

Sharath Chandra Guntuku

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3798176/publications.pdf>

Version: 2024-02-01

48
papers

1,820
citations

361045

20
h-index

344852

36
g-index

56
all docs

56
docs citations

56
times ranked

1828
citing authors

#	ARTICLE	IF	CITATIONS
1	Detecting depression and mental illness on social media: an integrative review. <i>Current Opinion in Behavioral Sciences</i> , 2017, 18, 43-49.	2.0	391
2	Big Data Analytics framework for Peer-to-Peer Botnet detection using Random Forests. <i>Information Sciences</i> , 2014, 278, 488-497.	4.0	209
3	Tracking Mental Health and Symptom Mentions on Twitter During COVID-19. <i>Journal of General Internal Medicine</i> , 2020, 35, 2798-2800.	1.3	92
4	The emotional and mental health impact of the murder of George Floyd on the US population. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	85
5	Public Priorities and Concerns Regarding COVID-19 in an Online Discussion Forum: Longitudinal Topic Modeling. <i>Journal of General Internal Medicine</i> , 2020, 35, 2244-2247.	1.3	70
6	Studying expressions of loneliness in individuals using twitter: an observational study. <i>BMJ Open</i> , 2019, 9, e030355.	0.8	64
7	Evaluating the predictability of medical conditions from social media posts. <i>PLoS ONE</i> , 2019, 14, e0215476.	1.1	63
8	Characterizing COVID-19 Content Posted to TikTok: Public Sentiment and Response During the First Phase of the COVID-19 Pandemic. <i>Journal of Adolescent Health</i> , 2021, 69, 234-241.	1.2	56
9	Language of ADHD in Adults on Social Media. <i>Journal of Attention Disorders</i> , 2019, 23, 1475-1485.	1.5	54
10	Optimisation of turning parameters by integrating genetic algorithm with support vector regression and artificial neural networks. <i>International Journal of Advanced Manufacturing Technology</i> , 2015, 77, 331-339.	1.5	45
11	Patients' willingness to share digital health and non-health data for research: a cross-sectional study. <i>BMC Medical Informatics and Decision Making</i> , 2019, 19, 157.	1.5	44
12	A Highly Efficient Blind Image Quality Assessment Metric of 3-D Synthesized Images Using Outlier Detection. <i>IEEE Transactions on Industrial Informatics</i> , 2019, 15, 4120-4128.	7.2	41
13	Twitter discourse reveals geographical and temporal variation in concerns about COVID-19 vaccines in the United States. <i>Vaccine</i> , 2021, 39, 4034-4038.	1.7	41
14	Studying Personality through the Content of Posted and Liked Images on Twitter. , 2017, , .		36
15	Do Personality and Culture Influence Perceived Video Quality and Enjoyment?. <i>IEEE Transactions on Multimedia</i> , 2016, 18, 1796-1807.	5.2	34
16	Do Others Perceive You As You Want Them To?. , 2015, , .		31
17	How Health Care Workers Wield Influence Through Twitter Hashtags: Retrospective Cross-sectional Study of the Gun Violence and COVID-19 Public Health Crises. <i>JMIR Public Health and Surveillance</i> , 2021, 7, e24562.	1.2	31
18	Detecting Covid-19 and Community Acquired Pneumonia Using Chest CT Scan Images With Deep Learning. , 2021, , .		29

#	ARTICLE	IF	CITATIONS
19	Personality Modeling Based Image Recommendation. Lecture Notes in Computer Science, 2015, , 171-182.	1.0	28
20	B-SHOT: a binary 3D feature descriptor for fast Keypoint matching on 3D point clouds. Autonomous Robots, 2017, 41, 1501-1520.	3.2	27
21	Measuring Individual Video QoE. ACM Transactions on Multimedia Computing, Communications and Applications, 2018, 14, 1-24.	3.0	27
22	“Who Likes What and, Why?” Insights into Modeling Users’ Personality Based on Image “Likes”. IEEE Transactions on Affective Computing, 2018, 9, 130-143.	5.7	26
23	Cross-platform and cross-interaction study of user personality based on images on Twitter and Flickr. PLoS ONE, 2018, 13, e0198660.	1.1	25
24	Modelling Human Factors in Perceptual Multimedia Quality. , 2015, , .		24
25	Maximum a Posterior and Perceptually Motivated Reconstruction Algorithm: A Generic Framework. IEEE Transactions on Multimedia, 2017, 19, 93-106.	5.2	24
26	Modelling the influence of personality and culture on affect and enjoyment in multimedia. , 2015, , .		23
27	Understanding Weekly COVID-19 Concerns through Dynamic Content-Specific LDA Topic Modeling. , 2020, 2020, 193-198.		21
28	Variability in Language used on Social Media prior to Hospital Visits. Scientific Reports, 2020, 10, 4346.	1.6	20
29	Just Noticeable Difference for natural images using RMS contrast and feed-back mechanism. Neurocomputing, 2018, 275, 366-376.	3.5	18
30	Predicting Cardiovascular Risk Using Social Media Data: Performance Evaluation of Machine-Learning Models. JMIR Cardio, 2021, 5, e24473.	0.7	18
31	The CP-QAE-I: A video dataset for exploring the effect of personality and culture on perceived quality and affect in multimedia. , 2015, , .		14
32	Partisan Differences in Twitter Language Among US Legislators During the COVID-19 Pandemic: Cross-sectional Study. Journal of Medical Internet Research, 2021, 23, e27300.	2.1	13
33	Perceptual Quality Evaluation of Hazy Natural Images. IEEE Transactions on Industrial Informatics, 2021, 17, 8046-8056.	7.2	12
34	Understanding Deep Representations Learned in Modeling Users Likes. IEEE Transactions on Image Processing, 2016, 25, 3762-3774.	6.0	11
35	The role of digital health technologies in COVID-19 surveillance and recovery: a specific case of long haulers. International Review of Psychiatry, 2021, 33, 412-423.	1.4	11
36	The rural-urban stress divide: Obtaining geographical insights through Twitter. Computers in Human Behavior, 2021, 114, 106544.	5.1	10

#	ARTICLE	IF	CITATIONS
37	Personalizing User Interfaces for improving quality of experience in VoD recommender systems. , 2016, , .		8
38	Social media language of healthcare super-utilizers. Npj Digital Medicine, 2021, 4, 55.	5.7	7
39	Nonintrusive Perceptual Audio Quality Assessment for User-Generated Content Using Deep Learning. IEEE Transactions on Industrial Informatics, 2022, 18, 7780-7789.	7.2	7
40	Examining the Phenomenon of Quarter-Life Crisis Through Artificial Intelligence and the Language of Twitter. Frontiers in Psychology, 2020, 11, 341.	1.1	6
41	Patient Experience and Satisfaction in Online Reviews of Obstetric Care: Observational Study. JMIR Formative Research, 2022, 6, e28379.	0.7	4
42	Improving Mood Through Community Connection and Resources Using an Interactive Digital Platform: Development and Usability Study. JMIR Mental Health, 2021, 8, e25834.	1.7	3
43	Controlling Human Perception of Basic User Traits. , 2017, , .		3
44	Deep Representations to Model User "Likes"™. Lecture Notes in Computer Science, 2015, , 3-18.	1.0	3
45	Observation model based perceptually motivated bilateral filter for image reconstruction. , 2015, , .		2
46	Evaluating visual and textual features for predicting user "likes", , 2015, , .		2
47	Studying social media language changes associated with pregnancy status, trimester, and parity from medical records. Women's Health, 2020, 16, 174550652094939.	0.7	2
48	Localizing Features with Masking for Satellite and Debris Classification. , 2021, , .		2