

# Sheng Yu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5433245/publications.pdf>

Version: 2024-02-01

30  
papers

1,330  
citations

430874

18  
h-index

454955

30  
g-index

34  
all docs

34  
docs citations

34  
times ranked

2030  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Natural Language Processing Technologies in Radiology Research and Clinical Applications. Radiographics, 2016, 36, 176-191.  | 3.3  | 161       |
| 2  | Toward high-throughput phenotyping: unbiased automated feature extraction and selection from knowledge sources. Journal of the American Medical Informatics Association: JAMIA, 2015, 22, 993-1000.                                  | 4.4  | 140       |
| 3  | Association of intracranial aneurysm rupture with smoking duration, intensity, and cessation. Neurology, 2017, 89, 1408-1415.  | 1.1  | 96        |
| 4  | High-throughput phenotyping with electronic medical record data using a common semi-supervised approach (PheCAP). Nature Protocols, 2019, 14, 3426-3444.   | 12.0 | 94        |
| 5  | Large-scale identification of patients with cerebral aneurysms using natural language processing. Neurology, 2017, 88, 164-168.  | 1.1  | 91        |
| 6  | Enabling phenotypic big data with PheNorm. Journal of the American Medical Informatics Association: JAMIA, 2018, 25, 54-60.  | 4.4  | 82        |
| 7  | High-throughput multimodal automated phenotyping (MAP) with application to PheWAS. Journal of the American Medical Informatics Association: JAMIA, 2019, 26, 1255-1262.  | 4.4  | 69        |
| 8  | Surrogate-assisted feature extraction for high-throughput phenotyping. Journal of the American Medical Informatics Association: JAMIA, 2017, 24, e143-e149.  | 4.4  | 68        |
| 9  | High Throughput Phenotyping for Dimensional Psychopathology in Electronic Health Records. Biological Psychiatry, 2018, 83, 997-1004.   | 1.3  | 56        |
| 10 | Lipid-Lowering Agents and High HDL (High-Density Lipoprotein) Are Inversely Associated With Intracranial Aneurysm Rupture. Stroke, 2018, 49, 1148-1154.  | 2.0  | 53        |
| 11 | Association between aspirin dose and subarachnoid hemorrhage from saccular aneurysms. Neurology, 2018, 91, e1175-e1181.  | 1.1  | 50        |
| 12 | Morphological Variables Associated With Ruptured Middle Cerebral Artery Aneurysms. Neurosurgery, 2019, 85, 75-83.  | 1.1  | 37        |
| 13 | Identification of subjects with polycystic ovary syndrome using electronic health records. Reproductive Biology and Endocrinology, 2015, 13, 116.  | 3.3  | 36        |
| 14 | Alcohol Consumption and Aneurysmal Subarachnoid Hemorrhage. Translational Stroke Research, 2018, 9, 13-19.   | 4.2  | 36        |
| 15 | CODER: Knowledge-infused cross-lingual medical term embedding for term normalization. Journal of Biomedical Informatics, 2022, 126, 103983.  | 4.3  | 33        |
| 16 | Classification of CT pulmonary angiography reports by presence, chronicity, and location of pulmonary embolism with natural language processing. Journal of Biomedical Informatics, 2014, 52, 386-393.                               | 4.3  | 32        |
| 17 | Can natural language processing help differentiate inflammatory intestinal diseases in China? Models applying random forest and convolutional neural network approaches. BMC Medical Informatics and Decision Making, 2020, 20, 248. | 3.0  | 27        |
| 18 | Automated Feature Selection of Predictors in Electronic Medical Records Data. Biometrics, 2019, 75, 268-277.   | 1.4  | 26        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Unsupervised multi-granular Chinese word segmentation and term discovery via graph partition. Journal of Biomedical Informatics, 2020, 110, 103542.                      | 4.3 | 21        |
| 20 | Feature extraction for phenotyping from semantic and knowledge resources. Journal of Biomedical Informatics, 2019, 91, 103122.   | 4.3 | 20        |
| 21 | Automated ICD coding via unsupervised knowledge integration (UNITE). International Journal of Medical Informatics, 2020, 139, 104135.                                    | 3.3 | 17        |
| 22 | Antihyperglycemic Agents Are Inversely Associated With Intracranial Aneurysm Rupture. Stroke, 2018, 49, 34-39.   | 2.0 | 14        |
| 23 | Optimal stratification in outcome prediction using baseline information. Biometrika, 2016, 103, 817-828.   | 2.4 | 11        |
| 24 | Heroin Use Is Associated with Ruptured Saccular Aneurysms. Translational Stroke Research, 2018, 9, 340-346.  | 4.2 | 9         |
| 25 | Low Serum Calcium and Magnesium Levels and Rupture of Intracranial Aneurysms. Stroke, 2018, 49, 1747-1750.   | 2.0 | 9         |
| 26 | Elevated International Normalized Ratio Is Associated With Ruptured Aneurysms. Stroke, 2018, 49, 2046-2052.  | 2.0 | 8         |
| 27 | Decreased Total Iron Binding Capacity May Correlate with Ruptured Intracranial Aneurysms. Scientific Reports, 2019, 9, 6054.   | 3.3 | 6         |
| 28 | Age and morphology of posterior communicating artery aneurysms. Scientific Reports, 2020, 10, 11545.   | 3.3 | 6         |
| 29 | Long-distance disorder-disorder relation extraction with bootstrapped noisy data. Journal of Biomedical Informatics, 2020, 109, 103529.                                  | 4.3 | 2         |
| 30 | Developing an automated mechanism to identify medical articles from wikipedia for knowledge extraction. International Journal of Medical Informatics, 2020, 141, 104234. | 3.3 | 1         |