Edwin R Hancock

List of Publications by Citations

595 papers	7,006 citations	40 h-index	66 g-index
670 ext. papers	8,114 ext. citations	3 avg, IF	6.3 L-index

#	Paper	IF	Citations
595	Structural matching by discrete relaxation. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **1997**, 19, 634-648	13.3	210
594	. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2001**, 23, 1120-1136	13.3	209
593	Spectral embedding of graphs. *Pattern Recognition*, **2003**, 36, 2213-2230	7.7	186
592	Pattern vectors from algebraic graph theory. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2005**, 27, 1112-24	13.3	155
591	Clustering and embedding using commute times. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2007**, 29, 1873-90	13.3	152
590	New constraints on data-closeness and needle map consistency for shape-from-shading. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **1999**, 21, 1250-1267	13.3	142
589	Spectral correspondence for point pattern matching. *Pattern Recognition*, **2003**, 36, 193-204	7.7	139
588	Graph matching with a dual-step EM algorithm. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **1998**, 20, 1236-1253	13.3	131
587	Graph edit distance from spectral seriation. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2005**, 27, 365-378	13.3	131
586	Graph spectral image smoothing using the heat kernel. *Pattern Recognition*, **2008**, 41, 3328-3342	7.7	127
585	Graph characteristics from the heat kernel trace. *Pattern Recognition*, **2009**, 42, 2589-2606	7.7	113
584	Recovery of surface orientation from diffuse polarization. *IEEE Transactions on Image Processing*, **2006**, 15, 1653-64	8.7	108
583	Inexact graph matching using genetic search. *Pattern Recognition*, **1997**, 30, 953-970	7.7	105
582	Bayesian graph edit distance. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2000**, 22, 628-635	13.3	105
581	Discrete relaxation. *Pattern Recognition*, **1990**, 23, 711-733	7.7	92
580	Recovering facial shape using a statistical model of surface normal direction. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2006**, 28, 1914-30	13.3	85
579	. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **1990**, 12, 165-181	13.3	84

578	Graph characterizations from von Neumann entropy. *Pattern Recognition Letters*, **2012**, 33, 1958-1967	4.7	76
577	A quantum Jensen-Shannon graph kernel for unattributed graphs. *Pattern Recognition*, **2015**, 48, 344-355	7.7	68
576	A Riemannian approach to graph embedding. *Pattern Recognition*, **2007**, 40, 1042-1056	7.7	67
575	Adaptive hash retrieval with kernel based similarity. *Pattern Recognition*, **2018**, 75, 136-148	7.7	62
574	Learning shape-classes using a mixture of tree-unions. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2006**, 28, 954-67	13.3	62
573	Graph Kernels from the Jensen-Shannon Divergence. *Journal of Mathematical Imaging and Vision*, **2013**, 47, 60-69	1.6	57
572	Graph characterization via Ihara coefficients. *IEEE Transactions on Neural Networks*, **2011**, 22, 233-45		57
571	Shape estimation using polarization and shading from two views. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2007**, 29, 2001-17	13.3	54
570	Computing approximate tree edit distance using relaxation labeling. *Pattern Recognition Letters*, **2003**, 24, 1089-1097	4.7	54
569	A skeletal measure of 2D shape similarity. *Computer Vision and Image Understanding*, **2004**, 95, 1-29	4.3	53
568	Graph matching and clustering using spectral partitions. *Pattern Recognition*, **2006**, 39, 22-34	7.7	50
567	Correspondence matching with modal clusters. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2003**, 25, 1609-1615	13.3	49
566	Heat diffusion: thermodynamic depth complexity of networks. *Physical Review E*, **2012**, 85, 036206	2.4	48
565	A Bayesian compatibility model for graph matching. *Pattern Recognition Letters*, **1996**, 17, 263-276	4.7	48
564	Geometric characterization and clustering of graphs using heat kernel embeddings. *Image and Vision Computing*, **2010**, 28, 1003-1021	3.7	47
563	Probabilistic white matter fiber tracking using particle filtering and von Mises-Fisher sampling. *Medical Image Analysis*, **2009**, 13, 5-18	15.4	46
562	Deterministic search for relational graph matching. *Pattern Recognition*, **1999**, 32, 1255-1271	7.7	44
561	The M170 reflects a viewpoint-dependent representation for both familiar and unfamiliar faces. *Cerebral Cortex*, **2008**, 18, 364-70	5.1	43

560	Ensemble of Piecewise FDA Based on Spatial Histograms of Local (Gabor) Binary Patterns for Face Recognition **2006**,		43
559	Backtrackless walks on a graph. *IEEE Transactions on Neural Networks and Learning Systems*, **2013**, 24, 977-89	10.3	42
558	Learning binary code for fast nearest subspace search. *Pattern Recognition*, **2020**, 98, 107040	7.7	42
557	Spherical and Hyperbolic Embeddings of Data. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2014**, 36, 2255-69	13.3	41
556	Multiple graph matching with Bayesian inference. *Pattern Recognition Letters*, **1997**, 18, 1275-1281	4.7	41
555	Terrain analysis using radar shape-from-shading. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2003**, 25, 974-992	13.3	40
554	Needle map recovery using robust regularizers. *Image and Vision Computing*, **1999**, 17, 545-557	3.7	40
553	Joint hypergraph learning and sparse regression for feature selection. *Pattern Recognition*, **2017**, 63, 291-309	7.7	39
552	Discovering Shape Classes using Tree Edit-Distance and Pairwise Clustering. *International Journal of Computer Vision*, **2007**, 72, 259-285	10.6	39
551	Approximate von Neumann entropy for directed graphs. *Physical Review E*, **2014**, 89, 052804	2.4	38
550	Shape and refractive index recovery from single-view polarisation images **2010**,		38
549	Matching delaunay graphs. *Pattern Recognition*, **1997**, 30, 123-140	7.7	38
548	Facial Shape-from-shading and Recognition Using Principal Geodesic Analysis and Robust Statistics. *International Journal of Computer Vision*, **2007**, 76, 71-91	10.6	37
547	Empirical modelling of genetic algorithms. *Evolutionary Computation*, **2001**, 9, 461-93	4.3	37
546	Coined quantum walks lift the cospectrality of graphs and trees. *Pattern Recognition*, **2009**, 42, 1988-2002	7.7	35
545	A generative model for graph matching and embedding. *Computer Vision and Image Understanding*, **2009**, 113, 777-789	4.3	35
544	STRING EDIT DISTANCE, RANDOM WALKS AND GRAPH MATCHING. *International Journal of Pattern Recognition and Artificial Intelligence*, **2004**, 18, 315-327	1.1	35
543	A probabilistic framework for specular shape-from-shading. *Pattern Recognition*, **2003**, 36, 407-427	7.7	35

542	Relational matching by discrete relaxation. *Image and Vision Computing*, **1995**, 13, 411-421	3.7	35
541	A coupled statistical model for face shape recovery from brightness images. *IEEE Transactions on Image Processing*, **2007**, 16, 1139-51	8.7	34
540	The modified BeckmannKirchhoff scattering theory for rough surface analysis. *Pattern Recognition* , **2007**, 40, 2004-2020	7.7	34
539	Quantum-based subgraph convolutional neural networks. *Pattern Recognition*, **2019**, 88, 38-49	7.7	33
538	A unified framework for alignment and correspondence. *Computer Vision and Image Understanding*, **2003**, 92, 26-55	4.3	32
537	Graph embedding using tree edit-union. *Pattern Recognition*, **2007**, 40, 1393-1405	7.7	31
536	Characterizing graph symmetries through quantum Jensen-Shannon divergence. *Physical Review E*, **2013**, 88, 032806	2.4	30
535	Graph matching using the interference of continuous-time quantum walks. *Pattern Recognition*, **2009**, 42, 985-1002	7.7	30
534	Measuring graph similarity through continuous-time quantum walks and the quantum Jensen-Shannon divergence. *Physical Review E*, **2015**, 91, 022815	2.4	29
533	Quantum walks, Ihara zeta functions and cospectrality in regular graphs. *Quantum Information Processing*, **2011**, 10, 405-417	1.6	29
532	Facial gender classification using shape-from-shading. *Image and Vision Computing*, **2010**, 28, 1039-1048	3.7	29
531	An Energy Function and Continuous Edit Process for Graph Matching. *Neural Computation*, **1998**, 10, 1873-1894	2.9	29
530	Depth-based complexity traces of graphs. *Pattern Recognition*, **2014**, 47, 1172-1186	7.7	28
529	SYMBOLIC GRAPH MATCHING WITH THE EM ALGORITHM. *Pattern Recognition*, **1998**, 31, 1777-1790	7.7	28
528	Shape recognition from large image libraries by inexact graph matching. *Pattern Recognition Letters* , **1999**, 20, 1259-1269	4.7	28
527	A Matrix Representation of Graphs and its Spectrum as a Graph Invariant. *Electronic Journal of Combinatorics*, **2006**, 13,	1.1	28
526	Hypergraph based information-theoretic feature selection. *Pattern Recognition Letters*, **2012**, 33, 1991-1999	4.7	27
525	Relational object recognition from large structural libraries. *Pattern Recognition*, **2002**, 35, 1895-1915	7.7	27

524	Surface radiance correction for shape from shading. *Pattern Recognition*, **2005**, 38, 1574-1595	7.7	27
523	Charm photoproduction at 20 GeV. *Physical Review D*, **1984**, 30, 1-21	4.9	27
522	Iterative Procrustes alignment with the EM algorithm. *Image and Vision Computing*, **2002**, 20, 377-396	3.7	26
521	Shape and Refractive Index from Single-View Spectro-Polarimetric Images. *International Journal of Computer Vision*, **2013**, 101, 64-94	10.6	25
520	Lifetimes, cross sections, and production mechanisms of charmed particles produced by 20-GeV photons. *Physical Review D*, **1986**, 33, 1-18	4.9	25
519	Thermodynamic characterization of networks using graph polynomials. *Physical Review E*, **2015**, 92, 032810	2.4	24
518	Correcting curvature-density effects in the Hamilton-Jacobi skeleton. *IEEE Transactions on Image Processing*, **2006**, 15, 877-91	8.7	24
517	A Graph-Based Approach to Feature Selection. *Lecture Notes in Computer Science*, **2011**, 205-214	0.9	23
516	Learning Backtrackless Aligned-Spatial Graph Convolutional Networks for Graph Classification. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2020**, PP,	13.3	23
515	Fast depth-based subgraph kernels for unattributed graphs. *Pattern Recognition*, **2016**, 50, 233-245	7.7	22
514	Quantum kernels for unattributed graphs using discrete-time quantum walks. *Pattern Recognition Letters*, **2017**, 87, 96-103	4.7	22
513	Multi-view surface reconstruction using polarization **2005**,		22
512	Testing new variants of the BeckmannKirchhoff model against radiance data. *Computer Vision and Image Understanding*, **2006**, 102, 145-168	4.3	22
511	Spectral Feature Vectors for Graph Clustering. *Lecture Notes in Computer Science*, **2002**, 83-93	0.9	22
510	Genetic algorithms for ambiguous labelling problems. *Pattern Recognition*, **2000**, 33, 685-704	7.7	22
509	Pattern analysis with graphs: Parallel work at Bern and York. *Pattern Recognition Letters*, **2012**, 33, 833-841	4.1	21
508	A spectral approach to learning structural variations in graphs. *Pattern Recognition*, **2006**, 39, 1188-1198	7.7	21
507	Inclusive photoproduction of neutral strange particles at 20 GeV. *Physical Review D*, **1984**, 29, 1877-1887	4.9	21

506	Lifetimes of Charmed Particles Produced in a 20-GeV p Experiment. *Physical Review Letters*, **1982**, 48, 1526-1529	7.4	21
505	Depth-based subgraph convolutional auto-encoder for network representation learning. *Pattern Recognition*, **2019**, 90, 363-376	7.7	20
504	Cross-modal hashing with semantic deep embedding. *Neurocomputing*, **2019**, 337, 58-66	5.4	20
503	Least-commitment graph matching with genetic algorithms. *Pattern Recognition*, **2001**, 34, 375-394	7.7	20
502	Corner detection via topographic analysis of vector-potential. *Pattern Recognition Letters*, **1999**, 20, 635-650	4.7	20
501	Study of the ?(1600) Mass Region Using p-bar p at 20 GeV. *Physical Review Letters*, **1984**, 53, 751-754	7.4	20
500	Two-dimensional BRDF estimation from polarisation. *Computer Vision and Image Understanding*, **2008**, 111, 126-141	4.3	19
499	3D Object Recognition Using Hyper-Graphs and Ranked Local Invariant Features. *Lecture Notes in Computer Science*, **2008**, 117-126	0.9	19
498	Efficiently Computing Weighted Tree Edit Distance Using Relaxation Labeling. *Lecture Notes in Computer Science*, **2001**, 438-453	0.9	19
497	Graph simplification and matching using commute times. *Pattern Recognition*, **2007**, 40, 2874-2889	7.7	18
496	Correspondence matching using kernel principal components analysis and label consistency constraints. *Pattern Recognition*, **2006**, 39, 1012-1025	7.7	18
495	Graph Embedding Using Quantum Commute Times. *Lecture Notes in Computer Science*, **2007**, 371-382	0.9	18
494	Face Frontalization Using an Appearance-Flow-Based Convolutional Neural Network. *IEEE Transactions on Image Processing*, **2019**, 28, 2187-2199	8.7	18
493	Genetic algorithm parameter sets for line labelling. *Pattern Recognition Letters*, **1997**, 18, 1363-1371	4.7	17
492	Latent Distribution Preserving Deep Subspace Clustering **2019**,		17
491	Generative Graph Prototypes from Information Theory. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2015**, 37, 2013-27	13.3	16
490	Spin statistics, partition functions and network entropy. *Journal of Complex Networks*, **2017**, 5, 858-883	1.7	16
489	Acquiring height data from a single image of a face using local shape indicators. *Computer Vision and Image Understanding*, **2006**, 103, 64-79	4.3	16

488	A probabilistic spectral framework for grouping and segmentation. *Pattern Recognition*, **2004**, 37, 1387-1405	7.7	16
487	A graph-spectral approach to shape-from-shading. *IEEE Transactions on Image Processing*, **2004**, 13, 912-926	10.6	16
486	Heat Kernels, Manifolds and Graph Embedding. *Lecture Notes in Computer Science*, **2004**, 198-206	0.9	16
485	Recovering facial shape and albedo using a statistical model of surface normal direction **2005**,		16
484	Object recognition using shape-from-shading. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2001**, 23, 535-542	13.3	16
483	Scale space vector fields for symmetry detection. *Image and Vision Computing*, **1999**, 17, 337-345	3.7	16
482	Photoproduction of an isovector rho pi state at 1775 MeV. *Physical Review D*, **1991**, 43, 2787-2791	4.9	16
481	Uncertainty estimation for stereo matching based on evidential deep learning. *Pattern Recognition*, **2022**, 124, 108498	7.7	16
480	Measuring Graph Similarity Using Spectral Geometry. *Lecture Notes in Computer Science*, **2008**, 517-526	0.9	16
479	. *IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing*, **2020**, 13, 4257-4270	4.7	16
478	Multiple line-template matching with the EM algorithm. *Pattern Recognition Letters*, **1997**, 18, 1283-1292	4.7	15
477	Genetic search for structural matching. *Lecture Notes in Computer Science*, **1996**, 514-525	0.9	15
476	Graph matching by discrete relaxation. *Machine Intelligence and Pattern Recognition*, **1994**, 16, 165-176		15
475	Depth-based hypergraph complexity traces from directed line graphs. *Pattern Recognition*, **2016**, 54, 229-240	7.7	14
474	A polynomial characterization of hypergraphs using the Ihara zeta function. *Pattern Recognition*, **2011**, 44, 1941-1957	7.7	14
473	Graph matching using the interference of discrete-time quantum walks. *Image and Vision Computing*, **2009**, 27, 934-949	3.7	14
472	Supervised relevance maps for increasing the distinctiveness of facial images. *Pattern Recognition*, **2011**, 44, 929-939	7.7	14
471	Graph matching through entropic manifold alignment **2011**,		14

470	Structural Matching with Active Triangulations. *Computer Vision and Image Understanding*, **1998**, 72, 21-38	4.3	14
469	Convergence of a hill-climbing genetic algorithm for graph matching. *Pattern Recognition*, **2000**, 33, 1863-1880	7.7	14
468	A Kernel View of Spectral Point Pattern Matching. *Lecture Notes in Computer Science*, **2004**, 361-369	0.9	14
467	Attributed Graph Kernels Using the Jensen-Tsallis q-Differences. *Lecture Notes in Computer Science*, **2014**, 99-114	0.9	14
466	A Quantum-Inspired Similarity Measure for the Analysis of Complete Weighted Graphs. *IEEE Transactions on Cybernetics*, **2020**, 50, 1264-1277	10.2	14
465	High-order covariate interacted Lasso for feature selection. *Pattern Recognition Letters*, **2017**, 87, 139-146	4.7	13
464	A Bayesian interpretation for the exponential correlation associative memory. *Pattern Recognition Letters*, **1998**, 19, 149-159	4.7	13
463	Probabilistic relaxation labelling using the Fokker-Planck equation. *Pattern Recognition*, **2008**, 41, 3393-3411	7.7	13
462	Linear Differential Constraints for Photo-Polarimetric Height Estimation **2017**,		12
461	Coupled prediction classification for robust visual tracking. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2010**, 32, 1553-67	13.3	12
460	KERNEL ENTROPY-BASED UNSUPERVISED SPECTRAL FEATURE SELECTION. *International Journal of Pattern Recognition and Artificial Intelligence*, **2012**, 26, 1260002	1.1	12
459	Registering incomplete radar images using the EM algorithm. *Image and Vision Computing*, **1997**, 15, 637-648	3.7	12
458	Iterative curve organisation with the EM algorithm. *Pattern Recognition Letters*, **1997**, 18, 143-155	4.7	12
457	Estimating the surface radiance function from single images. *Graphical Models*, **2005**, 67, 518-548	0.9	12
456	Shape from periodic texture using the eigenvectors of local affine distortion. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2001**, 23, 1459-1465	13.3	12
455	Charm Photoproduction Cross Section at 20 GeV. *Physical Review Letters*, **1983**, 51, 156-159	7.4	12
454	Surface Reconstruction Using Polarization and Photometric Stereo. *Lecture Notes in Computer Science*, **2007**, 466-473	0.9	12
453	Matching and Embedding through Edit-Union of Trees. *Lecture Notes in Computer Science*, **2002**, 822-836	0.9	12

452	Efficient computation of Ihara coefficients using the Bell polynomial recursion. *Linear Algebra and Its Applications*, **2012**, 436, 1436-1441	0.9	11
451	Gender discriminating models from facial surface normals. *Pattern Recognition*, **2011**, 44, 2871-2886	7.7	11
450	Levenshtein distance for graph spectral features **2004**,		11
449	Estimating the 3D orientation of texture planes using local spectral analysis. *Image and Vision Computing*, **2000**, 18, 619-631	3.7	11
448	Consistent topographic surface labelling. *Pattern Recognition*, **1999**, 32, 1211-1223	7.7	11
447	Graph matching with hierarchical discrete relaxation. *Pattern Recognition Letters*, **1999**, 20, 1041-1052	4.7	11
446	Internet financing credit risk evaluation using multiple structural interacting elastic net feature selection. *Pattern Recognition*, **2021**, 114, 107835	7.7	11
445	Deep depth-based representations of graphs through deep learning networks. *Neurocomputing*, **2019**, 336, 3-12	5.4	11
444	Thermodynamics of Time Evolving Networks. *Lecture Notes in Computer Science*, **2015**, 315-324	0.9	10
443	New Riemannian techniques for directional and tensorial image data. *Pattern Recognition*, **2010**, 43, 1590-1606	7.7	10
442	A Light Scattering Model for Layered Dielectrics with Rough Surface Boundaries. *International Journal of Computer Vision*, **2008**, 79, 179-207	10.6	10
441	Spectral Simplification of Graphs. *Lecture Notes in Computer Science*, **2004**, 114-126	0.9	10
440	Learning mixtures of point distribution models with the EM algorithm. *Pattern Recognition*, **2003**, 36, 2805-2818	7.7	10
439	Inclusive photoproduction of strange baryons at 20 GeV. *Physical Review D*, **1985**, 32, 2869-2882	4.9	10
438	A Continuous-Time Quantum Walk Kernel for Unattributed Graphs. *Lecture Notes in Computer Science*, **2013**, 101-110	0.9	10
437	Identifying the most informative features using a structurally interacting elastic net. *Neurocomputing*, **2019**, 336, 13-26	5.4	10
436	Seamless texture stitching on a 3D mesh by poisson blending in patches **2014**,		9
435	Spherical Embedding and Classification. *Lecture Notes in Computer Science*, **2010**, 589-599	0.9	9

434	A Simple Coupled Statistical Model for 3D Face Shape Recovery **2006**,		9
433	Recovering facial pose with the EM algorithm. *Pattern Recognition*, **2002**, 35, 2073-2093	7.7	9
432	A study of pattern recovery in recurrent correlation associative memories. *IEEE Transactions on Neural Networks*, **2003**, 14, 506-19		9
431	A New Framework for Grayscale and Colour Non-lambertian Shape-from-Shading **2007**, 869-880		9
430	A Skeletal Measure of 2D Shape Similarity. *Lecture Notes in Computer Science*, **2001**, 260-271	0.9	9
429	Unfolding Kernel embeddings of graphs: Enhancing class separation through manifold learning. *Pattern Recognition*, **2015**, 48, 3357-3370	7.7	8
428	Discriminative sparse representation for face recognition. *Multimedia Tools and Applications*, **2016**, 75, 3973-3992	2.5	8
427	Eigenfunctions of the edge-based Laplacian on a graph. *Linear Algebra and Its Applications*, **2013**, 438, 4183-4189	0.9	8
426	Spherical embeddings for non-Euclidean dissimilarities **2010**,		8
425	Recognising building patterns using matched filters and genetic search. *ISPRS Journal of Photogrammetry and Remote Sensing*, **1998**, 53, 95-107	11.8	8
424	Isotree: Tree clustering via metric embedding. *Neurocomputing*, **2008**, 71, 2029-2036	5.4	8
423	Birkhoff polytopes, heat kernels and graph complexity **2008**,		8
422	Quasi-isometric parameterization for texture mapping. *Pattern Recognition*, **2008**, 41, 1732-1743	7.7	8
421	Shape-from-shading using the heat equation. *IEEE Transactions on Image Processing*, **2007**, 16, 7-21	8.7	8
420	Combinatorial Surface Integration **2006**,		8
419	An expectation□maximisation framework for segmentation and grouping. *Image and Vision Computing*, **2002**, 20, 725-738	3.7	8
418	A mixture model for pose clustering. *Pattern Recognition Letters*, **1999**, 20, 1093-1101	4.7	8
417	Contextual decision rule for region analysis. *Image and Vision Computing*, **1987**, 5, 145-153	3.7	8

416	Test of s-channel helicity conservation in inelastic rho 0 diffraction in 20-GeV photoproduction. *Physical Review D*, **1985**, 32, 2288-2293	4.9	8
415	Facial Gender Classification Using Shape from Shading and Weighted Principal Geodesic Analysis. *Lecture Notes in Computer Science*, **2008**, 925-934	0.9	8
414	Probabilistic fiber tracking using particle filtering **2007**, 10, 144-52		8
413	Flow Complexity: Fast Polytopal Graph Complexity and 3D Object Clustering. *Lecture Notes in Computer Science*, **2009**, 253-262	0.9	8
412	Approximate Axial Symmetries from Continuous Time Quantum Walks. *Lecture Notes in Computer Science*, **2012**, 144-152	0.9	8
411	Network analysis using entropy component analysis. *Journal of Complex Networks*, **2018**, 6, 404-429	1.7	7
410	Example-Based Modeling of Facial Texture from Deficient Data **2015**,		7
409	A Supergraph-based Generative Model **2010**,		7
408	Learning Large Scale Class Specific Hyper Graphs for Object Recognition **2009**,		7
407	Estimating facial pose using shape-from-shading. *Pattern Recognition Letters*, **2002**, 23, 533-548	4.7	7
406	Surface topography using shape-from-shading. *Pattern Recognition*, **2001**, 34, 823-840	7.7	7
405	Feature tracking by multi-frame relaxation. *Image and Vision Computing*, **1995**, 13, 637-644	3.7	7
404	Production and decay properties of the omega pi 0 state at 1250 MeV/c2 produced by 20-GeV polarized photons on hydrogen. *Physical Review D*, **1988**, 37, 2379-2390	4.9	7
403	Polytopal Graph Complexity, Matrix Permanents, and Embedding. *Lecture Notes in Computer Science*, **2008**, 237-246	0.9	7
402	A Quantum Jensen-Shannon Graph Kernel Using the Continuous-Time Quantum Walk. *Lecture Notes in Computer Science*, **2013**, 121-131	0.9	7
401	A Spectral Generative Model for Graph Structure. *Lecture Notes in Computer Science*, **2006**, 173-181	0.9	7
400	Graph-Based Methods for Vision: A Yorkist Manifesto. *Lecture Notes in Computer Science*, **2002**, 31-46	0.9	7
399	Concentric network symmetry. *Information Sciences*, **2016**, 333, 61-80	7.7	6

398	High-order graph matching kernel for early carcinoma EUS image classification. *Multimedia Tools and Applications*, **2016**, 75, 3993-4012	2.5	6
397	. *IEEE Transactions on Multimedia*, **2019**, 21, 300-313	6.6	6
396	Deep supervised hashing using symmetric relative entropy. *Pattern Recognition Letters*, **2019**, 125, 677-683	4.7	6
395	A Hypergraph Kernel from Isomorphism Tests **2014**,		6
394	Robust Computation of the Polarisation Image **2010**,		6
393	Rectifying Non-Euclidean Similarity Data Using Ricci Flow Embedding **2010**,		6
392	Manifold embedding for shape analysis. *Neurocomputing*, **2010**, 73, 1606-1613	5.4	6
391	A statistical approach to sparse multi-scale phase-based stereo. *Pattern Recognition*, **2007**, 40, 2504-2520	7.7	6
390	Recovering facial shape using a statistical surface normal model **2005**,		6
389	Estimating Cast Shadows using SFS and Class-based Surface Completion **2006**,		6
388	Graph Matching Using Spectral Seriation. *Lecture Notes in Computer Science*, **2003**, 517-532	0.9	6
387	Surface normals and height from non-Lambertian image data		6
386	Estimating the perspective pose of texture planes using spectral analysis on the unit sphere. *Pattern Recognition*, **2002**, 35, 2141-2163	7.7	6
385	Darboux smoothing for shape-from-shading. *Pattern Recognition Letters*, **2003**, 24, 579-595	4.7	6
384	A graph-spectral method for surface height recovery. *Pattern Recognition*, **2005**, 38, 1167-1186	7.7	6
383	EIGENSPACES FOR GRAPHS. *International Journal of Image and Graphics*, **2002**, 02, 247-268	0.5	6
382	Charge-exchange photoproduction of the a2-(1320) in association with Delta ++ at 19.3 GeV/c. *Physical Review D*, **1990**, 41, 3317-3323	4.9	6
381	Learning for Graph Matching and Related Combinatorial Optimization Problems **2020**,		6

380	Spectral Embedding of Feature Hypergraphs. *Lecture Notes in Computer Science*, **2008**, 308-317	0.9	6
379	Clustering Using Class Specific Hyper Graphs. *Lecture Notes in Computer Science*, **2008**, 318-328	0.9	6
378	Spectral bounding: Strictly satisfying the 1-Lipschitz property for generative adversarial networks. *Pattern Recognition*, **2020**, 105, 107179	7.7	6
377	Thermodynamic motif analysis for directed stock market networks. *Pattern Recognition*, **2021**, 114, 107872	7.7	6
376	Manifold Embedding of Graphs Using the Heat Kernel. *Lecture Notes in Computer Science*, **2005**, 34-49	0.9	6
375	Coined Quantum Walks Lift the Cospectrality of Graphs and Trees. *Lecture Notes in Computer Science*, **2005**, 332-345	0.9	6
374	Region-Based Object Recognition Using Shape-from-Shading. *Lecture Notes in Computer Science*, **2000**, 455-471	0.9	6
373	String Edit Distance, Random Walks and Graph Matching. *Lecture Notes in Computer Science*, **2002**, 104-112	0.9	6
372	Early Detection of Alzheimer's Disease: Detecting Asymmetries with a Return Random Walk Link Predictor. *Entropy*, **2020**, 22,	2.8	5
371	Discriminative Lasso. *Cognitive Computation*, **2016**, 8, 847-855	4.4	5
370	Detection of Edges in Color Images: A Review and Evaluative Comparison of State-of-the-Art Techniques. *Lecture Notes in Computer Science*, **2012**, 250-259	0.9	5
369	Computer Analysis of Images and Patterns. *Lecture Notes in Computer Science*, **2013**,	0.9	5
368	Recovering face shape and reflectance properties from single images **2008**,		5
367	**2007**,		5
366	Highlight Removal Using Shape-from-Shading. *Lecture Notes in Computer Science*, **2002**, 626-641	0.9	5
365	Bias□Variance Analysis for Controlling Adaptive Surface Meshes. *Computer Vision and Image Understanding*, **2000**, 77, 25-47	4.3	5
364	Forward charge asymmetry in 20-GeV gammap reactions. *Physical Review D*, **1987**, 36, 1-7	4.9	5
363	Graph-Based Methods in Computer Vision **2013**,		5

362	Detecting Alzheimer's Disease Using Directed Graphs. *Lecture Notes in Computer Science*, **2017**, 94-104	0.9	5
361	A Correspondence Measure for Graph Matching Using the Discrete Quantum Walk. *Lecture Notes in Computer Science*, **2007**, 81-91	0.9	5
360	Graph Characteristics from the Ihara Zeta Function. *Lecture Notes in Computer Science*, **2008**, 257-266	0.9	5
359	Graph-Based Object Class Discovery. *Lecture Notes in Computer Science*, **2009**, 385-393	0.9	5
358	What Is the Complexity of a Network? The Heat Flow-Thermodynamic Depth Approach. *Lecture Notes in Computer Science*, **2010**, 286-295	0.9	5
357	Reflection Component Separation Using Statistical Analysis and Polarisation. *Lecture Notes in Computer Science*, **2011**, 476-483	0.9	5
356	Graph Clustering Using the Jensen-Shannon Kernel. *Lecture Notes in Computer Science*, **2011**, 394-401	0.9	5
355	Determining the Cause of Negative Dissimilarity Eigenvalues. *Lecture Notes in Computer Science*, **2011**, 589-597	0.9	5
354	Heat Flow-Thermodynamic Depth Complexity in Directed Networks. *Lecture Notes in Computer Science*, **2012**, 190-198	0.9	5
353	Shape Analysis Using the Edge-Based Laplacian. *Lecture Notes in Computer Science*, **2012**, 382-390	0.9	5
352	Entropy and Heterogeneity Measures for Directed Graphs. *Lecture Notes in Computer Science*, **2013**, 219-234	0.9	5
351	Dirichlet densifiers for improved commute times estimation. *Pattern Recognition*, **2019**, 91, 56-68	7.7	5
350	Deep Hashing by Discriminating Hard Examples **2019**,		5
349	Local-global nested graph kernels using nested complexity traces. *Pattern Recognition Letters*, **2020** , 134, 87-95	4.7	5
348	Thermodynamic Analysis of Time Evolving Networks. *Entropy*, **2018**, 20,	2.8	5
347	Robust Multi-body Motion Tracking Using Commute Time Clustering. *Lecture Notes in Computer Science*, **2006**, 160-173	0.9	5
346	Learning Structural Variations in Shock Trees. *Lecture Notes in Computer Science*, **2002**, 113-122	0.9	5
345	Structural network inference from time-series data using a generative model and transfer entropy. *Pattern Recognition Letters*, **2019**, 125, 357-363	4.7	4

344	Network entropy analysis using the Maxwell-Boltzmann partition function **2016**,		4
343	Ricci flow embedding for rectifying non-Euclidean dissimilarity data. *Pattern Recognition*, **2014**, 47, 3709-3725	7.7	4
342	The mutual information between graphs. *Pattern Recognition Letters*, **2017**, 87, 12-19	4.7	4
341	A Graph Kernel from the Depth-Based Representation. *Lecture Notes in Computer Science*, **2014**, 1-11	0.9	4
340	Graph Characterization from Entropy Component Analysis **2014**,		4
339	Analysis of the Schrödinger Operator in the Context of Graph Characterization. *Lecture Notes in Computer Science*, **2013**, 190-203	0.9	4
338	Estimating Facial Reflectance Properties Using Shape-from-Shading. *International Journal of Computer Vision*, **2010**, 86, 152-170	10.6	4
337	**2007**,		4
336	Graph matching using spectral embedding and alignment **2004**,		4
335	Estimating the albedo map of a face from a single image **2005**,		4
334	A Linear Generative Model for Graph Structure. *Lecture Notes in Computer Science*, **2005**, 54-62	0.9	4
333	Storage Capacity of the Exponential Correlation Associative Memory **2001**, 13, 71-80		4
332	Improved orientation estimation for texture planes using multiple vanishing points. *Pattern Recognition*, **2000**, 33, 1599-1610	7.7	4
331	Inexact graph retrieval		4
330	Learning Aligned-Spatial Graph Convolutional Networks for Graph Classification. *Lecture Notes in Computer Science*, **2020**, 464-482	0.9	4
329	fMRI Activation Network Analysis Using Bose-Einstein Entropy. *Lecture Notes in Computer Science*, **2016**, 218-228	0.9	4
328	Adaptive Feature Selection Based on the Most Informative Graph-Based Features. *Lecture Notes in Computer Science*, **2017**, 276-287	0.9	4
327	Robust Estimation of Reflectance Functions from Polarization. *Lecture Notes in Computer Science*, **2007**, 363-371	0.9	4

326	Graph Edit Distance without Correspondence from Continuous-Time Quantum Walks. *Lecture Notes in Computer Science*, **2008**, 5-14	0.9	4
325	Hypergraphs, Characteristic Polynomials and the Ihara Zeta Function. *Lecture Notes in Computer Science*, **2009**, 369-376	0.9	4
324	Learning Generative Graph Prototypes Using Simplified von Neumann Entropy. *Lecture Notes in Computer Science*, **2011**, 42-51	0.9	4
323	Fusion of Multiple Candidate Orientations in Fingerprints. *Lecture Notes in Computer Science*, **2011**, 89-100	0.9	4
322	Gaussian Wave Packet on a Graph. *Lecture Notes in Computer Science*, **2013**, 224-233	0.9	4
321	Estimating 3D Facial Pose Using the EM Algorithm **1998**, 412-423		4
320	Node Centrality for Continuous-Time Quantum Walks. *Lecture Notes in Computer Science*, **2014**, 103-112	0.9	4
319	Surface Material Segmentation Using Polarisation. *Lecture Notes in Computer Science*, **2010**, 115-124	0.9	4
318	Mutual Information Criteria for Feature Selection. *Lecture Notes in Computer Science*, **2011**, 235-249	0.9	4
317	Graph Motif Entropy for Understanding Time-Evolving Networks. *IEEE Transactions on Neural Networks and Learning Systems*, **2020**, PP,	10.3	4
316	Fused lasso for feature selection using structural information. *Pattern Recognition*, **2021**, 119, 108058	7.7	4
315	Statistical mechanical analysis for unweighted and weighted stock market networks. *Pattern Recognition*, **2021**, 120, 108123	7.7	4
314	Geometric Characterisation of Graphs. *Lecture Notes in Computer Science*, **2005**, 471-478	0.9	4
313	Trace Formula Analysis of Graphs. *Lecture Notes in Computer Science*, **2006**, 306-313	0.9	4
312	Model Acquisition Using Shape-from-Shading. *Lecture Notes in Computer Science*, **2002**, 43-55	0.9	4
311	Spectral Clustering of Graphs. *Lecture Notes in Computer Science*, **2003**, 190-201	0.9	4
310	Adaptive Graph Learning for Unsupervised Feature Selection. *Lecture Notes in Computer Science*, **2015**, 790-800	0.9	3
309	Open system quantum thermodynamics of time-varying graphs. *Journal of Complex Networks*, **2020**, 8,	1.7	3

308	Recovering variations in facial albedo from low resolution images. *Pattern Recognition*, **2018**, 74, 373-384	7.7	3
307	Robust estimation of shape and polarisation using blind source separation. *Pattern Recognition Letters*, **2013**, 34, 856-862	4.7	3
306	Symmetry-Aware Mesh Segmentation into Uniform Overlapping Patches. *Computer Graphics Forum*, **2017**, 36, 95-107	2.4	3
305	Computing Gender Difference Using Fisher-Rao Metric from Facial Surface Normals **2012**,		3
304	Tensor-based total bregman divergences between graphs **2011**,		3
303	Graph Characterization via Backtrackless Paths. *Lecture Notes in Computer Science*, **2011**, 149-162	0.9	3
302	Localising facial features with matched filters. *Lecture Notes in Computer Science*, **1997**, 11-20	0.9	3
301	Heat Kernel Smoothing of Scalar and Vector Image Data **2006**,		3
300	Graph Matching Using Manifold Embedding. *Lecture Notes in Computer Science*, **2004**, 352-359	0.9	3
299	Tangent Fields from Population Coding. *Lecture Notes in Computer Science*, **2000**, 584-593	0.9	3
298	Genetic algorithms for structural editing. *Lecture Notes in Computer Science*, **1998**, 159-168	0.9	3
297	Generalized SOM with Application to Facial Gender Identification. *Jisuanji Xuebao/Chinese Journal of Computers*, **2011**, 34, 1719-1725		3
296	Imposing Integrability in Geometric Shape-from-Shading. *Lecture Notes in Computer Science*, **2003**, 196-203	0.9	3
295	P2P Lending Analysis Using the Most Relevant Graph-Based Features. *Lecture Notes in Computer Science*, **2016**, 3-14	0.9	3
294	Minimising Entropy Changes in Dynamic Network Evolution. *Lecture Notes in Computer Science*, **2017**, 255-265	0.9	3
293	A Nested Alignment Graph Kernel Through the Dynamic Time Warping Framework. *Lecture Notes in Computer Science*, **2017**, 59-69	0.9	3
292	Deep Face Model Compression Using Entropy-Based Filter Selection. *Lecture Notes in Computer Science*, **2017**, 127-136	0.9	3
291	Network Edge Entropy from Maxwell-Boltzmann Statistics. *Lecture Notes in Computer Science*, **2017**, 254-264	0.9	3

290	Spanning Tree Recovery via Random Walks in a Riemannian Manifold. *Lecture Notes in Computer Science*, **2004**, 303-311	0.9	3
289	Pairwise Similarity Propagation Based Graph Clustering for Scalable Object Indexing and Retrieval. *Lecture Notes in Computer Science*, **2009**, 184-194	0.9	3
288	Semi-supervised Feature Selection for Gender Classification. *Lecture Notes in Computer Science*, **2010**, 23-33	0.9	3
287	Graph Embedding Using an Edge-Based Wave Kernel. *Lecture Notes in Computer Science*, **2010**, 60-69	0.9	3
286	High Order Structural Matching Using Dominant Cluster Analysis. *Lecture Notes in Computer Science* , **2011**, 1-8	0.9	3
285	Graph Complexity from the Jensen-Shannon Divergence. *Lecture Notes in Computer Science*, **2012**, 79-88	0.9	3
284	Complexity Fusion for Indexing Reeb Digraphs. *Lecture Notes in Computer Science*, **2013**, 120-127	0.9	3
283			3
282	Transitive State Alignment for the Quantum Jensen-Shannon Kernel. *Lecture Notes in Computer Science*, **2014**, 22-31	0.9	3
281	A wave packet signature for complex networks. *Journal of Complex Networks*, **2019**, 7, 346-374	1.7	3
280	Entropic Dynamic Time Warping Kernels for Co-Evolving Financial Time Series Analysis. *IEEE Transactions on Neural Networks and Learning Systems*, **2020**, PP,	10.3	3
279	Image Scale-Space from the Heat Kernel. *Lecture Notes in Computer Science*, **2005**, 181-192	0.9	3
278	Riemannian graph diffusion for DT-MRI regularization. *Lecture Notes in Computer Science*, **2006**, 9, 234-42	0.9	3
277	Gender Classification Using Principal Geodesic Analysis and Gaussian Mixture Models. *Lecture Notes in Computer Science*, **2006**, 58-67	0.9	3
276	Graph Partition for Matching. *Lecture Notes in Computer Science*, **2003**, 178-189	0.9	3
275	Procrustes Alignment with the EM Algorithm. *Lecture Notes in Computer Science*, **1999**, 623-631	0.9	3
274	Inexact graph matching with genetic search. *Lecture Notes in Computer Science*, **1996**, 150-159	0.9	3
273	Genetic algorithms for ambiguous labelling problems. *Lecture Notes in Computer Science*, **1997**, 345-360	0.9	3

272	Multi-sensor fusion with Bayesian inference. *Lecture Notes in Computer Science*, **1997**, 25-32	0.9	3
271	Network Time Series Analysis Using Transfer Entropy. *Lecture Notes in Computer Science*, **2019**, 194-203	0.9	2
270	Single image super resolution via neighbor reconstruction. *Pattern Recognition Letters*, **2019**, 125, 157-165	1.7	2
269	An Entropic Edge Assortativity Measure. *Lecture Notes in Computer Science*, **2015**, 23-33	0.9	2
268	Absorptive scattering model for rough laminar surfaces **2016**,		2
267	Computer Analysis of Images and Patterns. *Lecture Notes in Computer Science*, **2013**,	0.9	2
266	Heat Kernel Embeddings, Differential Geometry and Graph Structure. *Axioms*, **2015**, 4, 275-293	1.6	2
265	An Attributed Graph Kernel from the Jensen-Shannon Divergence **2014**,		2
264	Guest Editorial Special Issue on Facial Biometrics in the Wild. *IEEE Transactions on Information Forensics and Security*, **2014**, 9, 2019-2023	8	2
263	Curvature Estimation for Ricci Flow Embedding **2014**,		2
262	Co-evolution of networks and quantum dynamics: a generalization of preferential attachment. *Journal of Statistical Mechanics: Theory and Experiment*, **2013**, 2013, P08016	1.9	2
261	Graph Characteristics from the Schr□dinger Operator. *Lecture Notes in Computer Science*, **2013**, 172-181	0.9	2
260	Graph Characterization Using Gaussian Wave Packet Signature. *Lecture Notes in Computer Science*, **2013**, 176-189	0.9	2
259	Characterizing Graphs Using Approximate von Neumann Entropy. *Lecture Notes in Computer Science* , **2011**, 484-491	0.9	2
258	Characterising Facial Gender Difference Using Fisher-Rao Metric **2010**,		2
257	Recovering 3D Shape Using an Improved Fast Marching Method **2010**,		2
256	Detection of skin lesions using diffuse polarisation **2010**,		2
255	Refractive index estimation using photometric stereo **2011**,		2

254	A Jensen-Shannon Kernel for Hypergraphs. *Lecture Notes in Computer Science*, **2012**, 181-189	0.9	2
253	Density propagation for surface tracking. *Pattern Recognition Letters*, **1998**, 19, 177-188	4.7	2
252	Object recognition using graph spectral invariants **2008**,		2
251	Reflectance Modeling for Layered Dielectrics with Rough Surface Boundaries **2006**,		2
250	String Kernels for Matching Seriated Graphs **2006**,		2
249	Edge Detection and Anisotropic Diffusion for Tensor-Valued Images **2006**,		2
248	Face Recognition using Patch-based Spin Images **2006**,		2
247	Rough Surface Correction and Re-illumination Using the Modified Beckmann Model. *Lecture Notes in Computer Science*, **2003**, 98-106	0.9	2
246	Graph Clustering with Tree-Unions. *Lecture Notes in Computer Science*, **2003**, 451-459	0.9	2
245	Spectral Analysis of Complex Laplacian Matrices. *Lecture Notes in Computer Science*, **2004**, 57-65	0.9	2
244	Skin reflectance modelling for face recognition **2004**,		2
243	Surface height recovery from surface normals using manifold embedding		2
242	Estimating the surface radiance function from single images		2
241	Coarse view synthesis using shape-from-shading. *Pattern Recognition*, **2003**, 36, 439-449	7.7	2
240	Pattern spaces from graph polynomials		2
239	Vector field smoothing via heat flow **2004**,		2
238	Recent Results on Heat Kernel Embedding of Graphs. *Lecture Notes in Computer Science*, **2005**, 373-382	0.9	2
237	Graph Clustering Using Heat Content Invariants. *Lecture Notes in Computer Science*, **2005**, 123-130	0.9	2

236	Relaxation matching of road networks in aerial images using topological constraints **1993**,		2
235			2
234	Search for a threshold enhancement in the p-p̄ charmed baryon + charmed meson cross section. *Physical Review D*, **1984**, 30, 694-696	4.9	2
233	Face Recognition Using Principal Geodesic Analysis and Manifold Learning. *Lecture Notes in Computer Science*, **2007**, 426-434	0.9	2
232	Graph Spectral Image Smoothing. *Lecture Notes in Computer Science*, **2007**, 191-203	0.9	2
231	Graph Similarity Using Interfering Quantum Walks. *Lecture Notes in Computer Science*, **2007**, 823-831	0.9	2
230	Evolving Spanning Trees Using the Heat Equation. *Lecture Notes in Computer Science*, **2005**, 272-279	0.9	2
229	Graph Seriation Using Semi-definite Programming. *Lecture Notes in Computer Science*, **2005**, 63-71	0.9	2
228	Using Cartesian Models of Faces with a Data-Driven and Integrable Fitting Framework. *Lecture Notes in Computer Science*, **2006**, 134-145	0.9	2
227	Thermodynamic Network Analysis with Quantum Spin Statistics. *Lecture Notes in Computer Science*, **2016**, 153-162	0.9	2
226	Graph Characteristic from the Gauss-Bonnet Theorem. *Lecture Notes in Computer Science*, **2008**, 207-216	0.9	2
225	Geometric Characterizations of Graphs Using Heat Kernel Embeddings. *Lecture Notes in Computer Science*, **2009**, 124-142	0.9	2
224	Regularising the Ricci Flow Embedding. *Lecture Notes in Computer Science*, **2010**, 579-588	0.9	2
223	Attributed Graph Similarity from the Quantum Jensen-Shannon Divergence. *Lecture Notes in Computer Science*, **2013**, 204-218	0.9	2
222	Analysis of Wave Packet Signature of a Graph. *Lecture Notes in Computer Science*, **2013**, 128-136	0.9	2
221	Deterministic search strategies for relational graph matching. *Lecture Notes in Computer Science*, **1997**, 261-275	0.9	2
220	A Quantum Jensen-Shannon Graph Kernel Using Discrete-Time Quantum Walks. *Lecture Notes in Computer Science*, **2015**, 252-261	0.9	2
219	An Edge-Based Matching Kernel for Graphs Through the Directed Line Graphs. *Lecture Notes in Computer Science*, **2015**, 85-95	0.9	2

218	Commute Times in Dense Graphs. *Lecture Notes in Computer Science*, **2016**, 241-251	0.9	2
217	Correlation Network Evolution Using Mean Reversion Autoregression. *Lecture Notes in Computer Science*, **2016**, 163-173	0.9	2
216	Incrementally Discovering Object Classes Using Similarity Propagation and Graph Clustering. *Lecture Notes in Computer Science*, **2010**, 373-383	0.9	2
215	An Information Theoretic Approach to Learning Generative Graph Prototypes. *Lecture Notes in Computer Science*, **2011**, 133-148	0.9	2
214	From Points to Nodes: Inverse Graph Embedding through a Lagrangian Formulation. *Lecture Notes in Computer Science*, **2011**, 194-201	0.9	2
213	Feature Selection for Gender Classification. *Lecture Notes in Computer Science*, **2011**, 76-83	0.9	2
212	Information Theoretic Prototype Selection for Unattributed Graphs. *Lecture Notes in Computer Science*, **2012**, 33-41	0.9	2
211	A Graph Embedding Method Using the Jensen-Shannon Divergence. *Lecture Notes in Computer Science*, **2013**, 102-109	0.9	2
210	Network entropy using edge-based information functionals. *Journal of Complex Networks*, **2020**, 8,	1.7	2
209	Network embedding from the line graph: Random walkers and boosted classification. *Pattern Recognition Letters*, **2021**, 143, 36-42	4.7	2
208	Multimodal fusion for indoor sound source localization. *Pattern Recognition*, **2021**, 115, 107906	7.7	2
207	Directed and undirected network evolution from Euler□agrange dynamics. *Pattern Recognition Letters*, **2020**, 134, 135-144	4.7	2
206	Leveraging Shannon Entropy to Validate the Transition between ICD-10 and ICD-11. *Entropy*, **2018**, 20,	2.8	2
205	Directed Graph Evolution from Euler-Lagrange Dynamics **2018**,		2
204	A Preliminary Survey of Analyzing Dynamic Time-Varying Financial Networks Using Graph Kernels. *Lecture Notes in Computer Science*, **2018**, 237-247	0.9	2
203	Coupled Statistical Face Reconstruction. *Lecture Notes in Computer Science*, **2005**, 153-161	0.9	2
202	Recovery of Surface Height Using Polarization from Two Views. *Lecture Notes in Computer Science*, **2005**, 162-170	0.9	2
201	Graph Embedding Using Commute Time. *Lecture Notes in Computer Science*, **2006**, 441-449	0.9	2

200	Efficient Alignment and Correspondence Using Edit Distance. *Lecture Notes in Computer Science*, **2000**, 246-255	0.9	2
199	Graph Matching Using Spectral Seriation and String Edit Distance. *Lecture Notes in Computer Science*, **2003**, 154-165	0.9	2
198	Structural Constraints for Pose Clustering. *Lecture Notes in Computer Science*, **1999**, 632-640	0.9	2
197	Hierarchical discrete relaxation. *Lecture Notes in Computer Science*, **1996**, 120-129	0.9	2
196	Refining surface curvature with relaxation labeling. *Lecture Notes in Computer Science*, **1997**, 150-157	0.9	2
195	The low-rank decomposition of correlation-enhanced superpixels for video segmentation. *Soft Computing*, **2019**, 23, 13055-13065	3.5	1
194	Graph Entropy from Closed Walk and Cycle Functionals. *Lecture Notes in Computer Science*, **2016**, 174-184	0.9	1
193	A transitive aligned Weisfeiler-Lehman subtree kernel **2016**,		1
192	Reflectance-aware optical flow **2016**,		1
191	Graph Similarity through Entropic Manifold Alignment. *SIAM Journal on Imaging Sciences*, **2017**, 10, 942-978	1.9	1
190	Obstacle detection by means of stereo feature matching **2014**,		1
189	Graph Characterization Using Wave Kernel Trace **2014**,		1
188	Heat Flow-Thermodynamic Depth Complexity in Networks **2010**,		1
187	Distinguishing facial expression using the Fisher-Rao metric **2010**,		1
186	Commute-Time Convolution Kernels for Graph Clustering. *Lecture Notes in Computer Science*, **2010**, 316-323	0.9	1
185	Robust Shape from Polarisation and Shading **2010**,		1
184	An information theoretic approach to gender feature selection **2011**,		1
183	Weighted graph characteristics from oriented line graph polynomials **2009**,		1

182	Extracting gender discriminating features from facial needle-maps **2009**,		1
181	Learning Class Specific Graph Prototypes. *Lecture Notes in Computer Science*, **2009**, 269-277	0.9	1
180	Characteristic Polynomial Analysis on Matrix Representations of Graphs. *Lecture Notes in Computer Science*, **2009**, 243-252	0.9	1
179	Probabilistic Relaxation Labeling by Fokker-Planck Diffusion on a Graph. *Lecture Notes in Computer Science*, **2007**, 204-214	0.9	1
178	Graph Matching using Interference of Coined Quantum Walks **2006**,		1
177	ESTIMATING FACIAL ALBEDO FROM A SINGLE IMAGE. *International Journal of Pattern Recognition and Artificial Intelligence*, **2006**, 20, 955-970	1.1	1
176	. *Proceedings International Conference on Image Processing*, **2007**,	1.6	1
175	Arabic Character Recognition Using Structural Shape Decomposition. *Lecture Notes in Computer Science*, **2003**, 478-486	0.9	1
174	Face recognition using shading-based curvature attributes **2004**,		1
173	Probabilistic phase based sparse stereo **2004**,		1
172	Detecting multiple texture planes using local spectral distortion. *Image and Vision Computing*, **2002**, 20, 739-750	3.7	1
171	Graph manifolds from spectral polynomials **2004**,		1
170	A comparison of Cartesian coordinate-based representations for building three-dimensional models of faces **2005**,		1
169	Vector transport for shape-from-shading. *Pattern Recognition*, **2005**, 38, 1239-1260	7.7	1
168	A Model-Based Method for Face Shape Recovery. *Lecture Notes in Computer Science*, **2005**, 268-276	0.9	1
167	Clustering shapes using heat content invariants **2005**,		1
166	Holistic matching. *Lecture Notes in Computer Science*, **1998**, 140-155	0.9	1
165	Bias-variance tradeoff for adaptive surface meshes. *Lecture Notes in Computer Science*, **1998**, 449-465	0.9	1

164	Statistical Methods for Surface Integration. *Lecture Notes in Computer Science*, **2007**, 427-441	0.9	1
163	Adapting Spectral Scale for Shape from Texture. *Lecture Notes in Computer Science*, **2000**, 421-435	0.9	1
162	A Maximum Likelihood Framework for Grouping and Segmentation. *Lecture Notes in Computer Science*, **2001**, 251-267	0.9	1
161	Disparity Using Feature Points in Multi Scale. *Lecture Notes in Computer Science*, **2002**, 320-328	0.9	1
160	A Hierarchical Framework for Spectral Correspondence. *Lecture Notes in Computer Science*, **2002**, 266-281	0.9	1
159	Pairwise Clustering with Matrix Factorisation and the EM Algorithm. *Lecture Notes in Computer Science*, **2002**, 63-77	0.9	1
158	Rough Surface Estimation Using the Kirchhoff Model. *Lecture Notes in Computer Science*, **2003**, 477-484	0.9	1
157	Steady State Random Walks for Path Estimation. *Lecture Notes in Computer Science*, **2004**, 143-152	0.9	1
156	Improved Face Shape Recovery and Re-illumination Using Convexity Constraints. *Lecture Notes in Computer Science*, **2005**, 487-494	0.9	1
155	Commute Times, Discrete Green's Functions and Graph Matching. *Lecture Notes in Computer Science*, **2005**, 454-462	0.9	1
154	Commute Times for Graph Spectral Clustering. *Lecture Notes in Computer Science*, **2005**, 128-136	0.9	1
153	Kernel Spectral Correspondence Matching Using Label Consistency Constraints. *Lecture Notes in Computer Science*, **2005**, 503-510	0.9	1
152	Point Pattern Matching Via Spectral Geometry. *Lecture Notes in Computer Science*, **2006**, 459-467	0.9	1
151	Shape Simplification Through Graph Sparsification. *Lecture Notes in Computer Science*, **2017**, 13-22	0.9	1
150	Graph Time Series Analysis Using Transfer Entropy. *Lecture Notes in Computer Science*, **2018**, 217-226	0.9	1
149	Dirichlet Densifiers: Beyond Constraining the Spectral Gap. *Lecture Notes in Computer Science*, **2018**, 512-521	0.9	1
148	Radiance Function Estimation for Object Classification. *Lecture Notes in Computer Science*, **2004**, 67-75	0.9	1
147	Supervised Principal Geodesic Analysis on Facial Surface Normals for Gender Classification. *Lecture Notes in Computer Science*, **2008**, 664-673	0.9	1

146	Entropic Graph Embedding via Multivariate Degree Distributions. *Lecture Notes in Computer Science* , **2014**, 163-172	0.9	1
145	Estimating Material Parameters Using Light Scattering Model and Polarization. *Lecture Notes in Electrical Engineering*, **2020**, 405-414	0.2	1
144	Matching Delaunay graphs. *Lecture Notes in Computer Science*, **1995**, 56-61	0.9	1
143	An expectation-maximisation approach to graph matching. *Lecture Notes in Computer Science*, **1997**, 425-439	0.9	1
142	Convergence of a Hill Climbing Genetic Algorithm for Graph Matching. *Lecture Notes in Computer Science*, **1999**, 221-236	0.9	1
141	Unsupervised Feature Selection by Graph Optimization. *Lecture Notes in Computer Science*, **2015**, 130-140	0.9	1
140	An Edge-Based Matching Kernel Through Discrete-Time Quantum Walks. *Lecture Notes in Computer Science*, **2015**, 27-38	0.9	1
139	A Jensen-Shannon Divergence Kernel for Directed Graphs. *Lecture Notes in Computer Science*, **2016**, 196-206	0.9	1
138	Robust Shape and Polarisation Estimation Using Blind Source Separation. *Lecture Notes in Computer Science*, **2011**, 178-185	0.9	1
137	Facial Expression Recognition Using Nonrigid Motion Parameters and Shape-from-Shading. *Lecture Notes in Computer Science*, **2011**, 105-113	0.9	1
136	Improved Content-Based Watermarking Using Scale-Invariant Feature Points. *Lecture Notes in Computer Science*, **2011**, 636-649	0.9	1
135	An Efficient Scheme for Color Edge Detection in Uniform Color Space. *Lecture Notes in Computer Science*, **2012**, 260-267	0.9	1
134	3D Shape Classification Using Commute Time. *Lecture Notes in Computer Science*, **2012**, 208-215	0.9	1
133	Hypergraph Spectra for Semi-supervised Feature Selection. *Lecture Notes in Computer Science*, **2012** , 207-222	0.9	1
132	Information-Theoretic Dissimilarities for Graphs. *Lecture Notes in Computer Science*, **2013**, 90-105	0.9	1
131	A Fast Jensen-Shannon Subgraph Kernel. *Lecture Notes in Computer Science*, **2013**, 181-190	0.9	1
130	Estimating Complex Refractive Index Using Ellipsometry. *Lecture Notes in Computer Science*, **2013**, 201-210	0.9	1
129	Heterogeneity Index for Directed Graphs. *Lecture Notes in Computer Science*, **2013**, 424-431	0.9	1

128	Pooling Attention-based EncoderDecoder Network for semantic segmentation. *Computers and Electrical Engineering*, **2021**, 93, 107260	4.3	1
127	Guest Editorial Special Section on Learning in Non-(geo)metric Spaces. *IEEE Transactions on Neural Networks and Learning Systems*, **2016**, 27, 1290-1293	10.3	1
126	Semi-Supervised Face Frontalization in the Wild. *IEEE Transactions on Information Forensics and Security*, **2021**, 16, 909-922	8	1
125	Graph Transformer: Learning Better Representations for Graph Neural Networks. *Lecture Notes in Computer Science*, **2021**, 139-149	0.9	1
124	**2018**,		1
123	Network edge entropy decomposition with spin statistics. *Pattern Recognition*, **2021**, 118, 108040	7.7	1
122	Uncalibrated, Two Source Photo-Polarimetric Stereo. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2021**, PP,	13.3	1
121	Modelling Surface Normal Distribution Using the Azimuthal Equidistant Projection. *Lecture Notes in Computer Science*, **2005**, 381-394	0.9	1
120	Smoothing Tensor-Valued Images Using Anisotropic Geodesic Diffusion. *Lecture Notes in Computer Science*, **2006**, 83-91	0.9	1
119	Curvature Dependent Skeletonization. *Lecture Notes in Computer Science*, **2003**, 200-207	0.9	1
118	Linear Shape Recognition with Mixtures of Point Distribution Models. *Lecture Notes in Computer Science*, **2002**, 205-215	0.9	1
117	Dirichlet densifier bounds: Densifying beyond the spectral gap constraint. *Pattern Recognition Letters*, **2019**, 125, 425-431	4.7	0
116	Iterative Deep Subspace Clustering. *Lecture Notes in Computer Science*, **2018**, 42-51	0.9	0
115	Estimating Reflectance Functions Using a Cyberware 3030 Scanner. *Lecture Notes in Computer Science*, **2007**, 342-350	0.9	0
114	Deep Supervised Hashing with Information Loss. *Lecture Notes in Computer Science*, **2018**, 395-405	0.9	0
113	Reconstructing 3D Facial Shape Using Spherical Harmonics. *Lecture Notes in Computer Science*, **2009**, 949-957	0.9	0
112	A Hypergraph-Based Approach to Feature Selection. *Lecture Notes in Computer Science*, **2011**, 228-235	0.9	0
111	A Statistical Operator for Detecting Weak Edges in Low Contrast Images. *Lecture Notes in Computer Science*, **2012**, 89-96	0.9	0

110	Seeking affinity structure: Strategies for improving m-best graph matching. *Information Sciences*, **2020**, 509, 164-182	7.7	0
109	Learning Graph Convolutional Networks based on Quantum Vertex Information Propagation. *IEEE Transactions on Knowledge and Data Engineering*, **2021**, 1-1	4.2	0
108	Plenoptic Imaging for Seeing Through Turbulence. *Lecture Notes in Computer Science*, **2018**, 367-375	0.9	0
107	Network Embedding by Walking on the Line Graph. *Lecture Notes in Computer Science*, **2019**, 215-225	0.9	
106	Coupled-Feature Hypergraph Representation for Feature Selection. *Lecture Notes in Computer Science*, **2015**, 44-53	0.9	
105	Quantum Edge Entropy for Alzheimer's Disease Analysis. *Lecture Notes in Computer Science*, **2018**, 449-459	0.9	
104	Vertex-level three-dimensional shape deformability measurement based on line segment advection. *IET Computer Vision*, **2018**, 12, 520-526	1.4	
103	Thermodynamic Depth in Undirected and Directed Networks **2013**, 229-247		
102	Arabic Handwritten Character Recognition Using Structural Shape Decomposition. *Signal and Image Processing: an International Journal*, **2017**, 8, 01-11	0.3	
101	Commute Time for a Gaussian Wave Packet on a Graph. *Lecture Notes in Computer Science*, **2014**, 374-383	0.9	
100	Eigenvector Sign Correction for Spectral Correspondence Matching. *Lecture Notes in Computer Science*, **2013**, 41-50	0.9	
99	Entropy versus Heterogeneity for Graphs. *Lecture Notes in Computer Science*, **2011**, 32-41	0.9	
98	Learning a Self-organizing Map Model on a Riemannian Manifold. *Lecture Notes in Computer Science* , **2009**, 375-390	0.9	
97	Fitting 3D Cartesian Models to Faces Using Irradiance and Integrability Constraints. *Lecture Notes in Computer Science*, **2005**, 876-883	0.9	
96	Vector Transport for Shape-from-Shading. *Lecture Notes in Computer Science*, **2003**, 142-162	0.9	
95	Recovery of Surface Height from Diffuse Polarisation. *Lecture Notes in Computer Science*, **2004**, 621-628	0.9	
94	Graph Pattern Spaces from Laplacian Spectral Polynomials. *Lecture Notes in Computer Science*, **2004** , 327-334	0.9	
93	A skeletal measure of 2D shape similarity. *Computer Vision and Image Understanding*, **2004**, 95, 1-1	4.3	

92	Improving Correspondence Matching Using Label Consistency Constraints. *Lecture Notes in Computer Science*, **2005**, 235-242	0.9
91	Machine Learning with Seriated Graphs. *Lecture Notes in Computer Science*, **2005**, 155-162	0.9
90	A Robust Graph Partition Method from the Path-Weighted Adjacency Matrix. *Lecture Notes in Computer Science*, **2005**, 362-372	0.9
89	Adding Subsurface Attenuation to the Beckmann-Kirchhoff Theory. *Lecture Notes in Computer Science*, **2005**, 247-254	0.9
88	Towards Unitary Representations for Graph Matching. *Lecture Notes in Computer Science*, **2005**, 153-161	0.9
87	A Bayesian framework for 3D surface estimation. *Pattern Recognition*, **2001**, 34, 903-922	7.7
86	Eigenspaces for graphs from spectral features **2002**, 4875, 772	
85	Storage capacity of the exponential correlation associative memory. *Lecture Notes in Computer Science*, **1999**, 301-310	0.9
84	Robust 3D feature detection using dictionary-based relaxation **1994**, 2308, 704	
83	Graph Heat Kernel Based Image Smoothing302-330	
82	Facial Shape Spaces from Surface Normals. *Lecture Notes in Computer Science*, **2008**, 955-965	0.9
81	Spectral Modes of Facial Needle-Maps. *Lecture Notes in Computer Science*, **2007**, 169-176	0.9
80	Facial Shape-from-Shading Using Principal Geodesic Analysis and Robust Statistics. *Lecture Notes in Computer Science*, **2007**, 412-426	0.9
79	Face Shape Recovery and Recognition Using a Surface Gradient Based Statistical Model. *Lecture Notes in Computer Science*, **2007**, 399-407	0.9
78	Testing Viewpoint Invariance in the Neural Representation of Faces: An MEG Study **2007**, 52-61	
77	Selection Strategies for Ambiguous Graph Matching by Evolutionary Optimisation. *Lecture Notes in Computer Science*, **2000**, 397-406	0.9
76	Curvature Estimation Using Shape-from-Texture. *Lecture Notes in Computer Science*, **2000**, 327-336	0.9
75	Least Committment Graph Matching by Evolutionary Optimisation. *Lecture Notes in Computer Science*, **2000**, 203-219	0.9

74	Shape-from-Texture from Eigenvectors of Spectral Distortion **2000**, 194-213	
73	Shape-from-Shading Using Darboux Smoothing. *Lecture Notes in Computer Science*, **2001**, 657-667	0.9
72	Population Coding of Multiple Edge Orientation. *Lecture Notes in Computer Science*, **2002**, 1261-1267	0.9
71	Curvature Consistency for Shape-from-Shading. *Lecture Notes in Computer Science*, **2003**, 67-74	0.9
70	Tree Edit Distance from Information Theory. *Lecture Notes in Computer Science*, **2003**, 71-82	0.9
69	Learning Mixtures of Tree-Unions by Minimizing Description Length. *Lecture Notes in Computer Science*, **2003**, 130-146	0.9
68	Face Recognition with Generalized Entropy Measurements. *Lecture Notes in Computer Science*, **2004** , 733-740	0.9
67	A Probabilistic Framework for Articulated Shape Recognition. *Lecture Notes in Computer Science*, **2004**, 62-75	0.9
66	Learning Mixtures of Weighted Tree-Unions by Minimizing Description Length. *Lecture Notes in Computer Science*, **2004**, 13-25	0.9
65	A Hierarchical Framework for Shape Recognition Using Articulated Shape Mixtures. *Lecture Notes in Computer Science*, **2004**, 335-343	0.9
64	Grey Scale Skeletonisation with Curvature Sensitive Noise Damping. *Lecture Notes in Computer Science*, **2004**, 461-469	0.9
63	A Method for Re-illuminating Faces from a Single Image. *Lecture Notes in Computer Science*, **2004**, 267-274	0.9
62	Improving Height Recovery from a Single Image of a Face Using Local Shape Indicators. *Lecture Notes in Computer Science*, **2004**, 613-620	0.9
61	Single Image Estimation of Facial Albedo Maps. *Lecture Notes in Computer Science*, **2005**, 517-526	0.9
60	Eigenspaces from Seriated Graphs. *Lecture Notes in Computer Science*, **2005**, 179-187	0.9
59	3D Triangular Mesh Parametrization Using Locally Linear Embedding. *Lecture Notes in Computer Science*, **2005**, 96-103	0.9
58	Analysis of Directional Reflectance and Surface Orientation Using Fresnel Theory. *Lecture Notes in Computer Science*, **2005**, 103-111	0.9
57	Locally Linear Isometric Parameterization. *Lecture Notes in Computer Science*, **2005**, 552-567	0.9

56	Estimation of Facial Angular Information Using a Complex-Number-Based Statistical Model. *Lecture Notes in Computer Science*, **2005**, 327-338	0.9
55	Face Recognition with Region Division and Spin Images. *Lecture Notes in Computer Science*, **2006**, 109-117	0.9
54	A Graph Spectral Approach to Consistent Labelling. *Lecture Notes in Computer Science*, **2006**, 57-68	0.9
53	A Light Scattering Model for Layered Rough Surfaces. *Lecture Notes in Computer Science*, **2006**, 169-180	0.9
52	Diffusion of Geometric Affinity for Surface Integration. *Lecture Notes in Computer Science*, **2006**, 92-99	0.9
51	Spanning Trees from the Commute Times of Random Walks on Graphs. *Lecture Notes in Computer Science*, **2006**, 375-385	0.9
50	Facial Shadow Removal. *Lecture Notes in Computer Science*, **2006**, 569-577	0.9
49	A Coupled Statistical Model for Face Shape Recovery. *Lecture Notes in Computer Science*, **2006**, 898-906	0.9
48	Quantitative Evaluation on Heat Kernel Permutation Invariants. *Lecture Notes in Computer Science*, **2008**, 217-226	0.9
47	Recognising Facial Expressions Using Spherical Harmonics. *Lecture Notes in Computer Science*, **2008**, 157-166	0.9
46	Directed Network Analysis Using Transfer Entropy Component Analysis. *Lecture Notes in Computer Science*, **2018**, 491-500	0.9
45	A Mixed Entropy Local-Global Reproducing Kernel for Attributed Graphs. *Lecture Notes in Computer Science*, **2018**, 501-511	0.9
44	Bragg Diffraction Patterns as Graph Characteristics. *Lecture Notes in Computer Science*, **2018**, 62-75	0.9
43	Euler-Lagrange Network Dynamics. *Lecture Notes in Computer Science*, **2018**, 424-438	0.9
42	Graph Edge Entropy in Maxwell-Boltzmann Statistics for Alzheimer's Disease Analysis. *Lecture Notes in Computer Science*, **2019**, 56-66	0.9
41	Estimating Facial Aging Using Light Scattering Photometry. *Advances in Computer Vision and Pattern Recognition*, **2020**, 205-232	1.1
40	Statistical surface tracking. *Lecture Notes in Computer Science*, **1995**, 618-624	0.9
39	Relational matching with active graphs. *Lecture Notes in Computer Science*, **1995**, 334-341	0.9

38	An integrated approach to grouping and matching. *Lecture Notes in Computer Science*, **1995**, 62-67	0.9
37	Rectifying structural matching errors. *Lecture Notes in Computer Science*, **1996**, 353-362	0.9
36	A statistical process for surface tracking. *Lecture Notes in Computer Science*, **1996**, 337-348	0.9
35	A Bayesian Framework for Associative Memories. *Perspectives in Neural Computing*, **1997**, 125-131	
34	Image registration with shape mixtures. *Lecture Notes in Computer Science*, **1997**, 172-179	0.9
33	Modelling Needle-Map Consistency with Novel Constraints. *Lecture Notes in Computer Science*, **1999**, 498-507	0.9
32	Topographic Surface Structure from 2D Images Using Shape-from-Shading. *Lecture Notes in Computer Science*, **1999**, 14-30	0.9
31	Similarity Analysis from Limiting Quantum Walks. *Lecture Notes in Computer Science*, **2015**, 38-53	0.9
30	Skeletal Graphs from Schrödinger Magnitude and Phase. *Lecture Notes in Computer Science*, **2015**, 335-344	0.9
29	A High-Order Depth-Based Graph Matching Method. *Lecture Notes in Computer Science*, **2015**, 465-476	0.9
28	Thermodynamic Characterization of Temporal Networks. *Lecture Notes in Computer Science*, **2016**, 49-59	0.9
27	A Riemannian Self-Organizing Map. *Lecture Notes in Computer Science*, **2009**, 229-238	0.9
26	Graph Regularisation Using Gaussian Curvature. *Lecture Notes in Computer Science*, **2009**, 233-242	0.9
25	Characterizing Graphs Using Spherical Triangles. *Lecture Notes in Computer Science*, **2009**, 465-472	0.9
24	Affinity Propagation for Class Exemplar Mining. *Lecture Notes in Computer Science*, **2010**, 191-201	0.9
23	Associating Minutiae between Distorted Fingerprints Using Minimal Spanning Tree. *Lecture Notes in Computer Science*, **2010**, 235-245	0.9
22	Using the Fisher-Rao Metric to Compute Facial Similarity. *Lecture Notes in Computer Science*, **2010**, 384-393	0.9
21	Ihara Coefficients: A Flexible Tool for Higher Order Learning. *Lecture Notes in Computer Science*, **2010**, 670-679	0.9

20	Face Recognition Using Simplicial Complexes. *Lecture Notes in Computer Science*, **2010**, 22-29	0.9
19	Natural Material Segmentation and Classification Using Polarisation. *Lecture Notes in Computer Science*, **2011**, 468-475	0.9
18	Rectifying Non-euclidean Similarity Data through Tangent Space Reprojection. *Lecture Notes in Computer Science*, **2011**, 379-386	0.9
17	Refractive Index Estimation Using Polarisation and Photometric Stereo. *Lecture Notes in Computer Science*, **2011**, 548-554	0.9
16	Feature Point Matching Using a Hermitian Property Matrix. *Lecture Notes in Computer Science*, **2011** , 321-332	0.9
15	Refractive Index Estimation of Naturally Occurring Surfaces Using Photometric Stereo. *Lecture Notes in Computer Science*, **2011**, 267-275	0.9
14	Kernelising the Ihara Zeta Function. *Lecture Notes in Computer Science*, **2011**, 219-227	0.9
13	Hypergraph Spectra for Unsupervised Feature Selection. *Lecture Notes in Computer Science*, **2012**, 620-628	2.9
12	Estimating Surface Characteristics and Extracting Features from Polarisation. *Lecture Notes in Computer Science*, **2012**, 400-408	0.9
11	Localized Graph-Based Feature Selection for Clustering. *Lecture Notes in Computer Science*, **2012**, 1-10	0.9
10	Unsupervised Clustering of Human Pose Using Spectral Embedding. *Lecture Notes in Computer Science*, **2012**, 467-473	0.9
9	TurboTensors for Entropic Image Comparison. *Lecture Notes in Computer Science*, **2013**, 51-60	0.9
8	Geometricity and Embedding **2013**, 121-155	
7	Manifold Learning and the Quantum Jensen-Shannon Divergence Kernel. *Lecture Notes in Computer Science*, **2013**, 62-69	0.9
6	Pattern Recognition with Non-Euclidean Similarities. *Advances in Intelligent Systems and Computing*, **2014**, 3-15	0.4
5	Weighted Network Analysis Using the Debye Model. *Lecture Notes in Computer Science*, **2021**, 153-163	0.9
4	Erratum to Network analysis using entropy component analysis *Journal of Complex Networks*, **2018**, 6, 831-831	1.7
3	The Entropy of Graph Embeddings: A Proxy of Potential Mobility in Covid19 Outbreaks. *Lecture Notes in Computer Science*, **2021**, 195-204	0.9

2	LGL-GNN: Learning Global and Local Information for Graph Neural Networks. *Lecture Notes in Computer Science*, **2021**, 129-138	0.9
1	Direction of Arrival Estimation for Indoor Environments Based on Acoustic Composition Model with a Single Microphone. *Pattern Recognition*, **2022**, 108715	7.7