-2172	4.7	26
385	Sharing a verifiable secret image using two shadows. <i>Pattern Recognition</i> , 2009 , 42, 3097-3114	7.7	26
384	Improved K-Pass Pixel Value Ordering Based Data Hiding. <i>IEEE Access</i> , 2019 , 7, 34570-34582	3.5	25
383	Diagonal axes method (DAM): a fast search algorithm for vector quantization. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 1997 , 7, 555-559	6.4	25

382	An extended difference expansion algorithm for reversible watermarking. <i>Image and Vision Computing</i> , 2008 , 26, 1148-1153	3.7	25
381	An aesthetic QR code solution based on error correction mechanism. <i>Journal of Systems and Software</i> , 2016 , 116, 85-94	3.3	23
380	Privacy-Preserving Algorithms for Multiple Sensitive Attributes Satisfying t-Closeness. <i>Journal of Computer Science and Technology</i> , 2018 , 33, 1231-1242	1.7	23
379	An authentication and key agreement protocol for satellite communications. <i>International Journal of Communication Systems</i> , 2014 , 27, 1994-2006	1.7	22
378	A novel reversible data hiding scheme based on difference-histogram modification and optimal EMD algorithm. <i>Journal of Visual Communication and Image Representation</i> , 2015 , 33, 389-397	2.7	22
377	Reversible index-domain information hiding scheme based on side-match vector quantization. <i>Journal of Systems and Software</i> , 2006 , 79, 1120-1129	3.3	22
376	High capacity reversible data hiding scheme for encrypted images. <i>Signal Processing: Image Communication</i> , 2016 , 44, 84-91	2.8	22
375	Optimization of CNN through Novel Training Strategy for Visual Classification Problems. <i>Entropy</i> , 2018 , 20,	2.8	21
374	ARFV: An Efficient Shared Data Auditing Scheme Supporting Revocation for Fog-Assisted Vehicular Ad-Hoc Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 15815-15827	6.8	21
373	An improved least-significant-bit substitution method using the modulo three strategy. <i>Displays</i> , 2016 , 42, 36-42	3.4	20
372	A multi-threshold secret image sharing scheme based on MSP. <i>Pattern Recognition Letters</i> , 2012 , 33, 1594-1600	4.7	20
371	Meaningful secret sharing technique with authentication and remedy abilities. <i>Information Sciences</i> , 2011 , 181, 3073-3084	7.7	20
370	A data embedding scheme for color images based on genetic algorithm and absolute moment block truncation coding. <i>Soft Computing</i> , 2009 , 13, 321-331	3.5	20
369	Lossless and unlimited multi-image sharing based on Chinese remainder theorem and Lagrange interpolation. <i>Signal Processing</i> , 2014 , 99, 159-170	4.4	19
368	A DNA-based data hiding technique with low modification rates. <i>Multimedia Tools and Applications</i> , 2014 , 70, 1439-1451	2.5	19
367	Prediction-based reversible data hiding using the difference of neighboring pixels. <i>AEU - International Journal of Electronics and Communications</i> , 2012 , 66, 758-766	2.8	19
366	Reversible data hiding scheme based on histogram shifting of n-bit planes. <i>Multimedia Tools and Applications</i> , 2016 , 75, 11311-11326	2.5	18
365	Data hiding based on extended turtle shell matrix construction method. <i>Multimedia Tools and Applications</i> , 2017 , 76, 12233-12250	2.5	18

364	A novel verifiable secret sharing mechanism using theory of numbers and a method for sharing secrets. <i>International Journal of Communication Systems</i> , 2015 , 28, 1282-1292	1.7	18
363	Contrast-Adaptive Removable Visible Watermarking (CARVW) mechanism. <i>Image and Vision Computing</i> , 2013 , 31, 311-321	3.7	18
362	Quadri-directional searching algorithm for secret image sharing using meaningful shadows. <i>Journal of Visual Communication and Image Representation</i> , 2015 , 28, 105-112	2.7	18
361	A reversible data hiding scheme based on absolute moment block truncation coding compression using exclusive OR operator. <i>Multimedia Tools and Applications</i> , 2018 , 77, 9039-9053	2.5	17
360	Verifiable secret sharing based on the Chinese remainder theorem. <i>Security and Communication Networks</i> , 2014 , 7, 950-957	1.9	17
359	A high capacity data hiding scheme for binary images based on block patterns. <i>Journal of Systems and Software</i> , 2014 , 93, 152-162	3.3	17
358	A fast reconstruction method for transmitting images progressively. <i>IEEE Transactions on Consumer Electronics</i> , 1998 , 44, 1225-1233	4.8	17
357	Joint coding and embedding techniques for multimedia images. <i>Information Sciences</i> , 2008 , 178, 3543-3556	3.5	17
356	An Interpolative AMBTC-based high-payload RDH scheme for encrypted images. <i>Signal Processing: Image Communication</i> , 2019 , 74, 64-77	2.8	17
355	Signature Gateway: Offloading Signature Generation to IoT Gateway Accelerated by GPU. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 4448-4461	10.7	17
354	Detection of Bird's Nest in High Power Lines in the Vicinity of Remote Campus Based on Combination Features and Cascade Classifier. <i>IEEE Access</i> , 2018 , 6, 39063-39071	3.5	16
353	A new scheme for sharing secret color images in computer network		16
352	Public audit for operation behavior logs with error locating in cloud storage. <i>Soft Computing</i> , 2019 , 23, 3779-3792	3.5	16
351	Reversible data hiding with oriented and minimized distortions using cascading trellis coding. <i>Information Sciences</i> , 2015 , 317, 170-180	7.7	15
350	A new distortion-free data embedding scheme for high-dynamic range images. <i>Multimedia Tools and Applications</i> , 2016 , 75, 145-163	2.5	15
349	Data hiding for vector quantization images using mixed-base notation and dissimilar patterns without loss of fidelity. <i>Information Sciences</i> , 2012 , 201, 70-79	7.7	15
348	Multiple Schemes for Mobile Payment Authentication Using QR Code and Visual Cryptography. <i>Mobile Information Systems</i> , 2017 , 2017, 1-12	1.4	15
347	An encoding method for both image compression and data lossless information hiding. <i>Journal of Systems and Software</i> , 2010 , 83, 2073-2082	3.3	15

346	Data Hiding Based on a Two-Layer Turtle Shell Matrix. <i>Symmetry</i> , 2018 , 10, 47	2.7	15
345	Hiding Information Into Voice-Over-IP Streams Using Adaptive Bitrate Modulation. <i>IEEE Communications Letters</i> , 2017 , 21, 749-752	3.8	14
344	An adaptive reversible steganographic scheme based on the just noticeable distortion. <i>Multimedia Tools and Applications</i> , 2015 , 74, 1983-1995	2.5	14
343	Content-Based Color Image Retrieval Using Block Truncation Coding Based on Binary Ant Colony Optimization. <i>Symmetry</i> , 2019 , 11, 21	2.7	14
342	A reversible data hiding scheme based on the Sudoku technique. <i>Displays</i> , 2015 , 39, 109-116	3.4	14
341	New Sealed-Bid Electronic Auction with Fairness, Security and Efficiency. <i>Journal of Computer Science and Technology</i> , 2008 , 23, 253-264	1.7	14
340	Reversible data hiding for JPEG images employing all quantized non-zero AC coefficients. <i>Displays</i> , 2018 , 51, 51-56	3.4	13
339	A square lattice oriented reversible information hiding scheme with reversibility and adaptivity for dual images. <i>Journal of Visual Communication and Image Representation</i> , 2019 , 64, 102618	2.7	13
338	A fault-tolerant group key agreement protocol exploiting dynamic setting. <i>International Journal of Communication Systems</i> , 2013 , 26, 259-275	1.7	13
337	An authenticated group key distribution protocol based on the generalized Chinese remainder theorem. <i>International Journal of Communication Systems</i> , 2014 , 27, 126-134	1.7	13
336	Parallel computation of the multi-exponentiation for cryptosystems. <i>International Journal of Computer Mathematics</i> , 1997 , 63, 9-26	1.2	13
335	A new solution for assigning cryptographic keys to control access in mobile agent environments. <i>Wireless Communications and Mobile Computing</i> , 2006 , 6, 137-146	1.9	13
334	A New Micro-Payment System Using General Payword Chain. <i>Electronic Commerce Research</i> , 2002 , 2, 159-168	2.1	13
333	Low complexity index-compressed vector quantization for image compression. <i>IEEE Transactions on Consumer Electronics</i> , 1999 , 45, 219-224	4.8	13
332	An Improved Integer Transform Combining with an Irregular Block Partition. <i>Symmetry</i> , 2019 , 11, 49	2.7	12
331	A robust and efficient dynamic identity-based multi-server authentication scheme using smart cards. <i>International Journal of Communication Systems</i> , 2016 , 29, 290-306	1.7	12
330	Minima-maxima preserving data hiding algorithm for absolute moment block truncation coding compressed images. <i>Multimedia Tools and Applications</i> , 2018 , 77, 5767-5783	2.5	12
329	An Untraceable Biometric-Based Multi-server Authenticated Key Agreement Protocol with Revocation. <i>Wireless Personal Communications</i> , 2016 , 90, 1695-1715	1.9	12

- 328 An embedding technique based upon block prediction. *Journal of Systems and Software*, **2008**, 81, 1505-1516 12
- 327 A Dynamic User Authentication and Key Agreement Scheme for Heterogeneous Wireless Sensor Networks. *Wireless Personal Communications*, **2016**, 89, 447-465 1.9 12
- 326 An Efficient Data-Hiding Scheme Based on Multidimensional Mini-SuDoKu. *Sensors*, **2020**, 20, 3.8 11
- 325 Reversible data hiding scheme based on the Haar discrete wavelet transform and interleaving prediction method. *Multimedia Tools and Applications*, **2018**, 77, 5149-5168 2.5 11
- 324 A Mini-Sudoku Matrix-Based Data Embedding Scheme With High Payload. *IEEE Access*, **2019**, 7, 141414-141425 11
- 323 A Low Computational-Cost Electronic Payment Scheme for Mobile Commerce with Large-Scale Mobile Users. *Wireless Personal Communications*, **2012**, 63, 83-99 1.9 11
- 322 Enabling public auditability for operation behaviors in cloud storage. *Soft Computing*, **2017**, 21, 2175-2187 11
- 321 Improvements of EMD Embedding for Large Payloads **2007**, 11
- 320 A high-speed division algorithm in residue number system using parity-checking technique. *International Journal of Computer Mathematics*, **2004**, 81, 775-780 1.2 11
- 319 An efficient computation of Euclidean distances using approximated look-up table. *IEEE Transactions on Circuits and Systems for Video Technology*, **2000**, 10, 594-599 6.4 11
- 318 Variable rate vector quantization scheme based on quadtree segmentation. *IEEE Transactions on Consumer Electronics*, **1999**, 45, 310-317 4.8 11
- 317 A reversible data hiding scheme for JPEG images by doubling small quantized AC coefficients. *Multimedia Tools and Applications*, **2019**, 78, 11443-11462 2.5 11
- 316 Efficient Real-Time Integrity Auditing With Privacy-Preserving Arbitration for Images in Cloud Storage System. *IEEE Access*, **2019**, 7, 33009-33023 3.5 10
- 315 AN H.264/AVC HDTV watermarking algorithm robust to camcorder recording. *Journal of Visual Communication and Image Representation*, **2015**, 26, 1-8 2.7 10
- 314 A novel data-hiding and compression scheme based on block classification of SMVQ indices **2016**, 51, 142-155 10
- 313 Efficient Information Hiding Based on Theory of Numbers. *Symmetry*, **2018**, 10, 19 2.7 10
- 312 Graph structure analysis based on complex network **2012**, 22, 713-725 10
- 311 Lossless Data Hiding Based on Histogram Modification for Image Authentication **2008**, 10

310	Sharing a Secret Two-Tone Image in Two Gray-Level Images		10
309	An efficient algorithm for incremental mining of association rules		10
308	A block based digital watermarks for copy protection of images 1999 ,		10
307	. <i>IEEE Access</i> , 2020 , 8, 26984-27000	3.5	9
306	Bi-stretch reversible data hiding algorithm for absolute moment block truncation coding compressed images. <i>Multimedia Tools and Applications</i> , 2016 , 75, 16153-16171	2.5	9
305	Error-free separable reversible data hiding in encrypted images using linear regression and prediction error map. <i>Multimedia Tools and Applications</i> , 2019 , 78, 31441-31465	2.5	9
304	A high-performance reversible data-hiding scheme for LZW codes. <i>Journal of Systems and Software</i> , 2013 , 86, 2771-2778	3.3	9
303	Self-Verifying Visual Secret Sharing Using Error Diffusion and Interpolation Techniques. <i>IEEE Transactions on Information Forensics and Security</i> , 2009 , 4, 790-801	8	9
302	SIMILAR IMAGE RETRIEVAL BASED ON WAVELET TRANSFORMATION. <i>International Journal of Wavelets, Multiresolution and Information Processing</i> , 2004 , 02, 111-120	0.9	9
301	An adaptive high-fidelity steganographic scheme using edge detection and hybrid hamming codes. <i>Displays</i> , 2018 , 53, 30-39	3.4	9
300	High capacity data hiding for binary image based on block classification. <i>Multimedia Tools and Applications</i> , 2016 , 75, 8513-8526	2.5	8
299	Image Neural Style Transfer With Preserving the Salient Regions. <i>IEEE Access</i> , 2019 , 7, 40027-40037	3.5	8
298	. <i>IEEE Access</i> , 2020 , 8, 86706-86714	3.5	8
297	Reversible data embedding for indices based on histogram analysis. <i>Journal of Visual Communication and Image Representation</i> , 2014 , 25, 1704-1716	2.7	8
296	Reversible data embedding for vector quantization compressed images using search-order coding and index parity matching. <i>Security and Communication Networks</i> , 2015 , 8, 899-906	1.9	8
295	Secure Key Transfer Protocol Based on Secret Sharing for Group Communications. <i>IEICE Transactions on Information and Systems</i> , 2011 , E94-D, 2069-2076	0.6	8
294	Parallel computational algorithms for generalized Chinese remainder theorem. <i>Computers and Electrical Engineering</i> , 2003 , 29, 801-811	4.3	8
293	A new scheme of progressive image transmission based on bit-plane method 1999 ,		8

292	A fast algorithm to retrieve symbolic pictures. <i>International Journal of Computer Mathematics</i> , 1992 , 43, 133-138	1.2	8
291	An efficient general data hiding scheme based on image interpolation. <i>Journal of Information Security and Applications</i> , 2020 , 54, 102584	3.5	8
290	Steganography Using Quotient Value Differencing and LSB Substitution for AMBTC Compressed Images. <i>IEEE Access</i> , 2020 , 8, 129347-129358	3.5	8
289	Progressive secret image sharing scheme using meaningful shadows. <i>Security and Communication Networks</i> , 2016 , 9, 4075-4088	1.9	8
288	Separable Data-Hiding Scheme for Encrypted Image to Protect Privacy of User in Cloud. <i>Symmetry</i> , 2019 , 11, 82	2.7	8
287	A selective encryption scheme of CABAC based on video context in high efficiency video coding. <i>Multimedia Tools and Applications</i> , 2018 , 77, 12837-12851	2.5	8
286	High-Precision Authentication Scheme Based on Matrix Encoding for AMBTC-Compressed Images. <i>Symmetry</i> , 2019 , 11, 996	2.7	7
285	Efficient QR code authentication mechanism based on Sudoku. <i>Multimedia Tools and Applications</i> , 2019 , 78, 26023-26045	2.5	7
284	Dual-image-based reversible data hiding scheme with integrity verification using exploiting modification direction. <i>Multimedia Tools and Applications</i> , 2019 , 78, 25855-25872	2.5	7
283	A real-time dual-image-based reversible data hiding scheme using turtle shells. <i>Journal of Real-Time Image Processing</i> , 2019 , 16, 673-684	1.9	7
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