Stuart J Gibson

List of Publications by Year
in descending order

16 papers	589 citations	1040056 9 h-index	1058476 14 g-index
16 all docs	16 docs citations	16 times ranked	743 citing authors

#	ARTICLE	IF	CITATIONS
1	Principal component analysis of diffuse magnetic neutron scattering: a theoretical study. Journal of Physics Condensed Matter, 2021, 33, 324002.	1.8	1
2	LSHR-Net: A hardware-friendly solution for high-resolution computational imaging using a mixed-weights neural network. Neurocomputing, 2020, 406, 169-181.	5.9	1
3	Dynamic spectrum matching with one-shot learning. Chemometrics and Intelligent Laboratory Systems, 2019, 184, 175-181.	3.5	26
4	Breakthrough percepts of famous faces. Psychophysiology, 2019, 56, e13279.	2.4	14
5	High-Throughput Photonic Time-Stretch Optical Coherence Tomography with Data Compression. IEEE Photonics Journal, 2017, 9, 1-15.	2.0	22
6	No Bot Expects the DeepCAPTCHA! Introducing Immutable Adversarial Examples, With Applications to CAPTCHA Generation. IEEE Transactions on Information Forensics and Security, 2017, 12, 2640-2653.	6.9	127
7	Deep convolutional neural networks for Raman spectrum recognition: a unified solution. Analyst, The, 2017, 142, 4067-4074.	3.5	300
8	GenFace: Improving Cyber Security Using Realistic Synthetic Face Generation. Lecture Notes in Computer Science, 2017, , 19-33.	1.3	4
9	Holistic Facial Composite Creation and Subsequent Video Line-up Eyewitness Identification Paradigm. Journal of Visualized Experiments, 2015, , e53298.	0.3	1
10	The Positive Influence of Creating a Holistic Facial Composite on Video Line‐up Identification. Applied Cognitive Psychology, 2014, 28, 634-639.	1.6	10
11	Application of Raman spectroscopy for the differentiation of lipstick traces. Analytical Methods, 2013, 5, 5392.	2.7	28
12	Interactive evolutionary generation of facial composites for locating suspects in criminal investigations. Applied Soft Computing Journal, 2013, 13, 3298-3306.	7.2	13
13	Prototyping Perceptions of Health for Inclusion in Facial Composite Systems. , 2010, , .		0
14	A Comparison of Individual and Morphed Facial Composites Created Using Different Systems. , 2010, , .		6
15	New methodology in facial composite construction: from theory to practice. International Journal of Electronic Security and Digital Forensics, 2009, 2, 156.	0.2	32
16	Nonlinear, near photo-realistic caricatures using a parametric facial appearance model. Behavior Research Methods, 2005, 37, 170-181.	4.0	4