

# Renu Balyan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7847753/publications.pdf>

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16  
papers

156  
citations

1163065

8  
h-index

1199563

12  
g-index

18  
all docs

18  
docs citations

18  
times ranked

136  
citing authors

#	ARTICLE	IF	CITATIONS
1	Applying Natural Language Processing and Hierarchical Machine Learning Approaches to Text Difficulty Classification. International Journal of Artificial Intelligence in Education, 2020, 30, 337-370.	5.5	27
2	Using natural language processing and machine learning to classify health literacy from secure messages: The ECLIPPSE study. PLoS ONE, 2019, 14, e0212488.	2.5	23
3	Precision communication: Physicians’s linguistic adaptation to patients’s health literacy. Science Advances, 2021, 7, eabj2836.	10.3	16
4	Developing and Testing Automatic Models of Patient Communicative Health Literacy Using Linguistic Features: Findings from the ECLIPPSE study. Health Communication, 2021, 36, 1018-1028.	3.1	14
5	Predicting Question Quality Using Recurrent Neural Networks. Lecture Notes in Computer Science, 2018, , 491-502.	1.3	11
6	Predicting the readability of physicians’s secure messages to improve health communication using novel linguistic features: Findings from the ECLIPPSE study. Journal of Communication in Healthcare, 2020, 13, 344-356.	1.5	11
7	Employing computational linguistics techniques to identify limited patient health literacy: Findings from the ECLIPPSE study. Health Services Research, 2021, 56, 132-144.	2.0	10
8	Translating noun compounds using semantic relations. Computer Speech and Language, 2015, 32, 91-108.	4.3	9
9	Bring It on! Challenges Encountered While Building a Comprehensive Tutoring System Using ReaderBench. Lecture Notes in Computer Science, 2018, , 409-419.	1.3	9
10	Scoring Summaries Using Recurrent Neural Networks. Lecture Notes in Computer Science, 2018, , 191-201.	1.3	9
11	Challenges and solutions to employing natural language processing and machine learning to measure patients’s health literacy and physician writing complexity: The ECLIPPSE study. Journal of Biomedical Informatics, 2021, 113, 103658.	4.3	5
12	NLP. , 2018, , 224-236.		4
13	Factor-based evaluation for English to Hindi MT outputs. Language Resources and Evaluation, 2018, 52, 969-996.	2.7	3
14	iSTART-Early: Interactive Strategy Training for Early Readers. Lecture Notes in Computer Science, 2022, , 371-379.	1.3	3
15	Validity of a Computational Linguistics-Derived Automated Health Literacy Measure Across Race/Ethnicity: Findings from The ECLIPPSE Project. Journal of Health Care for the Poor and Underserved, 2021, 32, 347-365.	0.8	1
16	A Diagnostic Evaluation Approach for English to Hindi MT Using Linguistic Checkpoints and Error Rates. Lecture Notes in Computer Science, 2013, , 285-296.	1.3	1