Claire L Shovlin

List of Publications by Year
in descending order

105	7,007	94433 37	60623 81
papers	citations	h-index	g-index

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

#	Article	IF	Citations
1	Pulmonary Arteriovenous Malformations. , 2022, , 774-787.		0
2	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.	1.3	28
3	Pulmonary arteriovenous malformations may be the only clinical criterion present in genetically confirmed hereditary haemorrhagic telangiectasia. Thorax, 2022, 77, 628-630.	5.6	8
4	Whole genome sequences discriminate hereditary hemorrhagic telangiectasia phenotypes by non-HHT deleterious DNA variation. Blood Advances, 2022, 6, 3956-3969.	5.2	9
5	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.	1.2	32
6	Ischemic Stroke and Pulmonary Arteriovenous Malformations. Neurology, 2022, 98, 188-198.	1.1	16
7	Ischemic Stroke in Patients With Pulmonary Arteriovenous Fistulas. Stroke, 2021, 52, e311-e315.	2.0	13
8	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.	1.1	8
9	DNA variant classificationâ€“reconsidering â€œallele rarityâ€•and â€œphenotypeâ€•criteria in ACMG/AMP guidelines. European Journal of Medical Genetics, 2021, 64, 104312.	1.3	11
10	Second International Guidelines for the Diagnosis and Management of Hereditary Hemorrhagic Telangiectasia. Annals of Internal Medicine, 2020, 173, 989-1001.	3.9	244
11	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, , .	0.5	11
12	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.	1.0	10
13	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.	0.6	11
14	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.	1.0	17
15	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.	2.7	28
16	Mutational and phenotypic characterization of hereditary hemorrhagic telangiectasia. Blood, 2020, 136, 1907-1918.	1.4	40
17	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.	3.2	10
18	Safety of direct oral anticoagulants in patients with hereditary hemorrhagic telangiectasia. Orphanet Journal of Rare Diseases, 2019, 14, 210.	2.7	33

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19	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.	0.5	6
20	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.	2.2	3
21	Prevention of serious infections in hereditary hemorrhagic telangiectasia: roles for prophylactic antibiotics, the pulmonary capillaries-but not vaccination. Haematologica, 2019, 104, e85-e86.	3.5	11
22	Safety of thalidomide and bevacizumab in patients with hereditary hemorrhagic telangiectasia. Orphanet Journal of Rare Diseases, 2019, 14, 28.	2.7	75
23	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.	3.0	5
24	Low serum haptoglobin and blood films suggest intravascular hemolysis contributes to severe anemia in hereditary hemorrhagic telangiectasia. Haematologica, 2019, 104, e127-e130.	3.5	14
25	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.	0.9	9
26	European Reference Network For Rare Vascular Diseases (VASCERN) Outcome Measures For Hereditary Haemorrhagic Telangiectasia (HHT). Orphanet Journal of Rare Diseases, 2018, 13, 136.	2.7	74
27	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.	0.5	6
28	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.	5.8	55
29	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.	3.2	15
30	The Lung in Hereditary Hemorrhagic Telangiectasia. Respiration, 2017, 94, 315-330.	2.6	55
31	British Thoracic Society Clinical Statement on Pulmonary Arteriovenous Malformations. Thorax, 2017, 72, 1154-1163.	5.6	94
32	Pulmonary arteriovenous malformations emerge from the shadows. Thorax, 2017, 72, 1071-1073.	5.6	7
33	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.	2.7	4
34	Cancer and hereditary haemorrhagic telangiectasia. Journal of Cancer Research and Clinical Oncology, 2017, 143, 369-370.	2.5	2
35	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.	3.0	9
36	Pulmonary arteriovenous malformations: evidence of physician under-education. ERJ Open Research, 2017, 3, 00104-2016.	2.6	11

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37	Low Dose Iron Treatments Induce a DNA Damage Response in Human Endothelial Cells within Minutes. PLoS ONE, 2016, 11, e0147990.	2.5	39
38	Embolisation of PAVMs reported to improve nosebleeds by a subgroup of patients with hereditary haemorrhagic telangiectasia. ERJ Open Research, 2016, 2, 00035-2016.	2.6	8
39	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.	3.9	9
40	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.	1.7	17
41	Can Iron Treatments Aggravate Epistaxis in Some Patients With Hereditary Hemorrhagic Telangiectasia?. Laryngoscope, 2016, 126, 2468-2474.	2.0	18
42	Pulmonary Vascular Abnormalities. , 2016, , 1081-1095.e14.		0
43	Dietary supplement use and nosebleeds in hereditary haemorrhagic telangiectasia â€' an observational study. Intractable and Rare Diseases Research, 2016, 5, 109-113.	0.9	7
44	Circulatory contributors to the phenotype in hereditary hemorrhagic telangiectasia. Frontiers in Genetics, 2015, 06, 101.	2.3	22
45	Hypoxaemia, sport and polycythaemia: a case from Imperial College London. Thorax, 2015, 70, 601-603.	5.6	10
46	Pulmonary arteriovenous malformations and their mimics. Clinical Radiology, 2015, 70, 96-110.	1.1	52
47	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.	2.5	44
48	Orthodeoxia and postural orthostatic tachycardia in patients with pulmonary arteriovenous malformations: a prospective 8-year series. Thorax, 2014, 69, 1046-1047.	5.6	33
49	Relationships between epistaxis, migraines, and triggers in hereditary hemorrhagic telangiectasia. Laryngoscope, 2014, 124, 1521-1528.	2.0	28
50	Pulmonary Arteriovenous Malformations. American Journal of Respiratory and Critical Care Medicine, 2014, 190, 1217-1228.	5.6	172
51	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.	0.9	4
52	Top dietary iron sources in the UK. British Journal of General Practice, 2014, 64, 172.2-173.	1.4	4
53	Curable hypoxia in an octogenarian with an undiagnosed inherited condition: a case commentary. Breathe, 2014, 10, 153-156.	1.3	0
54	Cardiopulmonary Exercise Testing Demonstrates Maintenance of Exercise Capacity in Patients With Hypoxemia and Pulmonary Arteriovenous Malformations. Chest, 2014, 146, 709-718.	0.8	24

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55	Ischaemic Strokes in Patients with Pulmonary Arteriovenous Malformations and Hereditary Hemorrhagic Telangiectasia: Associations with Iron Deficiency and Platelets. PLoS ONE, 2014, 9, e88812.	2.5	78
56	Specific cancer rates may differ in patients with hereditary haemorrhagic telangiectasia compared to controls. Orphanet Journal of Rare Diseases, 2013, 8, 195.	2.7	29
57	Antiplatelet and Anticoagulant Agents in Hereditary Hemorrhagic Telangiectasia. New England Journal of Medicine, 2013, 368, 876-878.	27.0	72
58	Lifestyle and Dietary Influences on Nosebleed Severity in Hereditary Hemorrhagic Telangiectasia. Laryngoscope, 2013, 123, 1092-1099.	2.0	50
59	Directional Next-Generation RNA Sequencing and Examination of Premature Termination Codon Mutations in Endoglin/Hereditary Haemorrhagic Telangiectasia. Molecular Syndromology, 2013, 4, 184-196.	0.8	13
60	Hemorrhage-Adjusted Iron Requirements, Hematinics and Hepcidin Define Hereditary Hemorrhagic Telangiectasia as a Model of Hemorrhagic Iron Deficiency. PLoS ONE, 2013, 8, e76516.	2.5	41
61	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.	5.6	9
62	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.	5.6	96
63	Pulmonary Thromboemboli Modifying the Natural History of Pulmonary Arteriovenous Malformations. American Journal of Respiratory and Critical Care Medicine, 2011, 183, 828-829.	5.6	12
64	Managing passengers with stable respiratory disease planning air travel: British Thoracic Society recommendations. Thorax, 2011, 66, i1-i30.	5.6	182
65	2 Pulmonary arteriovenous malformations. , 2011, , 680-693.		0
66	Embolization of pulmonary arteriovenous malformations using the Amplatzer vascular plug: successful treatment of 69 consecutive patients. European Radiology, 2010, 20, 2663-2670.	4.5	82
67	Hereditary haemorrhagic telangiectasia: Pathophysiology, diagnosis and treatment. Blood Reviews, 2010, 24, 203-219.	5.7	415
68	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
69	Reply to FernÃ¡ndez-FernÃ¡ndez. European Journal of Human Genetics, 2010, 18, 404-405.	2.8	0
70	Reply to Bianca et al. European Journal of Human Genetics, 2010, 18, 405-406.	2.8	2
71	Endothelial Cell Processing and Alternatively Spliced Transcripts of Factor VIII: Potential Implications for Coagulation Cascades and Pulmonary Hypertension. PLoS ONE, 2010, 5, e9154.	2.5	44
72	Hereditary Haemorrhagic Telangiectasia. , 2010, , 167-188.		2

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73	Pulmonary Arteriovenous Malformations and Other Vascular Abnormalities. , 2010, , 1261-1282.		11
74	Management of pulmonary arteriovenous malformations in pulmonary hypertensive patients: a pressure to embolise?. European Respiratory Review, 2009, 18, 4-6.	7.1	19
75	Hereditary haemorrhagic telangiectasia: a clinical and scientific review. European Journal of Human Genetics, 2009, 17, 860-871.	2.8	413
76	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.	2.3	140
77	Embolisation of pulmonary arteriovenous malformations: no consistent effect on pulmonary artery pressure. European Respiratory Journal, 2008, 32, 162-169.	6.7	62
78	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.	5.6	274
79	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.	0.6	38
80	Elevated factor VIII in hereditary haemorrhagic telangiectasia (HHT): Association with venous thromboembolism. Thrombosis and Haemostasis, 2007, 98, 1031-1039.	3.4	82
81	Elevated factor VIII in hereditary haemorrhagic telangiectasia (HHT): association with venous thromboembolism. Thrombosis and Haemostasis, 2007, 98, 1031-9.	3.4	37
82	A new locus for hereditary haemorrhagic telangiectasia (HHT3) maps to chromosome 5. Journal of Medical Genetics, 2005, 42, 577-582.	3.2	280
83	Hereditary haemorrhagic telangiectasia (Osler-Weber-Rendu syndrome): a view from the 21st century. Postgraduate Medical Journal, 2003, 79, 18-24.	1.8	277
84	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.	1.9	74
85	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.	2.2	113
86	Alveolar macrophage activity and the pulmonary complications of haematopoietic stem cell transplantation. Thorax, 2001, 56, 941-946.	5.6	6
87	Genetic Aspects of Cerebrovascular Malformations. Interventional Neuroradiology, 2000, 6, 107-111.	1.1	3
88	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
89	A hereditary haemorrhagic telangiectasia family with pulmonary involvement is unlinked to the known HHT genes, endoglin and ALK-1. Thorax, 2000, 55, 685-690.	5.6	80
90	A gene for primary pulmonary hypertension. Lancet, The, 2000, 356, 1207-1208.	13.7	13

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91	Diagnostic criteria for hereditary hemorrhagic telangiectasia (Rendu-Osler-Weber syndrome). , 2000, 91, 66.		3
92	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.	5.6	332
93	Supermodels and disease: insights from the HHT mice. Journal of Clinical Investigation, 1999, 104, 1335-1336.	8.2	14
94	Glaxo/MRS Young Investigator Medal: Molecular Studies on Adenosine Deaminase Deficiency and Hereditary Haemorrhagic Telangiectasia. Clinical Science, 1998, 94, 207-218.	4.3	4
95	Characterization of Endoglin and Identification of Novel Mutations in Hereditary Hemorrhagic Telangiectasia. American Journal of Human Genetics, 1997, 61, 68-79.	6.2	158
96	Molecular Defects in Rare Bleeding Disorders: Hereditary Haemorrhagic Telangiectasia. Thrombosis and Haemostasis, 1997, 78, 145-150.	3.4	46
97	Molecular defects in rare bleeding disorders: hereditary haemorrhagic telangiectasia. Thrombosis and Haemostasis, 1997, 78, 145-50.	3.4	10
98	Streamlined Procedures for Screening a P1 Library. BioTechniques, 1996, 21, 388-390.	1.8	3
99	Inherited Diseases of the Vasculature. Annual Review of Physiology, 1996, 58, 483-507.	13.1	23
100	Medical complications of pregnancy in hereditary haemorrhagic telangiectasia. QJM - Monthly Journal of the Association of Physicians, 1995, 88, 879-87.	0.5	77
101	A gene for hereditary haemorrhagic telangiectasia maps to chromosome 9q3. Nature Genetics, 1994, 6, 205-209.	21.4	202
102	Adult onset immunodeficiency caused by inherited adenosine deaminase deficiency. Journal of Immunology, 1994, 153, 2331-9.	0.8	58
103	Adult presentation of adenosine deaminase deficiency. Lancet, The, 1993, 341, 1471.	13.7	64
104	Salbutamol nebuliser and precipitation of critical cardiac ischaemia. Lancet, The, 1990, 336, 1258.	13.7	61
105	Pulmonary Disease and Cor Pulmonale. , 0, , 151-172.		4