

Ieuan Clay

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

2,316
citations

361413

20
h-index

377865

34
g-index

50
all docs

50
docs citations

50
times ranked

4891
citing authors

#	ARTICLE	IF	CITATIONS
1	GDF11 Increases with Age and Inhibits Skeletal Muscle Regeneration. <i>Cell Metabolism</i> , 2015, 22, 164-174.	16.2	439
2	YAP1 Exerts Its Transcriptional Control via TEAD-Mediated Activation of Enhancers. <i>PLoS Genetics</i> , 2015, 11, e1005465.	3.5	296
3	Calcium-activated chloride channel ANO1 promotes breast cancer progression by activating EGFR and CAMK signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E1026-34.	7.1	265
4	A Long Non-coding RNA, LncMyoD, Regulates Skeletal Muscle Differentiation by Blocking IMP2-Mediated mRNA Translation. <i>Developmental Cell</i> , 2015, 34, 181-191.	7.0	248
5	The transcriptional interactome: gene expression in 3D. <i>Current Opinion in Genetics and Development</i> , 2010, 20, 127-133.	3.3	153
6	R-Spondin Potentiates Wnt/ β 2-Catenin Signaling through Orphan Receptors LGR4 and LGR5. <i>PLoS ONE</i> , 2012, 7, e40976.	2.5	153
7	G Protein-coupled pH-sensing Receptor OGR1 Is a Regulator of Intestinal Inflammation. <i>Inflammatory Bowel Diseases</i> , 2015, 21, 1.	1.9	63
8	Imatinib Attenuates Hypoxia-induced Pulmonary Arterial Hypertension Pathology via Reduction in 5-Hydroxytryptamine through Inhibition of Tryptophan Hydroxylase 1 Expression. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 187, 78-89.	5.6	58
9	Protein Complex Interactor Analysis and Differential Activity of KDM3 Subfamily Members Towards H3K9 Methylation. <i>PLoS ONE</i> , 2013, 8, e60549.	2.5	58
10	Advancing digital health applications: priorities for innovation in real-world evidence generation. <i>The Lancet Digital Health</i> , 2022, 4, e200-e206.	12.3	57
11	Multidimensional pooled shRNA screens in human THP-1 cells identify candidate modulators of macrophage polarization. <i>PLoS ONE</i> , 2017, 12, e0183679.	2.5	52
12	Characterizing COVID-19 and Influenza Illnesses in the Real World via Person-Generated Health Data. <i>Patterns</i> , 2021, 2, 100188.	5.9	52
13	Transcription Factories and Nuclear Organization of the Genome. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2010, 75, 501-506.	1.1	44
14	Continuous Digital Monitoring of Walking Speed in Frail Elderly Patients: Noninterventional Validation Study and Longitudinal Clinical Trial. <i>JMIR MHealth and UHealth</i> , 2019, 7, e15191.	3.7	39
15	Assessment of Fatigue Using Wearable Sensors: A Pilot Study. <i>Digital Biomarkers</i> , 2021, 4, 59-72.	4.4	38
16	Nuclear RNA Sequencing of the Mouse Erythroid Cell Transcriptome. <i>PLoS ONE</i> , 2012, 7, e49274.	2.5	35
17	The pH-sensing receptor OGR1 improves barrier function of epithelial cells and inhibits migration in an acidic environment. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 309, G475-G490.	3.4	33
18	Evaluation, Acceptance, and Qualification of Digital Measures: From Proof of Concept to Endpoint. <i>Digital Biomarkers</i> , 2021, 5, 53-64.	4.4	33

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19	Validity of accelerometry in step detection and gait speed measurement in orthogeriatric patients. PLoS ONE, 2019, 14, e0221732.	2.5	26
20	Physical Activity Monitoring in Patients with Neurological Disorders: A Review of Novel Body-Worn Devices. Digital Biomarkers, 2017, 1, 14-42.	4.4	25
21	Impact of Digital Technologies on Novel Endpoint Capture in Clinical Trials. Clinical Pharmacology and Therapeutics, 2017, 102, 912-913.	4.7	20
22	Remote Digital Monitoring for Medical Product Development. Clinical and Translational Science, 2021, 14, 94-101.	3.1	14
23	Continuous Monitoring of Patient Mobility for 18 Months Using Inertial Sensors following Traumatic Knee Injury: A Case Study. Digital Biomarkers, 2018, 2, 79-89.	4.4	13
24	Predicting Subjective Recovery from Lower Limb Surgery Using Consumer Wearables. Digital Biomarkers, 2021, 4, 73-86.	4.4	13
25	The Path Forward for Digital Measures: Suppressing the Desire to Compare Apples and Pineapples. Digital Biomarkers, 2021, 4, 3-12.	4.4	12
26	Prediction of self-reported depression scores using person-generated health data from a virtual 1-year mental health observational study. , 2021, , .		9
27	Robust Step Detection from Different Waist-Worn Sensor Positions: Implications for Clinical Studies. Digital Biomarkers, 2021, 4, 50-58.	4.4	9
28	Sensor Data Integration: A New Cross-Industry Collaboration to Articulate Value, Define Needs, and Advance a Framework for Best Practices. Journal of Medical Internet Research, 2021, 23, e34493.	4.3	9
29	Predicting Changes in Depression Severity Using the PSYCHE-D (Prediction of Severity) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 Observational Study. JMIR MHealth and UHealth, 2022, 10, e34148.	3.7	8
30	The Future of Digital Health. Digital Biomarkers, 2021, 4, 1-2.	4.4	6
31	Towards fully instrumented and automated assessment of motor function tests. , 2018, , .		4
32	Prediction of Patient-Reported Physical Activity Scores from Wearable Accelerometer Data: A Feasibility Study. Biosystems and Biorobotics, 2019, , 668-672.	0.3	4
33	Abstract LB-205: The calcium activated chloride channel ANO1 promotes breast cancer progression by activating EGFR- and CAMK-signaling.. , 2013, , .		3
34	Measuring Health-Related Quality of Life With Multimodal Data: Viewpoint. Journal of Medical Internet Research, 2022, 24, e35951.	4.3	3
35	Quantifying Functional Difference in Centre of Pressure Post Achilles Tendon Rupture using Sensor Insoles. , 2019, 2019, 3155-3158.		2
36	Psyche-D: Predicting Change in Depression Severity Using Person-Generated Health Data. SSRN Electronic Journal, 0, , .	0.4	2

#	ARTICLE	IF	CITATIONS
37	It takes a village. , 2021, , .		2
38	The Future of Digital Health. Digital Biomarkers, 2020, 4, 1-2.	4.4	2
39	The Future of Digital Health: Meeting Report. Digital Biomarkers, 2021, 5, 74-77.	4.4	1
40	RWD-Cockpit: Application for Quality Assessment of Real-World Data (Preprint). JMIR Formative Research, 2022, , .	1.4	1
41	671 The pH-Sensing Receptor OGR1 (Ovarian Cancer G Protein-Coupled Receptor 1, Gpr68) Improves Barrier Function of CaCo2 Cells and Inhibits Migration in an Acidic Environment. Gastroenterology, 2013, 144, S-122.	1.3	0
42	DigitalROM: Development and validation of a system for assessment of shoulder range of motion. , 2019, 2019, 5498-5501.		0