

# 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

361413  
20  
h-index

345221  
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. Current Opinion in Behavioral Sciences, 2017, 18, 43-49.	3.9	391
2	Big Data Analytics framework for Peer-to-Peer Botnet detection using Random Forests. Information Sciences, 2014, 278, 488-497.	6.9	209
3	Tracking Mental Health and Symptom Mentions on Twitter During COVID-19. Journal of General Internal Medicine, 2020, 35, 2798-2800.	2.6	92
4	The emotional and mental health impact of the murder of George Floyd on the US population. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	85
5	Public Priorities and Concerns Regarding COVID-19 in an Online Discussion Forum: Longitudinal Topic Modeling. Journal of General Internal Medicine, 2020, 35, 2244-2247.	2.6	70
6	Studying expressions of loneliness in individuals using twitter: an observational study. BMJ Open, 2019, 9, e030355.	1.9	64
7	Evaluating the predictability of medical conditions from social media posts. PLoS ONE, 2019, 14, e0215476.	2.5	63
8	Characterizing COVID-19 Content Posted to TikTok: Public Sentiment and Response During the First Phase of the COVID-19 Pandemic. Journal of Adolescent Health, 2021, 69, 234-241.	2.5	56
9	Language of ADHD in Adults on Social Media. Journal of Attention Disorders, 2019, 23, 1475-1485.	2.6	54
10	Optimisation of turning parameters by integrating genetic algorithm with support vector regression and artificial neural networks. International Journal of Advanced Manufacturing Technology, 2015, 77, 331-339.	3.0	45
11	Patients's willingness to share digital health and non-health data for research: a cross-sectional study. BMC Medical Informatics and Decision Making, 2019, 19, 157.	3.0	44
12	A Highly Efficient Blind Image Quality Assessment Metric of 3-D Synthesized Images Using Outlier Detection. IEEE Transactions on Industrial Informatics, 2019, 15, 4120-4128.	11.3	41
13	Twitter discourse reveals geographical and temporal variation in concerns about COVID-19 vaccines in the United States. Vaccine, 2021, 39, 4034-4038.	3.8	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?. IEEE Transactions on Multimedia, 2016, 18, 1796-1807.	7.2	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. JMIR Public Health and Surveillance, 2021, 7, e24562.	2.6	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.	1.3	28
20	B-SHOT: a binary 3D feature descriptor for fast Keypoint matching on 3D point clouds. Autonomous Robots, 2017, 41, 1501-1520.	4.8	27
21	Measuring Individual Video QoE. ACM Transactions on Multimedia Computing, Communications and Applications, 2018, 14, 1-24.	4.3	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.	8.3	26
23	Cross-platform and cross-interaction study of user personality based on images on Twitter and Flickr. PLoS ONE, 2018, 13, e0198660.	2.5	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.	7.2	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.	3.3	20
29	Just Noticeable Difference for natural images using RMS contrast and feed-back mechanism. Neurocomputing, 2018, 275, 366-376.	5.9	18
30	Predicting Cardiovascular Risk Using Social Media Data: Performance Evaluation of Machine-Learning Models. JMIR Cardio, 2021, 5, e24473.	1.7	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.	4.3	13
33	Perceptual Quality Evaluation of Hazy Natural Images. IEEE Transactions on Industrial Informatics, 2021, 17, 8046-8056.	11.3	12
34	Understanding Deep Representations Learned in Modeling Users Likes. IEEE Transactions on Image Processing, 2016, 25, 3762-3774.	9.8	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.	2.8	11
36	The rural–urban stress divide: Obtaining geographical insights through Twitter. Computers in Human Behavior, 2021, 114, 106544.	8.5	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.	10.9	7
39	Nonintrusive Perceptual Audio Quality Assessment for User-Generated Content Using Deep Learning. IEEE Transactions on Industrial Informatics, 2022, 18, 7780-7789.	11.3	7
40	Examining the Phenomenon of Quarter-Life Crisis Through Artificial Intelligence and the Language of Twitter. Frontiers in Psychology, 2020, 11, 341.	2.1	6
41	Patient Experience and Satisfaction in Online Reviews of Obstetric Care: Observational Study. JMIR Formative Research, 2022, 6, e28379.	1.4	4
42	Improving Mood Through Community Connection and Resources Using an Interactive Digital Platform: Development and Usability Study. JMIR Mental Health, 2021, 8, e25834.	3.3	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.	1.3	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.	1.5	2
48	Localizing Features with Masking for Satellite and Debris Classification. , 2021, , .		2