

# Burtram Clinton Fielding

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3292533/publications.pdf>

Version: 2024-02-01

55  
papers

4,398  
citations

236612

25  
h-index

243296

44  
g-index

60  
all docs

60  
docs citations

60  
times ranked

8003  
citing authors

#	ARTICLE	IF	CITATIONS
1	Coronavirus envelope protein: current knowledge. <i>Virology Journal</i> , 2019, 16, 69.	1.4	1,449
2	The Coronavirus Nucleocapsid Is a Multifunctional Protein. <i>Viruses</i> , 2014, 6, 2991-3018.	1.5	741
3	MERS-CoV: Understanding the Latest Human Coronavirus Threat. <i>Viruses</i> , 2018, 10, 93.	1.5	193
4	Overexpression of 7a, a Protein Specifically Encoded by the Severe Acute Respiratory Syndrome Coronavirus, Induces Apoptosis via a Caspase-Dependent Pathway. <i>Journal of Virology</i> , 2004, 78, 14043-14047.	1.5	189
5	Profiles of Antibody Responses against Severe Acute Respiratory Syndrome Coronavirus Recombinant Proteins and Their Potential Use as Diagnostic Markers. <i>Vaccine Journal</i> , 2004, 11, 362-371.	2.6	163
6	A Novel Severe Acute Respiratory Syndrome Coronavirus Protein, U274, Is Transported to the Cell Surface and Undergoes Endocytosis. <i>Journal of Virology</i> , 2004, 78, 6723-6734.	1.5	149
7	Understanding Human Coronavirus HCoV-NL63–!2009-11-13–!2010-04-09–!2010-05-25–!. <i>The Open Virology Journal</i> , 2010, 4, 76-84.	1.8	137
8	Identification of New Respiratory Viruses in the New Millennium. <i>Viruses</i> , 2015, 7, 996-1019.	1.5	121
9	The Role of Severe Acute Respiratory Syndrome (SARS)-Coronavirus Accessory Proteins in Virus Pathogenesis. <i>Viruses</i> , 2012, 4, 2902-2923.	1.5	120
10	Amino Acids 1055 to 1192 in the S2 Region of Severe Acute Respiratory Syndrome Coronavirus S Protein Induce Neutralizing Antibodies: Implications for the Development of Vaccines and Antiviral Agents. <i>Journal of Virology</i> , 2005, 79, 3289-3296.	1.5	102
11	Monoclonal Antibodies Targeting the HR2 Domain and the Region Immediately Upstream of the HR2 of the S Protein Neutralize In Vitro Infection of Severe Acute Respiratory Syndrome Coronavirus. <i>Journal of Virology</i> , 2006, 80, 941-950.	1.5	99
12	Characterization of a Unique Group-Specific Protein (U122) of the Severe Acute Respiratory Syndrome Coronavirus. <i>Journal of Virology</i> , 2004, 78, 7311-7318.	1.5	67
13	The Severe Acute Respiratory Syndrome Coronavirus 3a Protein Up-Regulates Expression of Fibrinogen in Lung Epithelial Cells. <i>Journal of Virology</i> , 2005, 79, 10083-10087.	1.5	64
14	The nonstructural protein 8 (nsp8) of the SARS coronavirus interacts with its ORF6 accessory protein. <i>Virology</i> , 2007, 366, 293-303.	1.1	61
15	Potential Broad Spectrum Inhibitors of the Coronavirus 3CLpro: A Virtual Screening and Structure-Based Drug Design Study. <i>Viruses</i> , 2015, 7, 6642-6660.	1.5	57
16	Human coronavirus NL63: a clinically important virus?. <i>Future Microbiology</i> , 2011, 6, 153-159.	1.0	55
17	Over-expression of severe acute respiratory syndrome coronavirus 3b protein induces both apoptosis and necrosis in Vero E6 cells. <i>Virus Research</i> , 2006, 122, 20-27.	1.1	52
18	Molecular Detection of Tick-Borne Pathogen Diversities in Ticks from Livestock and Reptiles along the Shores and Adjacent Islands of Lake Victoria and Lake Baringo, Kenya. <i>Frontiers in Veterinary Science</i> , 2017, 4, 73.	0.9	52

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19	Is There a Link Between the Pathogenic Human Coronavirus Envelope Protein and Immunopathology? A Review of the Literature. <i>Frontiers in Microbiology</i> , 2020, 11, 2086.	1.5	50
20	Unraveling Host-Vector-Arbovirus Interactions by Two-Gene High Resolution Melting Mosquito Bloodmeal Analysis in a Kenyan Wildlife-Livestock Interface. <i>PLoS ONE</i> , 2015, 10, e0134375.	1.1	45
21	Severe acute respiratory syndrome coronavirus protein 7a interacts with hSGT. <i>Biochemical and Biophysical Research Communications</i> , 2006, 343, 1201-1208.	1.0	40
22	Alkaloids: Therapeutic Potential against Human Coronaviruses. <i>Molecules</i> , 2020, 25, 5496.	1.7	38
23	Human Coronavirus NL63 Open Reading Frame 3 encodes a virion-incorporated N-glycosylated membrane protein. <i>Virology Journal</i> , 2010, 7, 6.	1.4	35
24	Natural Antioxidants: A Review of Studies on Human and Animal Coronavirus. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-14.	1.9	33
25	ACE2 orthologues in non-mammalian vertebrates (Danio, Gallus, Fugu, Tetraodon and Xenopus). <i>Gene</i> , 2006, 377, 46-55.	1.0	31
26	Practical Considerations in Virtual Screening and Molecular Docking. , 2015, , 487-502.		31
27	Acute toxicity studies of the South African medicinal plant <i>Galenia africana</i> . <i>Toxicology Reports</i> , 2018, 5, 813-818.	1.6	24
28	Identification of SARS-CoV-2 Omicron variant using spike gene target failure and genotyping assays, Gauteng, South Africa, 2021. <i>Journal of Medical Virology</i> , 2022, 94, 3676-3684.	2.5	23
29	A novel cell-based binding assay system reconstituting interaction between SARS-CoV S protein and its cellular receptor. <i>Journal of Virological Methods</i> , 2005, 123, 41-48.	1.0	22
30	Antimicrobial-resistant <i>Klebsiella</i> species isolated from free-range chicken samples in an informal settlement. <i>Archives of Medical Science</i> , 2012, 1, 39-42.	0.4	20
31	Computational drug repurposing strategy predicted peptide-based drugs that can potentially inhibit the interaction of SARS-CoV-2 spike protein with its target (human ACE2). <i>PLoS ONE</i> , 2021, 16, e0245258.	1.1	19
32	Human coronavirus OC43 3CL protease and the potential of ML188 as a broad-spectrum lead compound: Homology modelling and molecular dynamic studies. <i>BMC Structural Biology</i> , 2015, 15, 8.	2.3	14
33	The variable N-terminal region of DDX5 contains structural elements and auto-inhibits its interaction with NS5B of hepatitis C virus. <i>Biochemical Journal</i> , 2012, 446, 37-46.	1.7	13
34	Testing of Eight Medicinal Plant Extracts in Combination with Kresoxim-Methyl for Integrated Control of <i>Botrytis cinerea</i> in Apples. <i>Agriculture (Switzerland)</i> , 2015, 5, 400-411.	1.4	13
35	The characterization and phylogenetic relationship of the <i>Trichoplusia ni</i> single capsid nuclear polyhedrosis virus polyhedrin gene. , 1999, 19, 67-72.		12
36	Functional characterization of the ecdysteroid UDP-glucosyl transferase gene of <i>Helicoverpa armigera</i> single-enveloped nucleopolyhedrovirus isolated in South Africa. <i>Virus Genes</i> , 2003, 27, 17-27.	0.7	8

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37	HIV and Human Coronavirus Coinfections: A Historical Perspective. <i>Viruses</i> , 2020, 12, 937.	1.5	8
38	Genetic lesions within the 3a gene of SARS-CoV. <i>Virology Journal</i> , 2005, 2, 51.	1.4	7
39	Leptin Deficiency, Caused by Malnutrition, Makes You Susceptible to SARS-CoV-2 Infection but Could Offer Protection from Severe COVID-19. <i>MSphere</i> , 2021, 6, .	1.3	7
40	Pathogenic Human Coronaviruses. , 2021, , .		5
41	Human Coronaviruses: Counteracting the Damage by Storm. <i>Viruses</i> , 2021, 13, 1457.	1.5	5
42	Identification and characterization of the <i>Trichoplusia ni</i> single capsid nuclear polyhedrosis virus p10 gene. , 2000, 20, 189-192.		4
43	Identification, sequence analysis, and phylogeny of the immediate early gene 1 of the <i>Trichoplusia ni</i> single nucleocapsid polyhedrosis virus. <i>Virus Genes</i> , 2001, 23, 53-62.	0.7	4
44	Expression, purification and preliminary crystallographic analysis of recombinant human DEAD-box polypeptide 5. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2010, 66, 192-194.	0.7	4
45	The genetic organization of a 2,966 basepair DNA fragment of a single capsid nucleopolyhedrovirus isolated from <i>Trichoplusia ni</i> . <i>Virus Genes</i> , 2002, 25, 35-43.	0.7	3
46	Optimization and preclinical design of genetically engineered viruses for human oncolytic therapy. <i>Expert Opinion on Biological Therapy</i> , 2012, 12, 1427-1447.	1.4	2
47	Insult to Injury-Potential Contribution of Coronavirus Disease-19 to Neuroinflammation and the Development of HIV-Associated Neurocognitive Disorders. <i>AIDS Research and Human Retroviruses</i> , 2021, 37, 601-609.	0.5	2
48	HPLC-MS identification and expression of <i>Candida</i> drug-resistance proteins from African HIV-infected patients. <i>AIMS Microbiology</i> , 2021, 7, 320-335.	1.0	1
49	Evaluation of synergistic anticandidal activity of <i>Galenia africana</i> extract and fluconazole against <i>Candida albicans</i> and <i>Candida glabrata</i> . <i>Journal of Herbal Medicine</i> , 2022, 32, 100503.	1.0	1
50	The Singapore Contribution in the Battle against the Severe Acute Respiratory Syndrome. , 2006, 4, 1-22.		0
51	The Application of Genetic Tests in an Assisted Reproduction Unit: Karyotype. , 2017, , 27-36.		0
52	Title is missing!. , 2021, 16, e0245258.		0
53	Title is missing!. , 2021, 16, e0245258.		0
54	Title is missing!. , 2021, 16, e0245258.		0

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55	Title is missing!. , 2021, 16, e0245258.		0