

Steven J Russell

List of Publications by Year in descending order

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31
papers

2,487
citations

394421

19
h-index

434195

31
g-index

33
all docs

33
docs citations

33
times ranked

1870
citing authors

#	ARTICLE	IF	CITATIONS
1	Outpatient Glycemic Control with a Bionic Pancreas in Type 1 Diabetes. <i>New England Journal of Medicine</i> , 2014, 371, 313-325.	27.0	538
2	A Bihormonal Closed-Loop Artificial Pancreas for Type 1 Diabetes. <i>Science Translational Medicine</i> , 2010, 2, 27ra27.	12.4	355
3	Home use of a bihormonal bionic pancreas versus insulin pump therapy in adults with type 1 diabetes: a multicentre randomised crossover trial. <i>Lancet</i> , The, 2017, 389, 369-380.	13.7	207
4	Outcome Measures for Artificial Pancreas Clinical Trials: A Consensus Report. <i>Diabetes Care</i> , 2016, 39, 1175-1179.	8.6	195
5	Blood Glucose Control in Type 1 Diabetes With a Bihormonal Bionic Endocrine Pancreas. <i>Diabetes Care</i> , 2012, 35, 2148-2155.	8.6	163
6	Day and night glycaemic control with a bionic pancreas versus conventional insulin pump therapy in preadolescent children with type 1 diabetes: a randomised crossover trial. <i>Lancet Diabetes and Endocrinology</i> , the, 2016, 4, 233-243.	11.4	161
7	A Comparative Effectiveness Analysis of Three Continuous Glucose Monitors. <i>Journal of Diabetes Science and Technology</i> , 2014, 8, 699-708.	2.2	117
8	Autonomous and Continuous Adaptation of a Bihormonal Bionic Pancreas in Adults and Adolescents With Type 1 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, 1701-1711.	3.6	103
9	A Comparative Effectiveness Analysis of Three Continuous Glucose Monitors. <i>Diabetes Care</i> , 2013, 36, 251-259.	8.6	100
10	Comparative Accuracy of 17 Point-of-Care Glucose Meters. <i>Journal of Diabetes Science and Technology</i> , 2017, 11, 558-566.	2.2	82
11	Type 1 Diabetes—A Clinical Perspective. <i>Point of Care</i> , 2017, 16, 37-40.	0.4	70
12	A Glycemia Risk Index (GRI) of Hypoglycemia and Hyperglycemia for Continuous Glucose Monitoring Validated by Clinician Ratings. <i>Journal of Diabetes Science and Technology</i> , 2023, 17, 1226-1242.	2.2	69
13	A Three-Way Accuracy Comparison of the Dexcom G5, Abbott Freestyle Libre Pro, and Senseonics Eversense Continuous Glucose Monitoring Devices in a Home-Use Study of Subjects with Type 1 Diabetes. <i>Diabetes Technology and Therapeutics</i> , 2020, 22, 846-852.	4.4	48
14	Performance of the Insulin-Only iLet Bionic Pancreas and the Bihormonal iLet Using Dasiglucagon in Adults With Type 1 Diabetes in a Home-Use Setting. <i>Diabetes Care</i> , 2021, 44, e118-e120.	8.6	40
15	Efficacy Determinants of Subcutaneous Microdose Glucagon during Closed-Loop Control. <i>Journal of Diabetes Science and Technology</i> , 2010, 4, 1288-1304.	2.2	34
16	A Comparison of Time Delay in Three Continuous Glucose Monitors for Adolescents and Adults. <i>Journal of Diabetes Science and Technology</i> , 2017, 11, 1132-1137.	2.2	30
17	Triamcinolone acetonide extended-release in patients with osteoarthritis and type 2 diabetes: a randomized, phase 2 study. <i>Rheumatology</i> , 2018, 57, 2235-2241.	1.9	26
18	New and Emerging Technologies in Type 1 Diabetes. <i>Endocrinology and Metabolism Clinics of North America</i> , 2020, 49, 667-678.	3.2	24

#	ARTICLE	IF	CITATIONS
19	Progress of artificial pancreas devices towards clinical use. <i>Current Opinion in Endocrinology, Diabetes and Obesity</i> , 2015, 22, 106-111.	2.3	22
20	Self-measurement of Blood Glucose and Continuous Glucose Monitoring “Is There Only One Future?”. <i>European Endocrinology</i> , 2018, 14, 24.	1.5	18
21	Automated glycemic control with the bionic pancreas in cystic fibrosis-related diabetes: A pilot study. <i>Journal of Cystic Fibrosis</i> , 2020, 19, 159-161.	0.7	16
22	Design Considerations for Artificial Pancreas Pivotal Studies. <i>Diabetes Care</i> , 2016, 39, 1161-1167.	8.6	13
23	Impact of an Automated Bihormonal Delivery System on Psychosocial Outcomes in Adults with Type 1 Diabetes. <i>Diabetes Technology and Therapeutics</i> , 2017, 19, 723-729.	4.4	13
24	Microsphere based continuous-flow immunoassay in a microfluidic device for determination of clinically relevant insulin levels. <i>Mikrochimica Acta</i> , 2017, 184, 835-841.	5.0	9
25	Improvements in Glycemic Control Achieved by Altering the tmax Setting in the iLet [®] Bionic Pancreas When Using Fast-Acting Insulin Aspart: A Randomized Trial. <i>Diabetes Therapy</i> , 2021, 12, 2019-2033.	2.5	9
26	Task-related fMRI BOLD response to hyperinsulinemia in healthy older adults. <i>JCI Insight</i> , 2019, 4, .	5.0	8
27	Continuous Glucose Monitoring Awaits Its “Killer App”. <i>Journal of Diabetes Science and Technology</i> , 2008, 2, 490-494.	2.2	6
28	Development of a Microsphere-Based System to Facilitate Real-Time Insulin Monitoring. <i>Journal of Diabetes Science and Technology</i> , 2016, 10, 689-696.	2.2	3
29	The Bihormonal Bionic Pancreas Improves Glycemic Control in Individuals With Hyperinsulinism and Postpancreatectomy Diabetes: A Pilot Study. <i>Diabetes Care</i> , 2021, 44, 2582-2585.	8.6	3
30	When you come to a fork in the road, take it!. <i>Lancet Diabetes and Endocrinology</i> , 2015, 3, 2-3.	11.4	2
31	Artificial pancreas research: you can observe a lot by watching. <i>Lancet Diabetes and Endocrinology</i> , 2017, 5, 484-485.	11.4	1