

# Antoine Neuraz

## List of Publications by Year in descending order

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Version: 2024-02-01

53  
papers

1,462  
citations

471061

17  
h-index

395343

33  
g-index

79  
all docs

79  
docs citations

79  
times ranked

2025  
citing authors

#	ARTICLE	IF	CITATIONS
1	Patient Mortality Is Associated With Staff Resources and Workload in the ICU. <i>Critical Care Medicine</i> , 2015, 43, 1587-1594.	0.4	226
2	Association between antidepressant use and reduced risk of intubation or death in hospitalized patients with COVID-19: results from an observational study. <i>Molecular Psychiatry</i> , 2021, 26, 5199-5212.	4.1	183
3	A clinician friendly data warehouse oriented toward narrative reports: Dr. Warehouse. <i>Journal of Biomedical Informatics</i> , 2018, 80, 52-63.	2.5	89
4	What Every Reader Should Know About Studies Using Electronic Health Record Data but May Be Afraid to Ask. <i>Journal of Medical Internet Research</i> , 2021, 23, e22219.	2.1	61
5	Association Between FIASMAs and Reduced Risk of Intubation or Death in Individuals Hospitalized for Severe COVID-19: An Observational Multicenter Study. <i>Clinical Pharmacology and Therapeutics</i> , 2021, 110, 1498-1511.	2.3	59
6	Natural Language Processing for Rapid Response to Emergent Diseases: Case Study of Calcium Channel Blockers and Hypertension in the COVID-19 Pandemic. <i>Journal of Medical Internet Research</i> , 2020, 22, e20773.	2.1	55
7	Phenome-Wide Association Studies on a Quantitative Trait: Application to TPMT Enzyme Activity and Thiopurine Therapy in Pharmacogenomics. <i>PLoS Computational Biology</i> , 2013, 9, e1003405.	1.5	50
8	Diagnosis support systems for rare diseases: a scoping review. <i>Orphanet Journal of Rare Diseases</i> , 2020, 15, 94.	1.2	48
9	Improving a full-text search engine: the importance of negation detection and family history context to identify cases in a biomedical data warehouse. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2017, 24, 607-613.	2.2	40
10	Electronic health records for the diagnosis of rare diseases. <i>Kidney International</i> , 2020, 97, 676-686.	2.6	37
11	Observational study of haloperidol in hospitalized patients with COVID-19. <i>PLoS ONE</i> , 2021, 16, e0247122.	1.1	35
12	Observational Study of Chlorpromazine in Hospitalized Patients with COVID-19. <i>Clinical Drug Investigation</i> , 2021, 41, 221-233.	1.1	33
13	International Analysis of Electronic Health Records of Children and Youth Hospitalized With COVID-19 Infection in 6 Countries. <i>JAMA Network Open</i> , 2021, 4, e2112596.	2.8	33
14	Finding patients using similarity measures in a rare diseases-oriented clinical data warehouse: Dr. Warehouse and the needle in the needle stack. <i>Journal of Biomedical Informatics</i> , 2017, 73, 51-61.	2.5	31
15	Dexamethasone use and mortality in hospitalized patients with coronavirus disease 2019: A multicentre retrospective observational study. <i>British Journal of Clinical Pharmacology</i> , 2021, 87, 3766-3775.	1.1	30
16	Next generation phenotyping using narrative reports in a rare disease clinical data warehouse. <i>Orphanet Journal of Rare Diseases</i> , 2018, 13, 85.	1.2	27
17	Association between FIASMA psychotropic medications and reduced risk of intubation or death in individuals with psychiatric disorders hospitalized for severe COVID-19: an observational multicenter study. <i>Translational Psychiatry</i> , 2022, 12, 90.	2.4	23
18	Inherited and Acquired Decrease in Complement Receptor 1 (CR1) Density on Red Blood Cells Associated with High Levels of Soluble CR1 in Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2175.	1.8	22

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19	International Changes in COVID-19 Clinical Trajectories Across 315 Hospitals and 6 Countries: Retrospective Cohort Study. <i>Journal of Medical Internet Research</i> , 2021, 23, e31400.	2.1	19
20	Phenotypic similarity for rare disease: Ciliopathy diagnoses and subtyping. <i>Journal of Biomedical Informatics</i> , 2019, 100, 103308.	2.5	17
21	Hybrid Deep Learning for Medication-Related Information Extraction From Clinical Texts in French: MedExt Algorithm Development Study. <i>JMIR Medical Informatics</i> , 2021, 9, e17934.	1.3	17
22	Improving early diagnosis of rare diseases using Natural Language Processing in unstructured medical records: an illustration from Dravet syndrome. <i>Orphanet Journal of Rare Diseases</i> , 2021, 16, 309.	1.2	17
23	Can reproducibility be improved in clinical natural language processing? A study of 7 clinical NLP suites. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2021, 28, 504-515.	2.2	17
24	International electronic health record-derived post-acute sequelae profiles of COVID-19 patients. <i>Npj Digital Medicine</i> , 2022, 5, .	5.7	17
25	Safety and cost effectiveness of supervised ambulatory drug provocation tests in children with mild nonâ€œimmediate reactions to betaâ€œlactams. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019, 74, 2482-2484.	2.7	14
26	Detection of Drugâ€œDrug Interactions Inducing Acute Kidney Injury by Electronic Health Records Mining. <i>Drug Safety</i> , 2015, 38, 799-809.	1.4	13
27	Association of Antihypertensive Agents with the Risk of In-Hospital Death in Patients with Covid-19. <i>Cardiovascular Drugs and Therapy</i> , 2022, 36, 483-488.	1.3	13
28	Risk of Death in Individuals Hospitalized for COVID-19 With and Without Psychiatric Disorders: An Observational Multicenter Study in France. <i>Biological Psychiatry Global Open Science</i> , 2023, 3, 56-67.	1.0	12
29	Association of blood bicarbonate and pH with mineral metabolism disturbance and outcome after kidney transplantation. <i>American Journal of Transplantation</i> , 2020, 20, 1063-1075.	2.6	11
30	Criteria for the Regression of Pediatric Mastocytosis: A Long-Term Follow-Up. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2021, 9, 1695-1704.e5.	2.0	10
31	A Comprehensive Analysis of Immune Constituents in Blood and Bronchoalveolar Lavage Allows Identification of an Immune Signature of Severe Asthma in Children. <i>Frontiers in Immunology</i> , 2021, 12, 700521.	2.2	10
32	Multinational characterization of neurological phenotypes in patients hospitalized with COVID-19. <i>Scientific Reports</i> , 2021, 11, 20238.	1.6	10
33	Parents' views on artificial intelligence for the daily management of childhood asthma: a survey. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2021, 9, 1728-1730.e3.	2.0	9
34	Hydroxyzine Use and Mortality in Patients Hospitalized for COVID-19: A Multicenter Observational Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 5891.	1.0	9
35	Lessons Learned from the Usability Evaluation of a Simulated Patient Dialogue System. <i>Journal of Medical Systems</i> , 2021, 45, 69.	2.2	8
36	International comparisons of laboratory values from the 4CE collaborative to predict COVID-19 mortality. <i>Npj Digital Medicine</i> , 2022, 5, .	5.7	7

#	ARTICLE	IF	CITATIONS
37	Osmoregulation Performance and Kidney Transplant Outcome. Journal of the American Society of Nephrology: JASN, 2019, 30, 1282-1293.	3.0	6
38	What can millions of laboratory test results tell us about the temporal aspect of data quality? Study of data spanning 17 years in a clinical data warehouse. Computer Methods and Programs in Biomedicine, 2019, 181, 104825.	2.6	6
39	Do You Need Embeddings Trained on a Massive Specialized Corpus for Your Clinical Natural Language Processing Task?. Studies in Health Technology and Informatics, 2019, 264, 1558-1559.	0.2	6
40	Letter: severe COVID-19 infection and biologic therapies—a cohort study of 7 808 patients in France. Alimentary Pharmacology and Therapeutics, 2020, 52, 1245-1248.	1.9	5
41	Acute graft-versus-host disease, invasive aspergillosis and Clostridium difficile colitis after peripheral blood stem cell transplantation: A complex network of causalities and a challenge for prevention. Anaerobe, 2015, 33, 98-100.	1.0	4
42	What is best for spoken language understanding: small but task-dependant embeddings or huge but out-of-domain embeddings?. , 2020, , .		4
43	Immune signatures distinguish frequent from non-frequent exacerbators among children with severe asthma. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 2261-2264.	2.7	4
44	The Impact of Specialized Corpora for Word Embeddings in Natural Language Understanding. Studies in Health Technology and Informatics, 2020, 270, 432-436.	0.2	3
45	The economic burden of allergic comorbidities in pediatric severe asthma. Pediatric Allergy and Immunology, 2021, 32, 1559-1565.	1.1	2
46	Determining the Set of Items to Include in Breast Operative Reports, Using Clustering Algorithms on Retrospective Data Extracted from Clinical Data Warehouse. Studies in Health Technology and Informatics, 2022, , .	0.2	2
47	The authors reply. Critical Care Medicine, 2016, 44, e109.	0.4	1
48	The Epidemiology of Patients' Email Addresses in a French University Hospital: Case-Control Study. Journal of Medical Internet Research, 2021, 23, e13992.	2.1	1
49	Mining Electronic Health Records for Drugs Associated With 28-day Mortality in COVID-19: Pharmacopoeia-wide Association Study (PharmWAS). JMIR Medical Informatics, 2022, 10, e35190.	1.3	1
50	Evaluating the Impact of Text Duplications on a Corpus of More than 600,000 Clinical Narratives in a French Hospital. Studies in Health Technology and Informatics, 2019, 264, 103-107.	0.2	1
51	Healthcare trajectory of children with rare bone disease attending pediatric emergency departments. Orphanet Journal of Rare Diseases, 2020, 15, 2.	1.2	0
52	Postnatal Diagnostic Workup in Children With Arthrogyrosis: A Series of 82 Patients. Journal of Child Neurology, 2021, 36, 088307382110229.	0.7	0
53	Optimization of a Sequential Decision Making Problem for a Rare Disease Diagnostic Application. , 2020, , .		0