

Guillaume Goudot

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

1,290
citations

430754

18
h-index

377752

34
g-index

65
all docs

65
docs citations

65
times ranked

2373
citing authors

#	ARTICLE	IF	CITATIONS
1	Smart Ultrasound Device for Non-Invasive Real-Time Myocardial Stiffness Quantification of the Human Heart. <i>IEEE Transactions on Biomedical Engineering</i> , 2022, 69, 42-52.	2.5	12
2	Carotid Plaque Vulnerability Assessed by Combined Shear Wave Elastography and Ultrafast Doppler Compared to Histology. <i>Translational Stroke Research</i> , 2022, 13, 100-111.	2.3	8
3	Is Bicuspid Aortic Valve Morphology Genetically Determined? A Family-Based Study. <i>American Journal of Cardiology</i> , 2022, 163, 85-90.	0.7	5
4	Women Specific Characteristics and 1-Year Outcome Among Patients Hospitalized for Peripheral Artery Disease: A Monocentric Cohort Analysis in a Tertiary Center. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 824466.	1.1	6
5	Adjusting D-dimer to Lung Disease Extent to Exclude Pulmonary Embolism in COVID-19 Patients (Co-LEAD). <i>Thrombosis and Haemostasis</i> , 2022, 122, 1888-1898.	1.8	5
6	Wall Shear Stress Measurement by Ultrafast Vector Flow Imaging for Atherosclerotic Carotid Stenosis. <i>Ultraschall in Der Medizin</i> , 2021, 42, 297-305.	0.8	29
7	Noninvasive ultrafast ultrasound for imaging the coronary vasculature and assessing the arterial wall's biomechanics. , 2021, , 517-528.		0
8	Multiple peripheral arterial pseudoaneurysms associated with vascular tuberculosis. <i>JMV-Journal De Medecine Vasculaire</i> , 2021, 46, 35-41.	0.1	0
9	Prevalence and characteristics of pulmonary embolism in 1042 COVID-19 patients with respiratory symptoms: A nested case-control study. <i>Thrombosis Research</i> , 2021, 197, 94-99.	0.8	47
10	Multidimensional Proteomic Approach of Endothelial Progenitors Demonstrate Expression of KDR Restricted to CD19 Cells. <i>Stem Cell Reviews and Reports</i> , 2021, 17, 639-651.	1.7	18
11	Anticoagulation Before Hospitalization Is a Potential Protective Factor for COVID-19: Insight From a French Multicenter Cohort Study. <i>Journal of the American Heart Association</i> , 2021, 10, e018624.	1.6	47
12	Ergotism with acute limb ischemia, provoked by HIV protease inhibitors interaction with ergotamine, rescued by multisite transluminal balloon angioplasty. <i>JMV-Journal De Medecine Vasculaire</i> , 2021, 46, 13-21.	0.1	5
13	D-dimer at hospital admission for COVID-19 are associated with in-hospital mortality, independent of venous thromboembolism: Insights from a French multicenter cohort study. <i>Archives of Cardiovascular Diseases</i> , 2021, 114, 381-393.	0.7	31
14	Feasibility and Performance of Noninvasive Ultrasound Therapy in Patients With Severe Symptomatic Aortic Valve Stenosis. <i>Circulation</i> , 2021, 143, 968-970.	1.6	20
15	Placental growth factor level in plasma predicts COVID-19 severity and in-hospital mortality. <i>Journal of Thrombosis and Haemostasis</i> , 2021, 19, 1823-1830.	1.9	28
16	BICUSPID AORTIC VALVE MORPHOLOGY IS HETEROGENOUS AMONG FIRST-DEGREE RELATIVES - A FAMILY-BASED STUDY. <i>Journal of the American College of Cardiology</i> , 2021, 77, 1757.	1.2	0
17	Von Willebrand factor multimers during non-invasive ultrasound therapy for aortic valve stenosis. <i>Angiogenesis</i> , 2021, 24, 715-717.	3.7	2
18	Dealiasing High-Frame-Rate Color Doppler Using Dual-Wavelength Processing. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2021, 68, 2117-2128.	1.7	11

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19	Lupus Anticoagulant Single Positivity During the Acute Phase of COVID-19 Is Not Associated With Venous Thromboembolism or In-Hospital Mortality. <i>Arthritis and Rheumatology</i> , 2021, 73, 1976-1985.	2.9	21
20	Thrombus of the Aorta and SARS-CoV-2 Infection: Cause or Trigger?. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 700292.	1.1	4
21	Circulating Von Willebrand factor and high molecular weight multimers as markers of endothelial injury predict COVID-19 in-hospital mortality. <i>Angiogenesis</i> , 2021, 24, 505-517.	3.7	105
22	Intermediate- vs. Standard-Dose Prophylactic Anticoagulation in Patients With COVID-19 Admitted in Medical Ward: A Propensity Score-Matched Cohort Study. <i>Frontiers in Medicine</i> , 2021, 8, 747527.	1.2	13
23	Bicuspid Aortic Valve: Genetic and Clinical Insights. <i>Aorta</i> , 2021, 09, 139-146.	0.1	8
24	Feasibility and safety of non-invasive ultrasound therapy (NIUT) on an porcine aortic valve. <i>Physics in Medicine and Biology</i> , 2020, 65, 215004.	1.6	9
25	Acute Digital Ischemia After Arterial Injection of Crushed Zolpidem Tablets: Role of Microcrystalline Cellulose? A Case Report. <i>Frontiers in Pharmacology</i> , 2020, 11, 560382.	1.6	3
26	Management of carotid stenosis for primary and secondary prevention of stroke: state-of-the-art 2020: a critical review. <i>European Heart Journal Supplements</i> , 2020, 22, M35-M42.	0.0	43
27	Predictive Factor for COVID-19 Worsening: Insights for High-Sensitivity Troponin and D-Dimer and Correlation With Right Ventricular Afterload. <i>Frontiers in Medicine</i> , 2020, 7, 586307.	1.2	34
28	Non-invasive recanalization of deep venous thrombosis by high frequency ultrasound in a swine model with follow-up. <i>Journal of Thrombosis and Haemostasis</i> , 2020, 18, 2889-2898.	1.9	9
29	Aortic Dissection in an Undiagnosed Familial Form of Bicuspid Aortic Valve with a Short Raphe. <i>Case</i> , 2020, 4, 443-447.	0.1	1
30	Quantitative imaging of coronary flows using 3D ultrafast Doppler coronary angiography. <i>Physics in Medicine and Biology</i> , 2020, 65, 105013.	1.6	12
31	Angiopoietin-2 as a marker of endothelial activation is a good predictor factor for intensive care unit admission of COVID-19 patients. <i>Angiogenesis</i> , 2020, 23, 611-620.	3.7	204
32	Curative anticoagulation prevents endothelial lesion in COVID-19 patients. <i>Journal of Thrombosis and Haemostasis</i> , 2020, 18, 2391-2399.	1.9	66
33	Innovative Multiparametric Characterization of Carotid Plaque Vulnerability by Ultrasound. <i>Frontiers in Physiology</i> , 2020, 11, 157.	1.3	10
34	Nasal Swab Sampling for SARS-CoV-2: a Convenient Alternative in Times of Nasopharyngeal Swab Shortage. <i>Journal of Clinical Microbiology</i> , 2020, 58, .	1.8	126
35	Safety, feasibility and performance of Valvosoft non-invasive ultrasound therapy in patients with severe symptomatic calcific aortic valve stenosis. <i>First-in-Man. European Heart Journal</i> , 2020, 41, .	1.0	4
36	Respiratory mechanics and gas exchanges in the early course of COVID-19 ARDS: a hypothesis-generating study. <i>Annals of Intensive Care</i> , 2020, 10, 95.	2.2	58

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37	Abstract 17142: Long Term Results of Non-Invasive Ultrasound Therapy (NIUT) in Severe Symptomatic Aortic Valve Stenosis - First-in-Man. <i>Circulation</i> , 2020, 142, .	1.6	0
38	Segmental aortic stiffness in patients with bicuspid aortic valve compared with first-degree relatives. <i>Heart</i> , 2019, 105, 130-136.	1.2	18
39	4D simultaneous tissue and blood flow Doppler imaging: revisiting cardiac Doppler index with single heart beat 4D ultrafast echocardiography. <i>Physics in Medicine and Biology</i> , 2019, 64, 085013.	1.6	20
40	Aortic Wall Elastic Properties in Case of Bicuspid Aortic Valve. <i>Frontiers in Physiology</i> , 2019, 10, 299.	1.3	23
41	Copy number variation analysis in bicuspid aortic valve-related aortopathy identifies TBX20 as a contributing gene. <i>European Journal of Human Genetics</i> , 2019, 27, 1033-1043.	1.4	24
42	Carotid Stiffness Assessment With Ultrafast Ultrasound Imaging in Case of Bicuspid Aortic Valve. <i>Frontiers in Physiology</i> , 2019, 10, 1330.	1.3	15
43	Arterial Stiffening with Ultrafast Ultrasound Imaging Gives New Insight into Arterial Phenotype of Vascular Ehlers-Danlos Mouse Models. <i>Ultraschall in Der Medizin</i> , 2019, 40, 734-742.	0.8	15
44	Evaluation of a new model of hind limb ischemia in rabbits. <i>Journal of Vascular Surgery</i> , 2018, 68, 849-857.	0.6	5
45	THU0467â€¦Efficacy and patency of revascularisation in patients with thromboangiitis obliterans (BUERGERâ€™S DISEASE). , 2018, , .		0
46	2D and 3D real-time passive cavitation imaging of pulsed cavitation ultrasound therapy in moving tissues. <i>Physics in Medicine and Biology</i> , 2018, 63, 235028.	1.6	11
47	Pulsed cavitation therapy using high-frequency ultrasound for the treatment of deep vein thrombosis in an <i>in vitro</i> model of human blood clot. <i>Physics in Medicine and Biology</i> , 2017, 62, 9282-9294.	1.6	5
48	Candidate Gene Resequencing in a Large Bicuspid Aortic Valve-Associated Thoracic Aortic Aneurysm Cohort: SMAD6 as an Important Contributor. <i>Frontiers in Physiology</i> , 2017, 8, 400.	1.3	85
49	Notice of Removal: Insight in vascular fragility induced by collagen structural change using ultrafast ultrasound imaging in a mouse model of vascular Ehlers-Danlos syndrome. , 2017, , .		0
50	Notice of Removal: Evaluation of a new non-invasive ultrasonic device for venous recanalization: Assessment of feasibility and safety of thrombotripsy at 2.25 MHz in an <i>in vitro</i> model of recent venous thrombosis. , 2017, , .		0
51	Calibration mode influences central blood pressure differences between SphygmoCor and two newer devices, the Arteriograph and Omron HEM-9000. <i>Hypertension Research</i> , 2011, 34, 1046-1051.	1.5	36
52	Arterial Stiffness, Fatness, and Physical Fitness. <i>Hypertension</i> , 2009, 53, 602-604.	1.3	17