Claire L Shovlin

List of Publications by Year
in descending order

105	7,007	94381 37	60583 81
papers	citations	h-index	g-index

112	112	112	3544
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Diagnostic criteria for hereditary hemorrhagic telangiectasia (Rendu-Osler-Weber syndrome). American Journal of Medical Genetics Part A, 2000, 91, 66-67.	2.4	1,391
2	Hereditary haemorrhagic telangiectasia: Pathophysiology, diagnosis and treatment. Blood Reviews, 2010, 24, 203-219.	2.8	415
3	Hereditary haemorrhagic telangiectasia: a clinical and scientific review. European Journal of Human Genetics, 2009, 17, 860-871.	1.4	413
4	Rare diseases bullet 4: Hereditary haemorrhagic telangiectasia and pulmonary arteriovenous malformations: issues in clinical management and review of pathogenic mechanisms. Thorax, 1999, 54, 714-729.	2.7	332
5	A new locus for hereditary haemorrhagic telangiectasia (HHT3) maps to chromosome 5. Journal of Medical Genetics, 2005, 42, 577-582.	1.5	280
6	Hereditary haemorrhagic telangiectasia (Osler-Weber-Rendu syndrome): a view from the 21st century. Postgraduate Medical Journal, 2003, 79, 18-24.	0.9	277
7	Primary determinants of ischaemic stroke/brain abscess risks are independent of severity of pulmonary arteriovenous malformations in hereditary haemorrhagic telangiectasia. Thorax, 2008, 63, 259-266.	2.7	274
8	Second International Guidelines for the Diagnosis and Management of Hereditary Hemorrhagic Telangiectasia. Annals of Internal Medicine, 2020, 173, 989-1001.	2.0	244
9	A gene for hereditary haemorrhagic telangiectasia maps to chromosome 9q3. Nature Genetics, 1994, 6, 205-209.	9.4	202
10	Managing passengers with stable respiratory disease planning air travel: British Thoracic Society recommendations. Thorax, 2011, 66, i1-i30.	2.7	182
11	Pulmonary Arteriovenous Malformations. American Journal of Respiratory and Critical Care Medicine, 2014, 190, 1217-1228.	2.5	172
12	Characterization of Endoglin and Identification of Novel Mutations in Hereditary Hemorrhagic Telangiectasia. American Journal of Human Genetics, 1997, 61, 68-79.	2.6	158
13	Estimates of maternal risks of pregnancy for women with hereditary haemorrhagic telangiectasia (Oslerâ€“Weberâ€“Rendu syndrome): suggested approach for obstetric services. BJOG: an International Journal of Obstetrics and Gynaecology, 2008, 115, 1108-1115.	1.1	140
14	Pulmonary Arteriovenous Malformations: Effect of Embolization on Right-to-Left Shunt, Hypoxemia, and Exercise Tolerance in 66 Patients. American Journal of Roentgenology, 2002, 179, 347-355.	1.0	113
15	Low serum iron levels are associated with elevated plasma levels of coagulation factor VIII and pulmonary emboli/deep venous thromboses in replicate cohorts of patients with hereditary haemorrhagic telangiectasia. Thorax, 2012, 67, 328-333.	2.7	96
16	British Thoracic Society Clinical Statement on Pulmonary Arteriovenous Malformations. Thorax, 2017, 72, 1154-1163.	2.7	94
17	Elevated factor VIII in hereditary haemorrhagic telangiectasia (HHT): Association with venous thromboembolism. Thrombosis and Haemostasis, 2007, 98, 1031-1039.	1.8	82
18	Embolization of pulmonary arteriovenous malformations using the Amplatzer vascular plug: successful treatment of 69 consecutive patients. European Radiology, 2010, 20, 2663-2670.	2.3	82

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19	A hereditary haemorrhagic telangiectasia family with pulmonary involvement is unlinked to the known HHT genes, endoglin and ALK-1. Thorax, 2000, 55, 685-690.	2.7	80
20	Ischaemic Strokes in Patients with Pulmonary Arteriovenous Malformations and Hereditary Hemorrhagic Telangiectasia: Associations with Iron Deficiency and Platelets. PLoS ONE, 2014, 9, e88812.	1.1	78
21	Medical complications of pregnancy in hereditary haemorrhagic telangiectasia. QJM - Monthly Journal of the Association of Physicians, 1995, 88, 879-87.	0.2	77
22	Safety of thalidomide and bevacizumab in patients with hereditary hemorrhagic telangiectasia. Orphanet Journal of Rare Diseases, 2019, 14, 28.	1.2	75
23	Should asymptomatic patients with hereditary haemorrhagic telangiectasia (HHT) be screened for cerebral vascular malformations? Data from 22 061 years of HHT patient life. Journal of Neurology, Neurosurgery and Psychiatry, 2003, 74, 743-748.	0.9	74
24	European Reference Network For Rare Vascular Diseases (VASCERN) Outcome Measures For Hereditary Haemorrhagic Telangiectasia (HHT). Orphanet Journal of Rare Diseases, 2018, 13, 136.	1.2	74
25	Antiplatelet and Anticoagulant Agents in Hereditary Hemorrhagic Telangiectasia. New England Journal of Medicine, 2013, 368, 876-878.	13.9	72
26	Adult presentation of adenosine deaminase deficiency. Lancet, The, 1993, 341, 1471.	6.3	64
27	Embolisation of pulmonary arteriovenous malformations: no consistent effect on pulmonary artery pressure. European Respiratory Journal, 2008, 32, 162-169.	3.1	62
28	Salbutamol nebuliser and precipitation of critical cardiac ischaemia. Lancet, The, 1990, 336, 1258.	6.3	61
29	Adult onset immunodeficiency caused by inherited adenosine deaminase deficiency. Journal of Immunology, 1994, 153, 2331-9.	0.4	58
30	Cerebral Abscess Associated With Odontogenic Bacteremias, Hypoxemia, and Iron Loading in Immunocompetent Patients With Right-to-Left Shunting Through Pulmonary Arteriovenous Malformations. Clinical Infectious Diseases, 2017, 65, 595-603.	2.9	55
31	The Lung in Hereditary Hemorrhagic Telangiectasia. Respiration, 2017, 94, 315-330.	1.2	55
32	Pulmonary arteriovenous malformations and their mimics. Clinical Radiology, 2015, 70, 96-110.	0.5	52
33	Lifestyle and Dietary Influences on Nosebleed Severity in Hereditary Hemorrhagic Telangiectasia. Laryngoscope, 2013, 123, 1092-1099.	1.1	50
34	Molecular Defects in Rare Bleeding Disorders: Hereditary Haemorrhagic Telangiectasia. Thrombosis and Haemostasis, 1997, 78, 145-150.	1.8	46
35	Endothelial Cell Processing and Alternatively Spliced Transcripts of Factor VIII: Potential Implications for Coagulation Cascades and Pulmonary Hypertension. PLoS ONE, 2010, 5, e9154.	1.1	44
36	Arterial Oxygen Content Is Precisely Maintained by Graded Erythrocytotic Responses in Settings of High/Normal Serum Iron Levels, and Predicts Exercise Capacity: An Observational Study of Hypoxaemic Patients with Pulmonary Arteriovenous Malformations. PLoS ONE, 2014, 9, e90777.	1.1	44

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37	Hemorrhage-Adjusted Iron Requirements, Hematinics and Hepcidin Define Hereditary Hemorrhagic Telangiectasia as a Model of Hemorrhagic Iron Deficiency. PLoS ONE, 2013, 8, e76516.	1.1	41
38	Mutational and phenotypic characterization of hereditary hemorrhagic telangiectasia. Blood, 2020, 136, 1907-1918.	0.6	40
39	Low Dose Iron Treatments Induce a DNA Damage Response in Human Endothelial Cells within Minutes. PLoS ONE, 2016, 11, e0147990.	1.1	39
40	Post-NICE 2008: antibiotic prophylaxis prior to dental procedures for patients with pulmonary arteriovenous malformations (PAVMs) and hereditary haemorrhagic telangiectasia. British Dental Journal, 2008, 205, 531-533.	0.3	38
41	Elevated factor VIII in hereditary haemorrhagic telangiectasia (HHT): association with venous thromboembolism. Thrombosis and Haemostasis, 2007, 98, 1031-9.	1.8	37
42	Orthodeoxia and postural orthostatic tachycardia in patients with pulmonary arteriovenous malformations: a prospective 8-year series. Thorax, 2014, 69, 1046-1047.	2.7	33
43	Safety of direct oral anticoagulants in patients with hereditary hemorrhagic telangiectasia. Orphanet Journal of Rare Diseases, 2019, 14, 210.	1.2	33
44	Identification and validation of a novel pathogenic variant in <scp>GDF2</scp> (<scp>BMP9</scp>) responsible for hereditary hemorrhagic telangiectasia and pulmonary arteriovenous malformations. American Journal of Medical Genetics, Part A, 2022, 188, 959-964.	0.7	32
45	Specific cancer rates may differ in patients with hereditary haemorrhagic telangiectasia compared to controls. Orphanet Journal of Rare Diseases, 2013, 8, 195.	1.2	29
46	Relationships between epistaxis, migraines, and triggers in hereditary hemorrhagic telangiectasia. Laryngoscope, 2014, 124, 1521-1528.	1.1	28
47	European Reference Network for Rare Vascular Diseases (VASCERN) position statement on cerebral screening in adults and children with hereditary haemorrhagic telangiectasia (HHT). Orphanet Journal of Rare Diseases, 2020, 15, 165.	1.2	28
48	The European Rare Disease Network for HHT Frameworks for management of hereditary haemorrhagic telangiectasia in general and speciality care. European Journal of Medical Genetics, 2022, 65, 104370.	0.7	28
49	Cardiopulmonary Exercise Testing Demonstrates Maintenance of Exercise Capacity in Patients With Hypoxemia and Pulmonary Arteriovenous Malformations. Chest, 2014, 146, 709-718.	0.4	24
50	Inherited Diseases of the Vasculature. Annual Review of Physiology, 1996, 58, 483-507.	5.6	23
51	Circulatory contributors to the phenotype in hereditary hemorrhagic telangiectasia. Frontiers in Genetics, 2015, 06, 101.	1.1	22
52	Management of pulmonary arteriovenous malformations in pulmonary hypertensive patients: a pressure to embolise?. European Respiratory Review, 2009, 18, 4-6.	3.0	19
53	Can Iron Treatments Aggravate Epistaxis in Some Patients With Hereditary Hemorrhagic Telangiectasia?. Laryngoscope, 2016, 126, 2468-2474.	1.1	18
54	Reported cardiac phenotypes in hereditary hemorrhagic telangiectasia emphasize burdens from arrhythmias, anemia and its treatments, but suggest reduced rates of myocardial infarction. International Journal of Cardiology, 2016, 215, 179-185.	0.8	17

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55	Implications for COVID-19 triage from the ICNARC report of 2204 COVID-19 cases managed in UK adult intensive care units. Emergency Medicine Journal, 2020, 37, 332-333.	0.4	17
56	Ischemic Stroke and Pulmonary Arteriovenous Malformations. Neurology, 2022, 98, 188-198.	1.5	16
57	Fine mapping of the hereditary haemorrhagic telangiectasia (HHT)3 locus on chromosome 5 excludes VE-Cadherin-2, Sprouty4 and other interval genes. Journal of Angiogenesis Research, 2010, 2, 15.	2.9	15
58	Hemoglobin Is a Vital Determinant of Arterial Oxygen Content in Hypoxemic Patients with Pulmonary Arteriovenous Malformations. Annals of the American Thoracic Society, 2017, 14, 903-911.	1.5	15
59	Low serum haptoglobin and blood films suggest intravascular hemolysis contributes to severe anemia in hereditary hemorrhagic telangiectasia. Haematologica, 2019, 104, e127-e130.	1.7	14
60	Supermodels and disease: insights from the HHT mice. Journal of Clinical Investigation, 1999, 104, 1335-1336.	3.9	14
61	A gene for primary pulmonary hypertension. Lancet, The, 2000, 356, 1207-1208.	6.3	13
62	Directional Next-Generation RNA Sequencing and Examination of Premature Termination Codon Mutations in Endoglin/Hereditary Haemorrhagic Telangiectasia. Molecular Syndromology, 2013, 4, 184-196.	0.3	13
63	Ischemic Stroke in Patients With Pulmonary Arteriovenous Fistulas. Stroke, 2021, 52, e311-e315.	1.0	13
64	Pulmonary Thromboemboli Modifying the Natural History of Pulmonary Arteriovenous Malformations. American Journal of Respiratory and Critical Care Medicine, 2011, 183, 828-829.	2.5	12
65	Prevention of serious infections in hereditary hemorrhagic telangiectasia: roles for prophylactic antibiotics, the pulmonary capillaries-but not vaccination. Haematologica, 2019, 104, e85-e86.	1.7	11
66	Vascular inflammation and endothelial injury in SARS-CoV-2 infection: the overlooked regulatory cascades implicated by the ACE2 gene cluster. QJM - Monthly Journal of the Association of Physicians, 2020, , .	0.2	11
67	Increase in COVID-19 inpatient survival following detection of Thromboembolic and Cytokine storm risk from the point of admission to hospital by a near real time Traffic-light System (TraCe-Tic). Brazilian Journal of Infectious Diseases, 2020, 24, 412-421.	0.3	11
68	DNA variant classificationâ€“reconsidering â€œallele rarityâ€•and â€œphenotypeâ€•criteria in ACMG/AMP guidelines. European Journal of Medical Genetics, 2021, 64, 104312.	0.7	11
69	Pulmonary Arteriovenous Malformations and Other Vascular Abnormalities. , 2010, , 1261-1282.		11
70	Pulmonary arteriovenous malformations: evidence of physician under-education. ERJ Open Research, 2017, 3, 00104-2016.	1.1	11
71	Hypoxaemia, sport and polycythaemia: a case from Imperial College London. Thorax, 2015, 70, 601-603.	2.7	10
72	Development and implementation of a COVID-19 near real-time traffic light system in an acute hospital setting. Emergency Medicine Journal, 2020, 37, 630-636.	0.4	10

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73	Low grade mosaicism in hereditary haemorrhagic telangiectasia identified by bidirectional whole genome sequencing reads through the 100,000 Genomes Project clinical diagnostic pipeline. Journal of Medical Genetics, 2020, 57, 859-862.	1.5	10
74	Molecular defects in rare bleeding disorders: hereditary haemorrhagic telangiectasia. Thrombosis and Haemostasis, 1997, 78, 145-50.	1.8	10
75	Flight-related complications are infrequent in patients with hereditary haemorrhagic telangiectasia/pulmonary arteriovenous malformations, despite low oxygen saturations and anaemia: Figure 1. Thorax, 2012, 67, 80-81.	2.7	9
76	Injections of Intravenous Contrast for Computerized Tomography Scans Precipitate Migraines in Hereditary Hemorrhagic Telangiectasia Subjects at Risk of Paradoxical Emboli: Implications for Rightâ€toâ€Left Shunt Risks. Headache, 2016, 56, 1659-1663.	1.8	9
77	Long-term outcomes of patients with pulmonary arteriovenous malformations considered for lung transplantation, compared with similarly hypoxaemic cohorts. BMJ Open Respiratory Research, 2017, 4, e000198.	1.2	9
78	Uptake and radiological findings of screening cerebral magnetic resonance scans in patients with hereditary haemorrhagic telangiectasia. Intractable and Rare Diseases Research, 2018, 7, 236-244.	0.3	9
79	Whole genome sequences discriminate hereditary hemorrhagic telangiectasia phenotypes by non-HHT deleterious DNA variation. Blood Advances, 2022, 6, 3956-3969.	2.5	9
80	Embolisation of PAVMs reported to improve nosebleeds by a subgroup of patients with hereditary haemorrhagic telangiectasia. ERJ Open Research, 2016, 2, 00035-2016.	1.1	8
81	Transpleural systemic artery-to-pulmonary artery communications in the absence of chronic inflammatory lung disease. A case series and review of the literature. Clinical Radiology, 2021, 76, 711.e9-711.e15.	0.5	8
82	Pulmonary arteriovenous malformations may be the only clinical criterion present in genetically confirmed hereditary haemorrhagic telangiectasia. Thorax, 2022, 77, 628-630.	2.7	8
83	Pulmonary arteriovenous malformations emerge from the shadows. Thorax, 2017, 72, 1071-1073.	2.7	7
84	Dietary supplement use and nosebleeds in hereditary haemorrhagic telangiectasia â€' an observational study. Intractable and Rare Diseases Research, 2016, 5, 109-113.	0.3	7
85	Alveolar macrophage activity and the pulmonary complications of haematopoietic stem cell transplantation. Thorax, 2001, 56, 941-946.	2.7	6
86	Acquired Transpleural Systemic Artery-to-Pulmonary Artery Communication Mimicking a Pulmonary Arteriovenous Malformation and Causing a False-Positive Diagnosis of a Pulmonary Embolus. Journal of Vascular and Interventional Radiology, 2018, 29, 1313-1315.	0.2	6
87	Exercise capacity reflects airflow limitation rather than hypoxaemia in patients with pulmonary arteriovenous malformations. QJM - Monthly Journal of the Association of Physicians, 2019, 112, 335-342.	0.2	6
88	Veterans Specific Activity Questionnaire (VSAQ): a new and efficient method of assessing exercise capacity in patients with pulmonary arteriovenous malformations. BMJ Open Respiratory Research, 2019, 6, e000351.	1.2	5
89	Glaxo/MRS Young Investigator Medal: Molecular Studies on Adenosine Deaminase Deficiency and Hereditary Haemorrhagic Telangiectasia. Clinical Science, 1998, 94, 207-218.	1.8	4
90	Iron deficiency, ischaemic strokes, and right-to-left shunts: From pulmonary arteriovenous malformations to patent foramen ovale?. Intractable and Rare Diseases Research, 2014, 3, 60-64.	0.3	4

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91	Top dietary iron sources in the UK. British Journal of General Practice, 2014, 64, 172.2-173.	0.7	4
92	7-day weighed food diaries suggest patients with hereditary hemorrhagic telangiectasia may spontaneously modify their diet to avoid nosebleed precipitants. Orphanet Journal of Rare Diseases, 2017, 12, 60.	1.2	4
93	Pulmonary Disease and Cor Pulmonale. , 0, , 151-172.		4
94	Streamlined Procedures for Screening a P1 Library. BioTechniques, 1996, 21, 388-390.	0.8	3
95	Genetic Aspects of Cerebrovascular Malformations. Interventional Neuroradiology, 2000, 6, 107-111.	0.7	3
96	Patients with in-situ metallic coils and Amplatzer vascular plugs used to treat pulmonary arteriovenous malformations since 1984 can safely undergo magnetic resonance imaging. British Journal of Radiology, 2019, 92, 20180752.	1.0	3
97	Diagnostic criteria for hereditary hemorrhagic telangiectasia (Rendu-Osler-Weber syndrome). , 2000, 91, 66.		3
98	Reply to Bianca et al. European Journal of Human Genetics, 2010, 18, 405-406.	1.4	2
99	Cancer and hereditary haemorrhagic telangiectasia. Journal of Cancer Research and Clinical Oncology, 2017, 143, 369-370.	1.2	2
100	Hereditary Haemorrhagic Telangiectasia. , 2010, , 167-188.		2
101	Reply to FernÃ¡ndez-FernÃ¡ndez. European Journal of Human Genetics, 2010, 18, 404-405.	1.4	0
102	Curable hypoxia in an octogenarian with an undiagnosed inherited condition: a case commentary. Breathe, 2014, 10, 153-156.	0.6	0
103	Pulmonary Vascular Abnormalities. , 2016, , 1081-1095.e14.		0
104	Pulmonary Arteriovenous Malformations. , 2022, , 774-787.		0
105	2 Pulmonary arteriovenous malformations. , 2011, , 680-693.		0