

Christopher Henry Fry

List of Publications by Year in descending order

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104
papers

1,816
citations

257357

24
h-index

360920

35
g-index

105
all docs

105
docs citations

105
times ranked

1796
citing authors

#	ARTICLE	IF	CITATIONS
1	Modulation of bladder myofibroblast activity: implications for bladder function. American Journal of Physiology - Renal Physiology, 2008, 295, F688-F697.	1.3	83
2	Characterization of the purinergic receptor subtype on guinea-pig suburothelial myofibroblasts. BJU International, 2006, 97, 1327-1331.	1.3	76
3	The potential role of unregulated autonomous bladder micromotions in urinary storage and voiding dysfunction; overactive bladder and detrusor underactivity. BJU International, 2017, 119, 22-29.	1.3	68
4	Alterations in Cardiac Connexin Expression in Cardiomyopathies. , 2006, 42, 228-242.		65
5	Accurate quantification of apoptosis progression and toxicity using a dielectrophoretic approach. Analyst, The, 2016, 141, 6408-6415.	1.7	65
6	Relationship Between Gap-Junctional Conductance and Conduction Velocity in Mammalian Myocardium. Circulation: Arrhythmia and Electrophysiology, 2013, 6, 1208-1214.	2.1	62
7	The Role of the Mucosa in Normal and Abnormal Bladder Function. Basic and Clinical Pharmacology and Toxicology, 2016, 119, 57-62.	1.2	59
8	Influence of age and bladder dysfunction on the contractile properties of isolated human detrusor smooth muscle. BJU International, 2011, 108, E91-6.	1.3	51
9	The validation of a functional, isolated pig bladder model for physiological experimentation. Frontiers in Pharmacology, 2012, 3, 52.	1.6	50
10	Urinary Outflow Obstruction Increases Apoptosis and Deregulates Bcl-2 and Bax Expression in the Fetal Ovine Bladder. American Journal of Pathology, 2003, 162, 1271-1282.	1.9	42
11	Prestroke Disability Predicts Adverse Poststroke Outcome. Stroke, 2020, 51, 594-600.	1.0	37
12	Fibrosis and the bladder, implications for function ICIâ€RS 2017. Neurourology and Urodynamics, 2018, 37, S7-S12.	0.8	36
13	Microvascular dysfunction and efficacy of PDE5 inhibitors in BPHâ€LUTS. Nature Reviews Urology, 2014, 11, 231-241.	1.9	34
14	Tenâ€Second Electrophysiology: Evaluation of the 3DEP Platform for high-speed, high-accuracy cell analysis. Scientific Reports, 2019, 9, 19153.	1.6	34
15	Altered distribution of interstitial cells and innervation in the rat urinary bladder following spinal cord injury. Journal of Cellular and Molecular Medicine, 2012, 16, 1533-1543.	1.6	33
16	The regulation of ATP release from the urothelium by adenosine and transepithelial potential. BJU International, 2013, 111, 505-513.	1.3	32
17	On the origin of spontaneous activity in the bladder. BJU International, 2016, 117, 982-992.	1.3	32
18	Relaxinâ€2 therapy reverses radiationâ€induced fibrosis and restores bladder function in mice. Neurourology and Urodynamics, 2018, 37, 2441-2451.	0.8	32

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19	Effects of In Utero Bladder Outflow Obstruction on Fetal Sheep Detrusor Contractility, Compliance and Innervation. <i>Journal of Urology</i> , 2002, 168, 1615-1620.	0.2	29
20	<scp>ATP</scp> release from freshly isolated guinea pig bladder urothelial cells: a quantification and study of the mechanisms involved. <i>BJU International</i> , 2015, 115, 987-993.	1.3	29
21	The association between t-type Ca ²⁺ -current and outward current in isolated human detrusor cells from stable and overactive bladders. <i>BJU International</i> , 2007, 99, 436-441.	1.3	27
22	What is the role for biomarkers for lower urinary tract disorders? ICI-RS 2013. <i>Neurourology and Urodynamics</i> , 2014, 33, 602-605.	0.8	27
23	Muro-Neuro-Urodynamics; a Review of the Functional Assessment of Mouse Lower Urinary Tract Function. <i>Frontiers in Physiology</i> , 2017, 8, 49.	1.3	27
24	Relationship Between Connexin Expression and Gap Junction Resistivity in Human Atrial Myocardium. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2014, 7, 321-329.	2.1	26
25	Estimation of bladder contractility from intravesical pressure-volume measurements. <i>Neurourology and Urodynamics</i> , 2017, 36, 1009-1014.	0.8	25
26	Associations of 4AT with mobility, length of stay and mortality in hospital and discharge destination among patients admitted with hip fractures. <i>Age and Ageing</i> , 2020, 49, 411-417.	0.7	25
27	Cytoplasm Resistivity of Mammalian Atrial Myocardium Determined by Dielectrophoresis and Impedance Methods. <i>Biophysical Journal</i> , 2012, 103, 2287-2294.	0.2	24
28	Influence of sildenafil on the purinergic components of nerve-mediated and urothelial ATP release from the bladder of normal and spinal cord injured mice. <i>British Journal of Pharmacology</i> , 2019, 176, 2227-2237.	2.7	24
29	The passive and active contractile properties of the neurogenic, underactive bladder. <i>BJU International</i> , 2013, 111, 355-361.	1.3	22
30	Contractile effects and receptor analysis of adenosine-receptors in human detrusor muscle from stable and neuropathic bladders. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2016, 389, 921-929.	1.4	22
31	What is the exact working mechanism of botulinum toxin A and sacral nerve stimulation in the treatment of overactive bladder/detrusor overactivity? ICI-RS 2017. <i>Neurourology and Urodynamics</i> , 2018, 37, S108-S116.	0.8	22
32	Characterisation of nerve-mediated ATP release from bladder detrusor muscle and its pathological implications. <i>British Journal of Pharmacology</i> , 2019, 176, 4720-4730.	2.7	22
33	Inhibition of stretching-evoked ATP release from bladder mucosa by anticholinergic agents. <i>BJU International</i> , 2012, 110, E397-401.	1.3	21
34	Do we understand how botulinum toxin works and have we optimized the way it is administered to the bladder? ICI-RS 2014. <i>Neurourology and Urodynamics</i> , 2016, 35, 293-298.	0.8	20
35	Probabilistic, spinally-gated control of bladder pressure and autonomous micturition by Barrington's nucleus CRH neurons. <i>ELife</i> , 2020, 9, .	2.8	19
36	Effects of in utero bladder outflow obstruction on fetal sheep detrusor contractility, compliance and innervation. <i>Journal of Urology</i> , 2002, 168, 1615-20.	0.2	18

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37	Can we define and characterize the aging lower urinary tract? ICI-RS 2015. <i>Neurourology and Urodynamics</i> , 2017, 36, 854-858.	0.8	17
38	Anticoagulation therapy in patients with stroke and atrial fibrillation: a registry-based study of acute stroke care in Surrey, UK. <i>BMJ Open</i> , 2018, 8, e022558.	0.8	17
39	Spontaneous Activity and the Urinary Bladder. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1124, 121-147.	0.8	17
40	The Ability of the Nottingham Hip Fracture Score to Predict Mobility, Length of Stay and Mortality in Hospital, and Discharge Destination in Patients Admitted with a Hip Fracture. <i>Calcified Tissue International</i> , 2020, 107, 319-326.	1.5	17
41	Prevalence and consequences of malnutrition and malnourishment in older individuals admitted to hospital with a hip fracture. <i>European Journal of Clinical Nutrition</i> , 2021, 75, 645-652.	1.3	17
42	LACE index predicts age-specific unplanned readmissions and mortality after hospital discharge. <i>Aging Clinical and Experimental Research</i> , 2021, 33, 1041-1048.	1.4	16
43	Functional properties and connective tissue content of pediatric human detrusor muscle. <i>American Journal of Physiology - Renal Physiology</i> , 2014, 307, F1072-F1079.	1.3	15
44	Targeting p75 neurotrophin receptors ameliorates spinal cord injury-induced detrusor sphincter dyssynergia in mice. <i>Neurourology and Urodynamics</i> , 2018, 37, 2452-2461.	0.8	15
45	Which molecular targets do we need to focus on to improve lower urinary tract dysfunction? ICI-RS 2017. <i>Neurourology and Urodynamics</i> , 2018, 37, S117-S126.	0.8	15
46	Implications for bidirectional signaling between afferent nerves and urothelial cells-ICI-RS 2014. <i>Neurourology and Urodynamics</i> , 2016, 35, 273-277.	0.8	14
47	Recommendations for future development of contractility and obstruction nomograms for women. ICI-RS 2014. <i>Neurourology and Urodynamics</i> , 2016, 35, 307-311.	0.8	14
48	What are the origins and relevance of spontaneous bladder contractions? ICI-RS 2017. <i>Neurourology and Urodynamics</i> , 2018, 37, S13-S19.	0.8	14
49	New evidence-based A1, A2, A3 alarm time zones for transferring thrombolysed patients to hyper-acute stroke units: faster is better. <i>Neurological Sciences</i> , 2019, 40, 1659-1665.	0.9	14
50	Benign prostatic hyperplasia/obstruction ameliorated using a soluble guanylate cyclase activator. <i>Journal of Pathology</i> , 2022, 256, 442-454.	2.1	14
51	Evaluation of anticoagulation status for atrial fibrillation on early ischaemic stroke outcomes: a registry-based, prospective cohort study of acute stroke care in Surrey, UK. <i>BMJ Open</i> , 2017, 7, e019122.	0.8	13
52	Changes in cortisol levels by continuous positive airway pressure in patients with obstructive sleep apnoea: Meta-analysis of 637 individuals. <i>Clinical Endocrinology</i> , 2021, 95, 909-917.	1.2	13
53	Does altered myogenic activity contribute to OAB symptoms from detrusor overactivity? ICI-RS 2013. <i>Neurourology and Urodynamics</i> , 2014, 33, 577-580.	0.8	12
54	Derivation of age-adjusted LACE index thresholds in the prediction of mortality and frequent hospital readmissions in adults. <i>Internal and Emergency Medicine</i> , 2020, 15, 1319-1325.	1.0	12

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55	Architectural Correlates of Myocardial Conduction. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2014, 7, 1198-1204.	2.1	11
56	New targets for overactive bladder—ICI—RS 2109. <i>Neurourology and Urodynamics</i> , 2020, 39, S113-S121.	0.8	11
57	A clinical perspective of parathyroid hormone related hypercalcaemia. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2020, 21, 77-88.	2.6	11
58	Characterization of mouse neurourological dynamics in a novel decerebrate arterially perfused mouse (DAPM) preparation. <i>Neurourology and Urodynamics</i> , 2018, 37, 1302-1312.	0.8	10
59	Meta-analysis of changes in the levels of catecholamines and blood pressure with continuous positive airway pressure therapy in obstructive sleep apnea. <i>Journal of Clinical Hypertension</i> , 2021, 23, 12-20.	1.0	10
60	Contractile properties of the developing fetal sheep bladder. <i>Neurourology and Urodynamics</i> , 2005, 24, 276-281.	0.8	9
61	Evaluation of the Association of Length of Stay in Hospital and Outcomes. <i>International Journal for Quality in Health Care</i> , 2021, , .	0.9	9
62	ATP transients accompany spontaneous contractions in isolated guinea pig detrusor smooth muscle. <i>Experimental Physiology</i> , 2019, 104, 1717-1725.	0.9	8
63	Sildenafil, a phosphodiesterase type 5 inhibitor, augments sphincter bursting and bladder afferent activity to enhance storage function and voiding efficiency in mice. <i>BJU International</i> , 2019, 124, 163-173.	1.3	8
64	Contractile function of detrusor smooth muscle from children with posterior urethral valves — The role of fibrosis. <i>Journal of Pediatric Urology</i> , 2021, 17, 100.e1-100.e10.	0.6	8
65	Comparison of characteristics and outcomes of patients admitted to hospital with COVID-19 during wave 1 and wave 2 of the current pandemic. <i>Internal and Emergency Medicine</i> , 2021, , 1.	1.0	8
66	Interstitial cells in the urinary tract, where are they and what do they do?. <i>BJU International</i> , 2014, 114, 434-435.	1.3	7
67	Modulation of Bladder Wall Micromotions Alters Intravesical Pressure Activity in the Isolated Bladder. <i>Frontiers in Physiology</i> , 2018, 9, 1937.	1.3	7
68	Validity of the LACE index for identifying frequent early readmissions after hospital discharge in children. <i>European Journal of Pediatrics</i> , 2021, 180, 1571-1579.	1.3	7
69	Association of risk of malnutrition with adverse outcomes and early support on discharge in acute stroke patients without prestroke disability: A multicenter, registry-based cohort study. <i>Nutrition in Clinical Practice</i> , 2022, 37, 1233-1241.	1.1	7
70	Increased Association With Malnutrition and Malnourishment in Older Adults Admitted With Hip Fractures Who Have Cognitive Impairment and Delirium, as Assessed by 4AT. <i>Nutrition in Clinical Practice</i> , 2021, 36, 1053-1058.	1.1	7
71	The calculation and comparison of the Detrusor Contractility Parameter and Watts Factor. <i>Neurourology and Urodynamics</i> , 2018, 37, 2745-2752.	0.8	6
72	Changes in Characteristics and Outcomes of Patients Undergoing Surgery for Hip Fractures Following the Initiation of Orthogeriatric Service: Temporal Trend Analysis. <i>Calcified Tissue International</i> , 2022, 110, 185-195.	1.5	6

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73	Purinergic signalling in the urinary bladder – When function becomes dysfunction. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2021, 235, 102852.	1.4	6
74	Is electrolyte transfer across the urothelium important?: ICIERS 2015. <i>Neurourology and Urodynamics</i> , 2017, 36, 863-868.	0.8	5
75	Stretch- and carbachol-induced ATP release from bladder wall preparations of young and aged mice. <i>Neurourology and Urodynamics</i> , 2020, 39, 1644-1652.	0.8	5
76	Contractile and Structural Properties of Detrusor from Children with Neurogenic Lower Urinary Tract Dysfunction. <i>Biology</i> , 2021, 10, 863.	1.3	5
77	Pre-fracture Mobility Using Standardized Scale as an Early Indicator of High Health Risk in Patients with a Hip Fracture. <i>Ageing International</i> , 0, , 1.	0.6	5
78	Does the length of stay in hospital affect healthcare outcomes of patients without COVID-19 who were admitted during the pandemic? A retrospective monocentric study. <i>Internal and Emergency Medicine</i> , 2022, 17, 1385-1393.	1.0	5
79	Frequency-dependent characteristics of nerve-mediated ATP and acetylcholine release from detrusor smooth muscle. <i>Experimental Physiology</i> , 2022, 107, 350-358.	0.9	5
80	Investigating the associations of mucosal P2Y6 receptor expression and urinary ATP and ADP concentrations, with symptoms of overactive bladder. <i>Neurourology and Urodynamics</i> , 2020, 39, 926-934.	0.8	4
81	ICIERS 2019 nocturia think tank: How can experimental science guide us in understanding the pathophysiology of nocturia?. <i>Neurourology and Urodynamics</i> , 2020, 39, S88-S95.	0.8	4
82	Changing trends in the use of novel oral anticoagulants and warfarin for treating non-valvular atrial fibrillation. <i>JRSM Cardiovascular Disease</i> , 2020, 9, 204800402091540.	0.4	4
83	Early emergency readmission frequency as an indicator of short-, medium- and long-term mortality post-discharge from hospital. <i>Internal and Emergency Medicine</i> , 2021, 16, 1497-1505.	1.0	4
84	Clinical outcomes in patients admitted to hospital with cervical spine fractures or with hip fractures. <i>Internal and Emergency Medicine</i> , 2021, 16, 1207-1213.	1.0	3
85	Prediction of Paroxysmal Atrial Fibrillation From Complexity Analysis of the Sinus Rhythm ECG: A Retrospective Case/Control Pilot Study. <i>Frontiers in Physiology</i> , 2021, 12, 570705.	1.3	3
86	Adverse consequences of immediate thrombolysis-related complications: a multi-centre registry-based cohort study of acute stroke. <i>Journal of Thrombosis and Thrombolysis</i> , 2021, , 1.	1.0	3
87	The Frequency-Dependence of Pre- and Postganglionic Nerve Stimulation of Pig and Rat Bladder. <i>International Neurourology Journal</i> , 2021, 25, 210-218.	0.5	3
88	Adrenal hypofunction associated with ashwagandha (<i>Withania somnifera</i>) supplementation: a case report. <i>Toxicology and Environmental Health Sciences</i> , 2022, 14, 141-145.	1.1	3
89	Comparison of characteristics, management and outcomes in hospital-onset and community-onset stroke: a multi-centre registry-based cohort study of acute stroke. <i>Neurological Sciences</i> , 2022, 43, 4853-4862.	0.9	3
90	Mild external heating and reduction in spontaneous contractions of the bladder. <i>BJU International</i> , 2017, 120, 724-730.	1.3	2

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91	Are there relevant animal models to set research priorities in LUTD? ICIâ€RS 2019. Neurourology and Urodynamics, 2020, 39, S9-S15.	0.8	2
92	Antenatal biological models in the characterization and research of congenital lower urinary tract disorders. Journal of Pediatric Urology, 2021, 17, 21-29.	0.6	2
93	Sex differences in the agreement between left ventricular ejection fraction measured by myocardial perfusion scintigraphy and by echocardiography. JRSM Cardiovascular Disease, 2020, 9, 204800402091539.	0.4	1
94	The smoking-dyslipidaemia dyad: A potent synergistic risk for atherosclerotic coronary artery disease. JRSM Cardiovascular Disease, 2021, 10, 204800402098094.	0.4	1
95	ATP shows more potential as a urinary biomarker than acetylcholine and PGE 2 , but its concentration in urine is not a simple function of dilution. Neurourology and Urodynamics, 2021, 40, 753-762.	0.8	1
96	Predicting Stroke Complications in Hospital and Functional Status at Discharge by Clustering of Cardiovascular Diseases a Multi-Centre Registry-Based Study of Acute Stroke. Journal of Stroke and Cerebrovascular Diseases, 2022, 31, 106162.	0.7	1
97	TUMOUR NECROSIS FACTOR (TNF-Î) ENHANCES MONOCYTES TRANS-ENDOTHELIAL MIGRATION (TEM) THROUGH GAP JUNCTION (GJ); A ROLE FOR PROTEIN KINASE C (PKC) BUT NOT MAPK. Heart, 2014, 100, A1.1-A1.	1.2	0
98	Functional consequences of co-expressing connexin40 or connexin45 with connexin43 on intercellular electrical coupling. Biochemical and Biophysical Research Communications, 2017, 483, 191-196.	1.0	0
99	The Integrated Physiology of the Lower Urinary Tract. , 2019, , 65-77.		0
100	The Lower Urinary Tract Science Group â€” ICIâ€RS. 5th June 2019 Record of Meeting at Bristol University, UK. Neurourology and Urodynamics, 2020, 39, S156-S163.	0.8	0
101	Disparity in the risk of exposure to respirable crystalline silica dust among non-manual and manual employees in the construction industry. Safety in Extreme Environments, 2021, 3, 125-132.	1.8	0
102	Continuous positive airway pressure therapy reduces the levels of catecholamines and blood pressure in pseudophaeochromocytoma with coexisting obstructive sleep apnoea. JRSM Cardiovascular Disease, 2021, 10, 204800402199219.	0.4	0
103	Selective P2Y 6 â€Receptor Antagonism as a Putative Treatment for Detrusor Overactivity. FASEB Journal, 2008, 22, 656-656.	0.2	0
104	Hypothesis: Disrupted Regulation of the Intracranial Vascular and Cerebrospinal Fluid Circulations Causes Nocturia. European Urology Focus, 2022, 8, 60-65.	1.6	0