

# Steven Watterson

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

2,313  
citations

471061

17  
h-index

360668

35  
g-index

42  
all docs

42  
docs citations

42  
times ranked

3923  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Need for Standardizing Diagnosis, Treatment and Clinical Care of Cholecystitis and Biliary Colic in Gallbladder Disease. <i>Medicina (Lithuania)</i> , 2022, 58, 388.	0.8	8
2	Deep learning in systems medicine. <i>Briefings in Bioinformatics</i> , 2021, 22, 1543-1559.	3.2	22
3	An Early Stage Researcher's Primer on Systems Medicine Terminology. <i>Network and Systems Medicine</i> , 2021, 4, 2-50.	2.7	9
4	The role of senescence in the pathogenesis of atrial fibrillation: A target process for health improvement and drug development. <i>Ageing Research Reviews</i> , 2021, 69, 101363.	5.0	10
5	The Interdependency and Co-Regulation of the Vitamin D and Cholesterol Metabolism. <i>Cells</i> , 2021, 10, 2007.	1.8	24
6	Anti-tumour necrosis factor-alpha response associated with combined CD226 and HLA-DRB1[*]0404 haplotype in rheumatoid arthritis. <i>Clinical and Experimental Rheumatology</i> , 2021, 39, 385-392.	0.4	1
7	Anti-tumour necrosis factor-alpha response associated with combined CD226 and HLA-DRB1[*]0404 haplotype in rheumatoid arthritis. <i>Clinical and Experimental Rheumatology</i> , 2021, 39, 385-392.	0.4	4
8	Network and Systems Medicine: Position Paper of the European Collaboration on Science and Technology Action on Open Multiscale Systems Medicine. <i>Network and Systems Medicine</i> , 2020, 3, 67-90.	2.7	18
9	Opportunities for multiscale computational modelling of serotonergic drug effects in Alzheimer's disease. <i>Neuropharmacology</i> , 2020, 174, 108118.	2.0	14
10	An exploratory analysis investigating blood protein biomarkers to augment ECG diagnosis of ACS. <i>Journal of Electrocardiology</i> , 2019, 57, S92-S97.	0.4	3
11	<i>Propionibacterium acnes</i> and Acne Vulgaris: New Insights from the Integration of Population Genetic, Multi-Omic, Biochemical and Host-Microbe Studies. <i>Microorganisms</i> , 2019, 7, 128.	1.6	125
12	New models of atherosclerosis and multi-drug therapeutic interventions. <i>Bioinformatics</i> , 2019, 35, 2449-2457.	1.8	17
13	Systems medicine disease maps: community-driven comprehensive representation of disease mechanisms. <i>Npj Systems Biology and Applications</i> , 2018, 4, 21.	1.4	84
14	Coincidence versus consequence: opportunities in multi-morbidity research and inflammation as a pervasive feature. <i>Expert Review of Precision Medicine and Drug Development</i> , 2017, 2, 147-156.	0.4	5
15	In silico patient stratification for atherosclerosis. <i>Atherosclerosis</i> , 2017, 263, e82.	0.4	0
16	Is systems pharmacology ready to impact upon therapy development? A study on the cholesterol biosynthesis pathway. <i>British Journal of Pharmacology</i> , 2017, 174, 4362-4382.	2.7	17
17	Role of tumour necrosis factor alpha converting enzyme (TACE/ADAM17) and associated proteins in coronary artery disease and cardiac events. <i>Archives of Cardiovascular Diseases</i> , 2017, 110, 700-711.	0.7	24
18	Gap widens for honorary PhDs. <i>Nature</i> , 2016, 537, 167-167.	13.7	0

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19	The genetics and screening of familial hypercholesterolaemia. <i>Journal of Biomedical Science</i> , 2016, 23, 39.	2.6	115
20	Computational modelling of atherosclerosis. <i>Briefings in Bioinformatics</i> , 2016, 17, 562-575.	3.2	44
21	An Interferon Regulated MicroRNA Provides Broad Cell-Intrinsic Antiviral Immunity through Multihit Host-Directed Targeting of the Sterol Pathway. <i>PLoS Biology</i> , 2016, 14, e1002364.	2.6	45
22	Rapid proteasomal elimination of 3-hydroxy-3-methylglutaryl-CoA reductase by interferon- $\gamma$ in primary macrophages requires endogenous 25-hydroxycholesterol synthesis. <i>Steroids</i> , 2015, 99, 219-229.	0.8	34
23	The Transcription Factor STAT-1 Couples Macrophage Synthesis of 25-Hydroxycholesterol to the Interferon Antiviral Response. <i>Immunity</i> , 2013, 38, 106-118.	6.6	327
24	A comprehensive machine-readable view of the mammalian cholesterol biosynthesis pathway. <i>Biochemical Pharmacology</i> , 2013, 86, 56-66.	2.0	64
25	A model of flux regulation in the cholesterol biosynthesis pathway: Immune mediated graduated flux reduction versus statin-like led stepped flux reduction. <i>Biochimie</i> , 2013, 95, 613-621.	1.3	32
26	Digital clocks: simple Boolean models can quantitatively describe circadian systems. <i>Journal of the Royal Society Interface</i> , 2012, 9, 2365-2382.	1.5	67
27	Corrigendum for the paper "Digital clocks: simple Boolean models can quantitatively describe circadian systems". <i>Journal of the Royal Society Interface</i> , 2012, 9, 3578-3578.	1.5	0
28	The in silico macrophage: toward a better understanding of inflammatory disease. <i>Genome Medicine</i> , 2011, 3, 4.	3.6	3
29	Regulation and feedback of cholesterol metabolism. <i>Nature Precedings</i> , 2011, , .	0.1	5
30	Host Defense against Viral Infection Involves Interferon Mediated Down-Regulation of Sterol Biosynthesis. <i>PLoS Biology</i> , 2011, 9, e1000598.	2.6	241
31	Translation from the Quantified Implicit Process Flow Abstraction in SBGN-PD Diagrams to Bio-PEPA Illustrated on the Cholesterol Pathway. <i>Lecture Notes in Computer Science</i> , 2011, , 13-38.	1.0	4
32	Construction of a large scale integrated map of macrophage pathogen recognition and effector systems. <i>BMC Systems Biology</i> , 2010, 4, 63.	3.0	35
33	Transcriptional complex assembly represented in SBGN PD. <i>Nature Precedings</i> , 2010, , .	0.1	0
34	Use of logic theory in understanding regulatory pathway signaling in response to infection. <i>Future Microbiology</i> , 2010, 5, 163-176.	1.0	15
35	The Systems Biology Graphical Notation. <i>Nature Biotechnology</i> , 2009, 27, 735-741.	9.4	828
36	Inference of transition probabilities between the attractors in Boolean networks with perturbation. , 2009, , .		1

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37	Logic models of pathway biology. Drug Discovery Today, 2008, 13, 447-456.	3.2	54
38	Inferring Boolean networks with perturbation from sparse gene expression data: a general model applied to the interferon regulatory network. Molecular BioSystems, 2008, 4, 1024.	2.9	5
39	THE CHIRAL AND FLAVOR PROJECTION OF DIRACâ€™S FERMIONS IN THE GEOMETRIC DISCRETIZATION. International Journal of Geometric Methods in Modern Physics, 2008, 05, 345-362.	0.8	3
40	The flavour projection of staggered fermions and the quarter-root trick. Journal of High Energy Physics, 2007, 2007, 048-048.	1.6	0