Richard J Head

List of Publications by Year
in descending order

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120 papers	5,601 citations	126708 33 h-index	82410 72 g-index
122 all docs	122 docs citations	122 times ranked	7734 citing authors

#	Article	IF	Citations
1	Amyloid imaging results from the Australian Imaging, Biomarkers and Lifestyle (AIBL) study of aging. Neurobiology of Aging, 2010, 31, 1275-1283.	1.5	885
2	Blood-Based Protein Biomarkers for Diagnosis of Alzheimer Disease. Archives of Neurology, 2012, 69, 1318.	4.9	348
3	A review of the potential mechanisms for the lowering of colorectal oncogenesis by butyrate. British Journal of Nutrition, 2012, 108, 820-831.	1.2	262
4	Nutrigenetics and Nutrigenomics: Viewpoints on the Current Status and Applications in Nutrition Research and Practice. Journal of Nutrigenetics and Nutrigenomics, 2011, 4, 69-89.	1.8	240
5	Study design of ASPirin in Reducing Events in the Elderly (ASPREE): A randomized, controlled trial. Contemporary Clinical Trials, 2013, 36, 555-564.	0.8	212
6	Predicting Alzheimer disease with Î²â€amyloid imaging: Results from the Australian imaging, biomarkers, and lifestyle study of ageing. Annals of Neurology, 2013, 74, 905-913.	2.8	194
7	Longchain nâ^'3 polyunsaturated fatty acids and blood vessel function. Cardiovascular Research, 2001, 52, 361-371.	1.8	188
8	Chemical deafferentation of the olfactory bulb: Plasticity of the levels of tyrosine hydroxylase, dopamine and norepinephrine. Brain Research, 1981, 213, 365-377.	1.1	171
9	The cardiovascular protective role of docosahexaenoic acid. European Journal of Pharmacology, 1996, 300, 83-89.	1.7	171
10	Absorption and Excretion of the Soy Isoflavone Genistein in Rats. Journal of Nutrition, 1996, 126, 176-182.	1.3	158
11	Adherence to a Mediterranean diet and Alzheimerâ€™s disease risk in an Australian population. Translational Psychiatry, 2012, 2, e164-e164.	2.4	149
12	Rosemary and Cancer Prevention: Preclinical Perspectives. Critical Reviews in Food Science and Nutrition, 2011, 51, 946-954.	5.4	132
13	High-pressure liquid chromatographic-fluorometric detection of adenosine and adenine nucleotides: Application to endogenous content and electrically induced release of adenyl purines in guinea pig vas deferens. Analytical Biochemistry, 1984, 137, 93-100.	1.1	114
14	A blood-based predictor for neocortical AÎ² burden in Alzheimerâ€™s disease: results from the AIBL study. Molecular Psychiatry, 2014, 19, 519-526.	4.1	108
15	A Contrasting effect of the diabetic state upon the contractile responses of aortic preparations from the rat and rabbit. British Journal of Pharmacology, 1987, 91, 275-286.	2.7	104
16	Cardiovascular Biology of Interleukin-6. Current Pharmaceutical Design, 2009, 15, 1809-1821.	0.9	103
17	The Expression and Localisation of the Angiotensin-Converting Enzyme mRNA in Human Adipose Tissue. Blood Pressure, 1994, 3, 72-75.	0.7	82
18	Does Garlic Reduce Risk of Colorectal Cancer? A Systematic Review , ,3. Journal of Nutrition, 2007, 137, 2264-2269.	1.3	79

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19	Assessment of isoflavonoid concentrations in Australian bovine milk samples. Journal of Dairy Research, 1998, 65, 479-489.	0.7	76
20	Herbal medicine for dementia: a systematic review. Phytotherapy Research, 2009, 23, 447-459.	2.8	69
21	Effects of microencapsulation on the gastrointestinal transit and tissue distribution of a bioactive mixture of fish oil, tributyrin and resveratrol. Journal of Functional Foods, 2011, 3, 25-37.	1.6	69
22	â€œLONG COVIDâ€â€”A hypothesis for understanding the biological basis and pharmacological treatment strategy. Pharmacology Research and Perspectives, 2022, 10, e00911.	1.1	69
23	Butyrate-Induced Apoptosis in HCT116 Colorectal Cancer Cells Includes Induction of a Cell Stress Response. Journal of Proteome Research, 2011, 10, 1860-1869.	1.8	67
24	Fifteen Years of the Australian Imaging, Biomarkers and Lifestyle (AIBL) Study: Progress and Observations from 2,359 Older Adults Spanning the Spectrum from Cognitive Normality to Alzheimerâ€™s Disease. Journal of Alzheimer's Disease Reports, 2021, 5, 443-468.	1.2	59
25	Genistein inhibits growth of B16 melanoma cellsin vivo andin vitro and promotes differentiationin vitro. , 1997, 72, 860-864.		58
26	Chronic nerve growth factor treatment of normotensive rats. Brain Research, 1991, 538, 251-262.	1.1	55
27	Anti-inflammatory effects of five commercially available mushroom species determined in lipopolysaccharide and interferon-Î³ activated murine macrophages. Food Chemistry, 2014, 148, 92-96.	4.2	49
28	Histamine levels in stored human blood. Transfusion, 1984, 24, 502-504.	0.8	47
29	Inhibition of angiotensin converting enzyme (ACE) activity by polyphenols from tea (Camellia sinensis) and links to processing method. Food and Function, 2011, 2, 310.	2.1	45
30	The effect of valproic acid in combination with irradiation and temozolomide on primary human glioblastoma cells. Journal of Neuro-Oncology, 2015, 122, 263-271.	1.4	44
31	Site Specific Delivery of Microencapsulated Fish Oil to the Gastrointestinal Tract of the Rat. Digestive Diseases and Sciences, 2009, 54, 511-521.	1.1	42
32	Polyphenol-enriched extract of oil palm fronds (Elaeis guineensis) promotes vascular relaxation via endothelium-dependent mechanisms. Asia Pacific Journal of Clinical Nutrition, 2002, 11, S467-S472.	0.3	41
33	Dietary polyunsaturated fatty acid and antioxidant modulation of vascular dysfunction in the spontaneously hypertensive rat. Prostaglandins Leukotrienes and Essential Fatty Acids, 2001, 65, 91-97.	1.0	36
34	Repurposing some older drugs that cross the bloodâ€“brain barrier and have potential anticancer activity to provide new treatment options for glioblastoma. British Journal of Clinical Pharmacology, 2016, 81, 199-209.	1.1	35
35	Pathophysiology of smooth muscle in hypertension. Canadian Journal of Physiology and Pharmacology, 1995, 73, 574-584.	0.7	33
36	NERVE GROWTH FACTOR mRNA CONTENT PARALLELS ALTERED SYMPATHETIC INNERVATION IN THE SPONTANEOUSLY HYPERTENSIVE RAT. Clinical and Experimental Pharmacology and Physiology, 1992, 19, 541-545.	0.9	32

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37	Chinese herbal medicine for Mild Cognitive Impairment and Age Associated Memory Impairment: a review of randomised controlled trials. Biogerontology, 2009, 10, 109-123.	2.0	32
38	Altered Catecholamine Contents in Vascular and Nonvascular Tissues in Genetically Hypertensive Rats. Journal of Vascular Research, 1985, 22, 196-204.	0.6	31
39	Fish Oils Modulate Blood Pressure and Vascular Contractility in the Rat and Vascular Contractility in the Primate. Blood Pressure, 1995, 4, 177-186.	0.7	31
40	Determination of anti-inflammatory activities of standardised preparations of plant- and mushroom-based foods. European Journal of Nutrition, 2014, 53, 335-343.	1.8	31
41	Heat-Stable Components of Wood Ear Mushroom, Auricularia polytricha (Higher Basidiomycetes), Inhibit In Vitro Activity of Beta Secretase (BACE1). International Journal of Medicinal Mushrooms, 2013, 15, 233-249.	0.9	31
42	Dietary fish oil administration retards the development of hypertension and influences vascular neuroeffector function in the stroke prone spontaneously hypertensive rat (SHRSP). Prostaglandins Leukotrienes and Essential Fatty Acids, 1991, 44, 119-122.	1.0	30
43	The renin angiotensin system and nociception in spontaneously hypertensive rats. Life Sciences, 1995, 56, 1073-1078.	2.0	29
44	Age- and Hypertension-induced Changes in Abnormal Contractions in Rat Aorta. Journal of Cardiovascular Pharmacology, 2002, 40, 930-937.	0.8	29
45	Effects of dietary sodium and fish oil on blood pressure development in stroke-prone spontaneously hypertensive rats. Journal of Hypertension, 1991, 9, 639-644.	0.3	27
46	Prevention of nerve conduction deficit in diabetic rats by polyunsaturated fatty acids. American Journal of Clinical Nutrition, 2000, 71, 386S-392S.	2.2	27
47	Proteomic Analysis of Butyrate Effects and Loss of Butyrate Sensitivity in HT29 Colorectal Cancer Cells. Journal of Proteome Research, 2009, 8, 1220-1227.	1.8	26
48	The interacting physiology of COVIDâ€19 and the reninâ€angiotensinâ€aldosterone system: Key agents for treatment. Pharmacology Research and Perspectives, 2022, 10, e00917.	1.1	25
49	Modulation of amyloid-Î² 1-42 structure and toxicity by proline-rich whey peptides. Food and Function, 2013, 4, 92-103.	2.1	24
50	Characterization of the O-methylation of catechol oestrogens by intact rabbit thoracic aorta and subcellular fractions thereof. Naunyn-Schmiedeberg's Archives of Pharmacology, 1986, 334, 17-28.	1.4	21
51	Effect of Î±1-adrenoceptor blockade on the development of hypertension in the spontaneously hypertensive rat. European Journal of Pharmacology, 1992, 211, 263-268.	1.7	21
52	Research and standardization in Alzheimer's trials: Reaching international consensus. , 2013, 9, 160-168.		20
53	Systems analysis shows that thermodynamic physiological and pharmacological fundamentals drive COVIDâ€19 and response to treatment. Pharmacology Research and Perspectives, 2022, 10, e00922.	1.1	20
54	Efficacy of butyrate analogues in HTâ€29 cancer cells. Clinical and Experimental Pharmacology and Physiology, 2010, 37, 482-489.	0.9	19

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55	Repair and removal of azoxymethane-induced O6-methylguanine in rat colon by O6-methylguanine DNA methyltransferase and apoptosis. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2013, 758, 80-86.	0.9	19
56	Processed dietary plants demonstrate broad capacity for angiotensin converting enzyme and angiotensin II receptor binding inhibition in vitro. Journal of Functional Foods, 2012, 4, 851-863.	1.6	18
57	Angiotensin II-Mediated Facilitation of Sympathetic Neurotransmission in the Spontaneously Hypertensive Rat Is Not Associated with Neuronal Uptake of the Peptide. Journal of Cardiovascular Pharmacology, 1993, 22, 750-753.	0.8	17
58	Intestinal passage of microencapsulated fish oil in rats following oral administration. Food and Function, 2011, 2, 684.	2.1	17
59	Repurposing existing therapeutics, its importance in oncology drug development: Kinases as a potential target. British Journal of Clinical Pharmacology, 2022, 88, 64-74.	1.1	17
60	Uptake and O-Methylation of Isoprenaline in the Rabbit Ear Artery. Journal of Vascular Research, 1980, 17, 229-245.	0.6	16
61	ADRENAL ORIGIN OF PLASMA CATECHOLAMINES AFTER DECAPITATION: A STUDY IN NORMAL AND DIABETIC RATS. British Journal of Pharmacology, 1978, 64, 3-5.	2.7	15
62	An apparatus to assay opioid activity in the infused lumen of the intact isolated guinea pig ileum. Journal of Pharmacological and Toxicological Methods, 2001, 45, 39-46.	0.3	15
63	Altered Disposition of Vascular Catecholamines in Hypertensive (Doca-Salt) Rats. Clinical and Experimental Hypertension, 1980, 2, 129-138.	1.2	14
64	Identification of a Nonendothelial Cell Thromboxane-Like Constrictor Response and Its Interaction with the Renin-Angiotensin System in the Aorta of Spontaneously Hypertensive Rats. Journal of Vascular Research, 1994, 31, 52-60.	0.6	14
65	Structureâ€“activity relationship of butyrate analogues on apoptosis, proliferation and histone deacetylase activity in HCTâ€116 human colorectal cancer cells. Clinical and Experimental Pharmacology and Physiology, 2010, 37, 905-911.	0.9	14
66	Valproate in Adjuvant Glioblastoma Treatment. Journal of Clinical Oncology, 2016, 34, 3105-3107.	0.8	14
67	ENDOGENOUS AND EXOGENOUS HISTAMINE IN RABBIT THORACIC AORTA. The Australian Journal of Experimental Biology and Medical Science, 1977, 55, 89-102.	0.7	13
68	Identification of Potential Pathways Involved in Induction of Apoptosis by Butyrate and 4-Benzoylbutyrate in HT29 Colorectal Cancer Cells. Journal of Proteome Research, 2012, 11, 6019-6029.	1.8	13
69	Molecular Size Fractions of Bay Leaf(Laurus nobilis)Exhibit Differentiated Regulation of Colorectal Cancer Cell Growth In Vitro. Nutrition and Cancer, 2013, 65, 746-764.	0.9	13
70	Dietary Fish Oil Administration Retards Blood Pressure Development and Influences Vascular Properties in the Spontaneously Hypertensive Rat (SHR) but not in the Stroke Prone-Spontaneously Hypertensive Rat (SHR-SP). Blood Pressure, 1994, 3, 120-126.	0.7	12
71	Effects of casoxin 4 on morphine inhibition of small animal intestinal contractility and gut transit in the mouse. Clinical and Experimental Gastroenterology, 2011, 4, 23.	1.0	12
72	The Influence of Chronic Captopril Treatment and its Withdrawal on Endothelium-Dependent Relaxation. Blood Pressure, 1992, 1, 247-253.	0.7	11

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73	Genomic homeostasis is dysregulated in favour of apoptosis in the colonic epithelium of the azoxymethane treated rat. BMC Physiology, 2013, 13, 2.	3.6	11
74	The stereoselective O-methylation of isoprenaline in the isolated rabbit thoracic aorta. Naunyn-Schmiedeberg's Archives of Pharmacology, 1985, 329, 9-17.	1.4	10
75	THE INFLUENCE OF THE RENIN ANGIOTENSIN SYSTEM ON ABNORMAL EXPRESSION OF NERVE GROWTH FACTOR IN THE SPONTANEOUSLY HYPERTENSIVE RAT. Clinical and Experimental Pharmacology and Physiology, 1995, 22, 478-480.	0.9	10
76	Is the tissue persistence of O6-methyl-2â€²-deoxyguanosine an indicator of tumour formation in the gastrointestinal tract?. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2011, 721, 119-126.	0.9	10
77	A combined freeâ€flow electrophoresis and DIGE approach to identify proteins regulated by butyrate in HT29 cells. Proteomics, 2011, 11, 964-971.	1.3	10
78	Upregulation of the Vascular Alpha-1 Receptor in Malignant Doca-salt Hypertension. Clinical and Experimental Hypertension, 1988, 10, 229-247.	0.3	9
79	Cilazapril and Dietary Gamma-Linolenic Acid Prevent the Deficit in Sciatic Nerve Conduction Velocity in the Streptozotocin Diabetic Rat. Journal of Diabetes and Its Complications, 1998, 12, 65-73.	1.2	9
80	Modulation of inâ€ƒvitro activity of zymogenic and mature recombinant human Î²â€secretase by dietary plants. FEBS Journal, 2012, 279, 1291-1305.	2.2	9
81	Cell surface localization of P2-purinergic receptors in vas deferens. Biochemical Pharmacology, 1983, 32, 563-565.	2.0	8
82	Measuring the combinatorial expression of solute transporters and metalloproteinases transcripts in colorectal cancer. BMC Research Notes, 2009, 2, 164.	0.6	8
83	Functional Foods: Approaches to Definition and Substantiation. Nutrition Reviews, 1996, 54, S17-S20.	2.6	8
84	Application of logic models in a large scientific research program. Evaluation and Program Planning, 2011, 34, 174-184.	0.9	8
85	Dietary butyrylated high-amylose starch reduces azoxymethane-induced colonic O 6 -methylguanine adducts in rats as measured by immunohistochemistry and high-pressure liquid chromatography. Nutrition Research, 2016, 36, 982-988.	1.3	8
86	Persistence of DNA adducts, hypermutation and acquisition of cellular resistance to alkylating agents in glioblastoma. Cancer Biology and Therapy, 2017, 18, 917-926.	1.5	8
87	A pharmacological framework for integrating treating the host, drug repurposing and the damage response framework in COVIDâ€19. British Journal of Clinical Pharmacology, 2021, 87, 875-885.	1.1	8
88	The Effect of Captopril Treatment and Its Withdrawal on the Gene Expression of the Renin-Angiotensin System. Blood Pressure, 1994, 3, 97-105.	0.7	7
89	Buying time: Drug repurposing to treat the host in COVIDâ€19H. Pharmacology Research and Perspectives, 2020, 8, e00620.	1.1	7
90	SEMI-AUTOMATED CATECHOLAMINE ASSAY. The Australian Journal of Experimental Biology and Medical Science, 1977, 55, 213-223.	0.7	6

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91	NEUROVASCULAR FUNCTION DURING PREGNANCY IN THE SPONTANEOUSLY HYPERTENSIVE RAT. Clinical and Experimental Pharmacology and Physiology, 1992, 19, 415-423.	0.9	6
92	Influence of Î±1 and Î±2-Adrenoceptor Antagonist Therapy on the Development of Hypertension in Spontaneously Hypertensive Rats. Journal of Cardiovascular Pharmacology, 1993, 21, 786-790.	0.8	6
93	Functional Tolerance to α-Adrenergic Receptor Blockade in the Spontaneously Hypertensive Rat Highlights the Multifunctional Role of Vascular Angiotensin II in the Development of Hypertension. Journal of Vascular Research, 1995, 32, 247-253.	0.6	6
94	Vascular release of catecholamines. Journal of Pharmacy and Pharmacology, 2011, 31, 266-267.	1.2	6
95	INTERACTIONS BETWEEN 5-HYDROXYTRYPTAMINE, NORADRENALINE AND THE THROMBOXANE-A2MIMETIC U44069 IN THE MARMOSET ISOLATED AORTA. Clinical and Experimental Pharmacology and Physiology, 1994, 21, 201-206.	0.9	5
96	Stimulation of human cheek cell Na+/H+ antiporter activity by saliva and salivary electrolytes: amplification by nigericin. Molecular and Cellular Biochemistry, 1996, 154, 133-141.	1.4	5
97	Where is the radiobiology and pharmacology research to improve outcomes in glioblastoma?. Journal of Neuro-Oncology, 2015, 124, 1-3.	1.4	5
98	HPLC-ECD procedure for the measurement of 0-methylation of catechol estrogens by vascular tissue. Journal of Pharmacological Methods, 1985, 14, 25-39.	0.7	4
99	Human cheek epithelial cell sodium transport activity in essential hypertension. Journal of Hypertension, 1993, 11, S262???S263.	0.3	4
100	The Relationship Between Salivary Growth Factors, Electrolytes and Abnormal Sodium Transport in Human Hypertension. Blood Pressure, 1994, 3, 76-81.	0.7	4
101	Obesity and COVID-19: reninâ€“angiotensin as a mediator of morbidity and mortality. British Journal of Nutrition, 2022, 127, 1439-1440.	1.2	4
102	Non-radiochemical procedure for the measurement of O-methylation of the stereoisomers of isoprenaline. Biomedical Applications, 1984, 310, 283-295.	1.7	3
103	Influence of blood sampling conditions upon histamine concentrations in rat plasma: a study of a complex relationship with plasma epinephrine. Neurochemistry International, 1985, 7, 473-479.	1.9	3
104	Depressed Cheek Cell Sodium Transport in Human Hypertension. Blood Pressure, 1994, 3, 328-335.	0.7	3
105	Dietary n-3 and n-6 polyunsaturated oils and airway contractility. Prostaglandins Leukotrienes and Essential Fatty Acids, 2001, 64, 281-287.	1.0	3
106	Radioenzymatic Determination of the Dopamine, Epinephrine and Norepinephrine Content of the Rabbit Ear Artery. Journal of Vascular Research, 1979, 16, 320-324.	0.6	2
107	GENETIC FACTORS ASSOCIATED WITH ALTERED SODIUM TRANSPORT IN HUMAN HYPERTENSION: A TWIN STUDY. Clinical and Experimental Pharmacology and Physiology, 1997, 24, 424-426.	0.9	2
108	Evidence that 6-hydroxydopamine is an inhibitor of catechol-O-methyltransferase in intact tissue. Journal of Pharmacy and Pharmacology, 2011, 38, 46-50.	1.2	2

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109	Human variation in response to food and nutrients. Nutrition Reviews, 2020, 78, 49-52.	2.6	2
110	Did our pharmacological strategy for COVIDâ€19 fail?. Pharmacology Research and Perspectives, 2021, 9, e00866.	1.1	2
111	ELECTROLYTIC O-DEMETHYLATION OF METHOXYCATECHOLAMINES. The Australian Journal of Experimental Biology and Medical Science, 1976, 54, 35-42.	0.7	1
112	Application of amperometric detection to the analysis of the diffusion and O-methylation of a catecholamine and a catechol steroid across the blood vessel wall. Journal of Pharmacological Methods, 1989, 21, 171-182.	0.7	1
113	Chronic Captopril Treatment Reverses the Enhanced Vascular Concentrations of 3-Methylhistidine in the Spontaneously Hypertensive Rat. Journal of Vascular Research, 1991, 28, 413-419.	0.6	1
114	HUMAN BUCCAL EPITHELIAL CELLS AS A POTENTIAL BIOCHEMICAL PREDICTOR OF ESSENTIAL HYPERTENSION: IDENTIFICATION OF KEY CELLULAR PROCESSES. Clinical and Experimental Pharmacology and Physiology, 1995, 22, 772-774.	0.9	1
115	5â€HYDROXYTRYPTAMINEâ€INDUCED CONTRACTION OF THE MARMOSET AORTA IS MEDIATED BY A 5â€HT₁â€LIKE RECEPTOR. Clinical and Experimental Pharmacology and Physiology, 1998, 25, 246-251.	0.9	1
116	Abstract 4058: DNA damage and tumour burden in mouse colon is increased in response to carcinogen exposure after induction of chronic inflammation - a more disease relevant model of colitis-associated colorectal cancer. , 2016, , .		1
117	DETERMINANTS OF SMOOTH MUSCLE SENSITIVITY. Clinical and Experimental Pharmacology and Physiology, 1989, 16, 441-445.	0.9	0
118	3-methylhistidine (3MH) â€" a marker for vascular changes in the spontaneously hypertensive rat (SHR). European Journal of Pharmacology, 1990, 183, 2067-2068.	1.7	0
119	Dietary fish oils and vascular neuroeffector function. European Journal of Pharmacology, 1990, 183, 1331-1332.	1.7	0
120	Critical insights to COVIDâ€19 disease and potential treatments using a systems analysis approach that integrates physiology, pharmacology, and clinical pharmacology. Pharmacology Research and Perspectives, 2022, 10, e00918.	1.1	0