

# Jochen Grommes

## List of Publications by Year in descending order

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Version: 2024-02-01

82  
papers

4,388  
citations

201385

27  
h-index

106150

65  
g-index

101  
all docs

101  
docs citations

101  
times ranked

7300  
citing authors

#	ARTICLE	IF	CITATIONS
1	Contribution of Neutrophils to Acute Lung Injury. <i>Molecular Medicine</i> , 2011, 17, 293-307.	1.9	1,048
2	MicroRNA-126-5p promotes endothelial proliferation and limits atherosclerosis by suppressing Dlk1. <i>Nature Medicine</i> , 2014, 20, 368-376.	15.2	527
3	MicroRNA-155 promotes atherosclerosis by repressing Bcl6 in macrophages. <i>Journal of Clinical Investigation</i> , 2012, 122, 4190-4202.	3.9	436
4	Presence of luminal neutrophil extracellular traps in atherosclerosis. <i>Thrombosis and Haemostasis</i> , 2012, 107, 597-598.	1.8	212
5	Disruption of Platelet-derived Chemokine Heteromers Prevents Neutrophil Extravasation in Acute Lung Injury. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012, 185, 628-636.	2.5	202
6	Endothelial Hypoxia-Inducible Factor-1 $\alpha$ Promotes Atherosclerosis and Monocyte Recruitment by Upregulating MicroRNA-19a. <i>Hypertension</i> , 2015, 66, 1220-1226.	1.3	128
7	Annexin A1 Counteracts Chemokine-Induced Arterial Myeloid Cell Recruitment. <i>Circulation Research</i> , 2015, 116, 827-835.	2.0	124
8	Chemokine interactome mapping enables tailored intervention in acute and chronic inflammation. <i>Science Translational Medicine</i> , 2017, 9, .	5.8	121
9	Endothelial Dicer promotes atherosclerosis and vascular inflammation by miRNA-103-mediated suppression of KLF4. <i>Nature Communications</i> , 2016, 7, 10521.	5.8	105
10	Cathelicidins prime platelets to mediate arterial thrombosis and tissue inflammation. <i>Nature Communications</i> , 2018, 9, 1523.	5.8	86
11	Diversion stoma after colorectal surgery: loop colostomy or ileostomy?. <i>International Journal of Colorectal Disease</i> , 2011, 26, 431-436.	1.0	72
12	Simvastatin Reduces Endotoxin-Induced Acute Lung Injury by Decreasing Neutrophil Recruitment and Radical Formation. <i>PLoS ONE</i> , 2012, 7, e38917.	1.1	66
13	Closed Incision Negative Pressure Therapy Reduces Surgical Site Infections in Vascular Surgery: A Prospective Randomised Trial (AIMS Trial). <i>European Journal of Vascular and Endovascular Surgery</i> , 2018, 56, 442-448.	0.8	61
14	Safety and Feasibility of Ultrasound-accelerated Catheter-directed Thrombolysis in Deep Vein Thrombosis. <i>European Journal of Vascular and Endovascular Surgery</i> , 2011, 41, 526-532.	0.8	58
15	Discovery of Small Molecule CD40 $\alpha$ -TRAF6 Inhibitors. <i>Journal of Chemical Information and Modeling</i> , 2015, 55, 294-307.	2.5	58
16	Cathepsin G Controls Arterial But Not Venular Myeloid Cell Recruitment. <i>Circulation</i> , 2016, 134, 1176-1188.	1.6	54
17	CCR5 and FPR1 Mediate Neutrophil Recruitment in Endotoxin-Induced Lung Injury. <i>Journal of Innate Immunity</i> , 2014, 6, 111-116.	1.8	49
18	Zinc supplementation ameliorates lung injury by reducing neutrophil recruitment and activity. <i>Thorax</i> , 2020, 75, 253-261.	2.7	48

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19	Validation of IC-VIEW fluorescence videography in a rabbit model of mesenteric ischaemia and reperfusion. <i>International Journal of Colorectal Disease</i> , 2006, 21, 332-338.	1.0	43
20	Pioglitazone attenuates endotoxin-induced acute lung injury by reducing neutrophil recruitment. <i>European Respiratory Journal</i> , 2012, 40, 416-423.	3.1	43
21	Minimally invasive treatment of chronic iliofemoral venous occlusive disease. <i>Journal of Vascular Surgery: Venous and Lymphatic Disorders</i> , 2013, 1, 146-153.	0.9	41
22	What predicts outcome after recanalization of chronic venous obstruction: hemodynamic factors, stent geometry, patient selection, anticoagulation or other factors?. <i>Phlebology</i> , 2014, 29, 97-103.	0.6	38
23	Editor's Choice "Open Thoracic and Thoraco-abdominal Aortic Repair in Patients with Connective Tissue Disease. <i>European Journal of Vascular and Endovascular Surgery</i> , 2017, 54, 588-596.	0.8	38
24	Cyber medicine enables remote neuromonitoring during aortic surgery. <i>Journal of Vascular Surgery</i> , 2012, 55, 1227-1233.	0.6	33
25	Treatment of Symptomatic Aberrant Subclavian Arteries. <i>European Journal of Vascular and Endovascular Surgery</i> , 2014, 48, 521-526.	0.8	33
26	Risk factors for mortality and failure of conservative treatment after aortic type B dissection. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 148, 2155-2160.e1.	0.4	33
27	Update on diagnosis and treatment strategies in patients with post-thrombotic syndrome due to chronic venous obstruction and role of endovenous recanalization. <i>Journal of Vascular Surgery: Venous and Lymphatic Disorders</i> , 2019, 7, 592-600.	0.9	31
28	Protective Aptitude of Annexin A1 in Arterial Neointima Formation in Atherosclerosis-Prone Mice" Brief Report. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 312-315.	1.1	28
29	High Expression of C5L2 Correlates with High Proinflammatory Cytokine Expression in Advanced Human Atherosclerotic Plaques. <i>American Journal of Pathology</i> , 2014, 184, 2123-2133.	1.9	26
30	Vitamin K antagonism aggravates chronic kidney disease-induced neointimal hyperplasia and calcification in arterialized veins: role of vitamin K treatment?. <i>Kidney International</i> , 2016, 89, 601-611.	2.6	26
31	Zinc deficiency impairs wound healing of colon anastomosis in rats. <i>International Journal of Colorectal Disease</i> , 2010, 25, 251-257.	1.0	25
32	Endothelial CSN5 impairs NF- $\kappa$ B activation and monocyte adhesion to endothelial cells and is highly expressed in human atherosclerotic lesions. <i>Thrombosis and Haemostasis</i> , 2013, 110, 141-152.	1.8	25
33	Treatment of blunt thoracic aortic injury in Germany"Assessment of the TraumaRegister DGU®. <i>PLoS ONE</i> , 2017, 12, e0171837.	1.1	24
34	Serum analyses for protein, albumin and IL-1-RA serve as reliable predictors for seroma formation after incisional hernia repair. <i>Hernia: the Journal of Hernias and Abdominal Wall Surgery</i> , 2011, 15, 69-73.	0.9	23
35	Aspirin, but Not Tirofiban Displays Protective Effects in Endotoxin Induced Lung Injury. <i>PLoS ONE</i> , 2016, 11, e0161218.	1.1	22
36	Inadvertent Arterial Injection Using Catheter-Assisted Sclerotherapy Resulting in Amputation. <i>Dermatologic Surgery</i> , 2011, 37, 536-538.	0.4	21

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37	The Treatment of Post-Thrombotic Syndrome. Deutsches A&#x0308;rztblatt International, 2016, 113, 863-870.	0.6	20
38	Dicer generates a regulatory microRNA network in smooth muscle cells that limits neointima formation during vascular repair. Cellular and Molecular Life Sciences, 2017, 74, 359-372.	2.4	20
39	Internal jugular vein thrombosis presenting as a painful neck mass due to a spontaneous dislocated subclavian port catheter as long-term complication: a case report. Cases Journal, 2009, 2, 7991.	0.4	19
40	Operative and Midterm Outcomes of the Fenestrated Anaconda Stent-Graft in the Endovascular Treatment of Juxtarenal, Suprarenal, and Type IV Thoracoabdominal Aortic Aneurysms. Journal of Endovascular Therapy, 2016, 23, 930-935.	0.8	19
41	Editor's Choice â€œ Open Thoracic and Thoraco-abdominal Aortic Repair After Prior Endovascular Therapy. European Journal of Vascular and Endovascular Surgery, 2018, 56, 57-67.	0.8	18
42	Balancing zinc deficiency leads to an improved healing of colon anastomosis in rats. International Journal of Colorectal Disease, 2011, 26, 295-301.	1.0	16
43	Interventional treatment of postthrombotic syndrome. Gefasschirurgie, 2016, 21, 37-44.	0.7	16
44	Ultrasound-accelerated catheter-directed thrombolysis in acute iliofemoral deep venous thrombosis. Journal of Vascular Surgery: Venous and Lymphatic Disorders, 2013, 1, 225-230.	0.9	13
45	Vascular anatomy of the small intestineâ€™a comparative anatomic study on humans and pigs. International Journal of Colorectal Disease, 2015, 30, 683-690.	1.0	13
46	Different methods of mesh fixation in open retromuscular incisional hernia repair: a comparative study in pigs. Hernia: the Journal of Hernias and Abdominal Wall Surgery, 2010, 14, 623-627.	0.9	11
47	Assessment of a course of realistic surgical training during medical education as a tool for pre-residential surgical training. BMC Medical Education, 2016, 16, 45.	1.0	11
48	The Place of Endovascular Treatment in Abdominal Aortic Aneurysm. Deutsches A&#x0308;rztblatt International, 2013, 110, 119-25.	0.6	11
49	Sharp Recanalization for Chronic Left Iliac Vein Occlusion. CardioVascular and Interventional Radiology, 2012, 35, 938-941.	0.9	10
50	Comparison of Intestinal Microcirculation and Wound Healing in a Rat Model. Journal of Investigative Surgery, 2013, 26, 46-52.	0.6	10
51	Urine neutrophil gelatinaseâ€™associated lipocalin predicts outcome and renal failure in open and endovascular thoracic abdominal aortic aneurysm surgery. Scientific Reports, 2018, 8, 12676.	1.6	10
52	Patency rate and quality of life after ultrasound-accelerated catheter-directed thrombolysis for deep vein thrombosis. Phlebology, 2018, 33, 251-260.	0.6	9
53	Wound complications after common femoral vein endophlebectomy: Influence on outcome. Phlebology, 2018, 33, 407-417.	0.6	9
54	Detecting stent geometry changes after venous recanalization using duplex ultrasound. Phlebology, 2019, 34, 8-16.	0.6	9

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55	Influence of small intestinal serosal defect closure on leakage rate and adhesion formation: a pilot study using rabbit models. <i>Langenbeck's Archives of Surgery</i> , 2011, 396, 133-137.	0.8	8
56	Effect of a new incision management system (PREVENA®) on wound healing after endophlebectomy of the common femoral vein: a case series. <i>Journal of Medical Case Reports</i> , 2016, 10, 130.	0.4	8
57	Surgical sutures: coincidence or experience?. <i>Hernia: the Journal of Hernias and Abdominal Wall Surgery</i> , 2017, 21, 505-508.	0.9	8
58	Extra-Thoracic Supra-aortic Bypass Surgery Is Safe in Thoracic Endovascular Aortic Repair and Arterial Occlusive Disease Treatment. <i>European Journal of Vascular and Endovascular Surgery</i> , 2018, 55, 861-866.	0.8	8
59	Carbon Dioxide-Enhanced CT-Guided Placement of Aortic Stent-Grafts: Feasibility in an Animal Model. <i>Journal of Endovascular Therapy</i> , 2010, 17, 332-339.	0.8	7
60	Blunt Thoracic Aortic Injury in Case of a 15-Year-Old Boy: Difficulties and Possibilities of the Endovascular Approach. <i>Annals of Vascular Surgery</i> , 2016, 33, 228.e15-228.e19.	0.4	7
61	Catheter-directed thrombolysis in deep vein thrombosis: Which procedural measurement predicts outcome?. <i>Phlebology</i> , 2014, 29, 135-139.	0.6	6
62	Sarcoidosis-Associated Aorto-esophageal Fistula—Multistage Interdisciplinary Surgical Therapy for a Rare and Life-Threatening Condition. <i>Annals of Vascular Surgery</i> , 2017, 39, 287.e15-287.e20.	0.4	6
63	Comparison of urine and serum neutrophil gelatinase-associated lipocalin after open and endovascular thoraco-abdominal aortic surgery and their meaning as indicators of acute kidney injury. <i>Vasa - European Journal of Vascular Medicine</i> , 2019, 48, 79-87.	0.6	6
64	Functional Assessment and Evaluation of Outcome After Endovascular Therapy With Coverage of the Left Subclavian Artery in Case of Blunt Thoracic Aortic Injury. <i>Annals of Vascular Surgery</i> , 2017, 40, 98-104.	0.4	5
65	Macrophage Migration Inhibitory Factor Predicts Outcome in Complex Aortic Surgery. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2374.	1.8	5
66	High-Pitch Carbon Dioxide Contrast CT Angiography: Pilot Study. <i>CardioVascular and Interventional Radiology</i> , 2014, 37, 362-370.	0.9	4
67	Heterotopic Auxiliary Rat Liver Transplantation With Flow-regulated Portal Vein Arterialization in Acute Hepatic Failure. <i>Journal of Visualized Experiments</i> , 2014, , 51115.	0.2	3
68	Recovery of lost motor evoked potentials in open thoracoabdominal aortic aneurysm repair using intercostal artery bypass. <i>Journal of Vascular Surgery Cases and Innovative Techniques</i> , 2018, 4, 54-57.	0.3	3
69	Carbon Dioxide-Contrasted Computed Tomography Angiography: High Pitch Protocols and Adapted Injection Parameters Improve Imaging Quality. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2013, 185, 128-135.	0.7	2
70	Increase of urinary TIMP-2 and IGFBP7 as potential predictor of acute kidney injury requiring renal replacement therapy and patients' outcome following complex endovascular and open thoracic abdominal aortic aneurysm surgery – a prospective observational study. <i>Vasa - European Journal of Vascular Medicine</i> , 2021, 50, 101-109.	0.6	2
71	Surgical Technique for Gastroesophageal Reflux Disease. <i>Journal of Investigative Surgery</i> , 2010, 23, 273-279.	0.6	1
72	First Result of a Tailored Progressive Multistep Approach for the Treatment of Aorto-esophageal Fistulae. <i>Thoracic and Cardiovascular Surgeon</i> , 2021, 69, 223-227.	0.4	1

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73	Management strategies for true and dissecting visceral artery aneurysms. <i>Journal of Cardiovascular Surgery</i> , 2020, 61, 340-346.	0.3	1
74	Luxation of the heart in blunt thorax trauma. <i>Injury Extra</i> , 2009, 40, 101-102.	0.2	0
75	SS19. Cyber Medicine Enables Remote Neuromonitoring during Aortic Surgery. <i>Journal of Vascular Surgery</i> , 2011, 53, 25S-26S.	0.6	0
76	Open Thoracic and Thoraco-abdominal Aortic Repair in Patients with Connective Tissue Disease. <i>Journal of Vascular Surgery</i> , 2017, 66, 1913-1914.	0.6	0
77	Fatal Hemorrhage due to an Aortic Pseudoaneurysm Related to an Endobronchial Coil. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 198, 670-671.	2.5	0
78	Detecting Stent Geometry Changes After Venous Recanalisation Using Duplex Ultrasound. <i>European Journal of Vascular and Endovascular Surgery</i> , 2019, 58, e265-e266.	0.8	0
79	Open Thoracic and Thoracoabdominal Aortic Repair After Prior Endovascular Therapy. <i>European Journal of Vascular and Endovascular Surgery</i> , 2019, 58, e286-e287.	0.8	0
80	Relevance of Slpi as Biomarker of Acute Kidney Injury After Open and Endovascular Complex Aortic Surgery. <i>European Journal of Vascular and Endovascular Surgery</i> , 2019, 58, e695-e696.	0.8	0
81	Intensivtherapie nach gefÄÄchirurgischen Eingriffen. , 2015, , 1-12.		0
82	Abstract 14: Small Molecule Inhibitors of the CD40-TRAF6 Interaction Reduce Atherosclerosis by Inducing Hypo-inflammatory Myeloid Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, .	1.1	0