Jesper Eugen-Olsen

List of Publications by Citations

94 papers	2,622 citations	28 h-index	49 g-index
105 ext. papers	3,539 ext. citations	5.8 avg, IF	5.13 L-index

#	Paper	IF	Citations
94	suPAR: The Molecular Crystal Ball. *Disease Markers*, **2009**, 27, 157-172	3.2	528
93	Development and validation of a multiplex add-on assay for sepsis biomarkers using xMAP technology. *Clinical Chemistry*, **2006**, 52, 1284-93	5.5	106
92	Cardiovascular risk prediction in the general population with use of suPAR, CRP, and Framingham Risk Score. *International Journal of Cardiology*, **2013**, 167, 2904-11	3.2	98
91	Soluble urokinase plasminogen activator receptor is a marker of dysmetabolism in HIV-infected patients receiving highly active antiretroviral therapy. *Journal of Medical Virology*, **2008**, 80, 209-16	19.7	96
90	Early treatment of COVID-19 with anakinra guided by soluble urokinase plasminogen receptor plasma levels: a double-blind, randomized controlled phase 3 trial. *Nature Medicine*, **2021**, 27, 1752-1760	50.5	93
89	CRP and suPAR are differently related to anthropometry and subclinical organ damage. *International Journal of Cardiology*, **2013**, 167, 781-5	3.2	82
88	Prevalence and prognostic significance of infection with TT virus in patients infected with human immunodeficiency virus. *Journal of Infectious Diseases*, **2000**, 181, 1796-9	7	81
87	Plasma Soluble CD163 Level Independently Predicts All-Cause Mortality in HIV-1-Infected Individuals. *Journal of Infectious Diseases*, **2016**, 214, 1198-204	7	79
86	Plasma suPAR levels are associated with mortality, admission time, and Charlson Comorbidity Index in the acutely admitted medical patient: a prospective observational study. *Critical Care*, **2012**, 16, R130	10.8	74
85	Soluble urokinase plasminogen activator receptor (suPAR) as an early predictor of severe respiratory failure in patients with COVID-19 pneumonia. *Critical Care*, **2020**, 24, 187	10.8	70
84	suPAR: A New Biomarker for Cardiovascular Disease?. *Canadian Journal of Cardiology*, **2015**, 31, 1293-302	3.8	67
83	Soluble urokinase plasminogen activator receptor (suPAR) in acute care: a strong marker of disease presence and severity, readmission and mortality. A retrospective cohort study. *Emergency Medicine Journal*, **2016**, 33, 769-775	1.5	62
82	Usefulness of soluble urokinase plasminogen activator receptor to predict repeat myocardial infarction and mortality in patients with ST-segment elevation myocardial infarction undergoing primary percutaneous intervention. *American Journal of Cardiology*, **2012**, 110, 1756-63	3	57
81	An open label trial of anakinra to prevent respiratory failure in COVID-19. *ELife*, **2021**, 10,	8.9	57
80	Risk factors associated with serum levels of the inflammatory biomarker soluble urokinase plasminogen activator receptor in a general population. *Biomarker Insights*, **2014**, 9, 91-100	3.5	48
79	Cumulative childhood risk is associated with a new measure of chronic inflammation in adulthood. *Journal of Child Psychology and Psychiatry and Allied Disciplines*, **2019**, 60, 199-208	7.9	45
78	Soluble Urokinase Receptor (SuPAR) in COVID-19-Related AKI. *Journal of the American Society of Nephrology: JASN*, **2020**, 31, 2725-2735	12.7	45

77	Association of Adverse Experiences and Exposure to Violence in Childhood and Adolescence With Inflammatory Burden in Young People. *JAMA Pediatrics*, **2020**, 174, 38-47	8.3	44
76	Soluble urokinase plasminogen activator receptor for risk prediction in patients admitted with acute chest pain. *Clinical Chemistry*, **2013**, 59, 1621-9	5.5	42
75	Effect of anakinra on mortality in patients with COVID-19: a systematic review and patient-level meta-analysis. *Lancet Rheumatology, The*, **2021**, 3, e690-e697	14.2	38
74	Soluble urokinase plasminogen activator receptor is in contrast to high-sensitive C-reactive-protein associated with coronary artery calcifications in healthy middle-aged subjects. *Atherosclerosis*, **2014** , 237, 60-6	3.1	33
73	Soluble Urokinase Plasminogen Activator Receptor Is Predictive of Non-AIDS Events During Antiretroviral Therapy-mediated Viral Suppression. *Clinical Infectious Diseases*, **2019**, 69, 676-686	11.6	33
72	Healthy lifestyles reduce suPAR and mortality in a Danish general population study. *Immunity and Ageing*, **2019**, 16, 1	9.7	32
71	Combining National Early Warning Score With Soluble Urokinase Plasminogen Activator Receptor (suPAR) Improves Risk Prediction in Acute Medical Patients: A Registry-Based Cohort Study. *Critical Care Medicine*, **2018**, 46, 1961-1968	1.4	32
70	Effects of liraglutide on cardiovascular risk biomarkers in patients with type 2 diabetes and albuminuria: A sub-analysis of a randomized, placebo-controlled, double-blind, crossover trial. *Diabetes, Obesity and Metabolism*, **2017**, 19, 901-905	6.7	31
69	Association between routine laboratory tests and long-term mortality among acutely admitted older medical patients: a cohort study. *BMC Geriatrics*, **2017**, 17, 62	4.1	31
68	Assessment of simple risk markers for early mortality among HIV-infected patients in Guinea-Bissau: a cohort study. *BMJ Open*, **2012**, 2,	3	31
67	Soluble urokinase plasminogen activator receptor as a prognostic marker of all-cause and cardiovascular mortality in a black population. *International Journal of Cardiology*, **2015**, 184, 631-636	3.2	29
66	suPAR: The unspecific marker for disease presence, severity and prognosis. *International Journal of Antimicrobial Agents*, **2015**, 46 Suppl 1, S33-4	14.3	28
65	Plasma suPAR is lowered by smoking cessation: a randomized controlled study. *European Journal of Clinical Investigation*, **2016**, 46, 305-11	4.6	28
64	Effects of 1 year of exercise training versus combined exercise training and weight loss on body composition, low-grade inflammation and lipids in overweight patients with coronary artery disease: a randomized trial. *Cardiovascular Diabetology*, **2019**, 18, 127	8.7	24
63	Soluble urokinase plasminogen activator receptor as a marker for use of antidepressants. *PLoS ONE* , **2014**, 9, e110555	3.7	23
62	Inflammatory biomarkers and cancer: CRP and suPAR as markers of incident cancer in patients with serious nonspecific symptoms and signs of cancer. *International Journal of Cancer*, **2017**, 141, 191-199	7.5	22
61	Weight loss is superior to exercise in improving the atherogenic lipid profile in a sedentary, overweight population with stable coronary artery disease: A randomized trial. *Atherosclerosis*, **2016**, 246, 221-8	3.1	22
60	Soluble Urokinase Plasminogen Activator Receptor Predicts Cardiovascular Events, Kidney Function Decline, and Mortality in Patients With Type 1 Diabetes. *Diabetes Care*, **2019**, 42, 1112-1119	14.6	19

59	Metabolic biomarkers and gallstone disease - a population-based study. *Scandinavian Journal of Gastroenterology*, **2017**, 52, 1270-1277	2.4	19
58	NT-proBNP, C-reactive protein and soluble uPAR in a bi-ethnic male population: the SAfrEIC study. *PLoS ONE*, **2013**, 8, e58506	3.7	17
57	suPAR level is associated with myocardial impairment assessed with advanced echocardiography in patients with type 1 diabetes with normal ejection fraction and without known heart disease or end-stage renal disease. *European Journal of Endocrinology*, **2016**, 174, 745-53	6.5	16
56	Leptin, IL-6, and suPAR reflect distinct inflammatory changes associated with adiposity, lipodystrophy and low muscle mass in HIV-infected patients and controls. *Immunity and Ageing*, **2015**, 12, 9	9.7	16
55	Exploring soluble urokinase plasminogen activator receptor and its relationship with arterial stiffness in a bi-ethnic population: the SAfrEIC-study. *Thrombosis Research*, **2012**, 130, 273-7	8.2	16
54	Use of the prognostic biomarker suPAR in the emergency department improves risk stratification but has no effect on mortality: a cluster-randomized clinical trial (TRIAGE III). *Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine*, **2018**, 26, 69	3.6	16
53	Routine blood tests are associated with short term mortality and can improve emergency department triage: a cohort study of >12,000 patients. *Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine*, **2017**, 25, 115	3.6	14
52	Soluble urokinase plasminogen activator receptor predicts mortality in exacerbated COPD. *Respiratory Research*, **2018**, 19, 97	7.3	14
51	The formation and design of the TRIAGE study--baseline data on 6005 consecutive patients admitted to hospital from the emergency department. *Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine*, **2015**, 23, 106	3.6	14
50	Association Between Elevated suPAR, a New Biomarker of Inflammation, and Accelerated Aging. *Journals of Gerontology - Series A Biological Sciences and Medical Sciences*, **2021**, 76, 318-327	6.4	14
49	Development of a one-step probe based molecular assay for rapid immunodiagnosis of infection with M. tuberculosis using dried blood spots. *PLoS ONE*, **2014**, 9, e105628	3.7	13
48	A randomized trial of an early measles vaccine at 4 months of age in Guinea-Bissau: sex-differential immunological effects. *PLoS ONE*, **2014**, 9, e97536	3.7	11
47	Early Discharge from the Emergency Department Based on Soluble Urokinase Plasminogen Activator Receptor (suPAR) Levels: A TRIAGE III Substudy. *Disease Markers*, **2019**, 2019, 3403549	3.2	10
46	Availability of suPAR in emergency departments may improve risk stratification: a secondary analysis of the TRIAGE III trial. *Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine*, **2019**, 27, 43	3.6	10
45	Extracellular matrix biomarker, fibulin-1, is closely related to NT-proBNP and soluble urokinase plasminogen activator receptor in patients with aortic valve stenosis (the SEAS study). *PLoS ONE*, **2014**, 9, e101522	3.7	10
44	Soluble urokinase plasminogen activator receptor and hypertension among black South Africans after 5 years. *Hypertension Research*, **2015**, 38, 439-44	4.7	9
43	Soluble urokinase plasminogen activator receptor, C-reactive protein and triglyceride are associated with heart rate variability in non-diabetic Danes. *European Journal of Clinical Investigation*, **2013**, 43, 457-68	4.6	9
42	Soluble Urokinase Plasminogen Activator Receptor (suPAR) as a Biomarker of Systemic Chronic Inflammation.. *Frontiers in Immunology*, **2021**, 12, 780641	8.4	9

41	SuPAR predicts postoperative complications and mortality in patients with asymptomatic aortic stenosis. *Open Heart*, **2018**, 5, e000743	3	8
40	suPAR is associated with risk of future acute surgery and post-operative mortality in acutely admitted medical patients. *Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine*, **2018**, 26, 11	3.6	8
39	Introduction of a prognostic biomarker to strengthen risk stratification of acutely admitted patients: rationale and design of the TRIAGE III cluster randomized interventional trial. *Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine*, **2016**, 24, 100	3.6	8
38	The biomarkers suPAR and blood eosinophils are associated with hospital readmissions and mortality in asthma - a retrospective cohort study. *Respiratory Research*, **2019**, 20, 258	7.3	8
37	Linking stressful life events and chronic inflammation using suPAR (soluble urokinase plasminogen activator receptor). *Brain, Behavior, and Immunity*, **2021**, 97, 79-88	16.6	8
36	SuPAR is associated with death and adverse cardiovascular outcomes in patients with suspected coronary artery disease. *Scandinavian Cardiovascular Journal*, **2020**, 54, 339-345	2	7
35	Renin angiotensin system blockade reduces urinary levels of soluble urokinase plasminogen activator receptor (suPAR) in patients with type 2 diabetes. *Journal of Diabetes and Its Complications*, **2016**, 30, 1440-1442	3.2	7
34	SuPAR Predicts Cardiovascular Events and Mortality in Patients With Asymptomatic Aortic Stenosis. *Canadian Journal of Cardiology*, **2016**, 32, 1462-1469	3.8	7
33	Soluble Urokinase Plasminogen Activator Receptor Is a Predictor of Incident Non-AIDS Comorbidity and All-Cause Mortality in Human Immunodeficiency Virus Type 1 Infection. *Journal of Infectious Diseases*, **2017**, 216, 819-823	7	6
32	High suPAR and Low Blood Eosinophil Count are Risk Factors for Hospital Readmission and Mortality in Patients with COPD. *International Journal of COPD*, **2020**, 15, 733-743	3	6
31	Soluble urokinase plasminogen activator receptor is linearly associated with dietary quality and predicts mortality. *British Journal of Nutrition*, **2019**, 121, 699-708	3.6	5
30	Elevated suPAR Is an Independent Risk Marker for Incident Kidney Disease in Acute Medical Patients. *Frontiers in Cell and Developmental Biology*, **2020**, 8, 339	5.7	5
29	Soluble Urokinase Plasminogen Activator Receptor as a Decision Marker for Early Discharge of Patients with COVID-19 Symptoms in the Emergency Department. *Journal of Emergency Medicine*, **2021**, 61, 298-313	1.5	5
28	Risk assessment models for potential use in the emergency department have lower predictive ability in older patients compared to the middle-aged for short-term mortality - a retrospective cohort study. *BMC Geriatrics*, **2019**, 19, 134	4.1	4
27	Effect of simvastatin and ezetimibe on suPAR levels and outcomes. *Atherosclerosis*, **2018**, 272, 129-136	3.1	4
26	suPAR Cut-Offs for Risk Stratification in Patients With Symptoms of COVID-19. *Biomarker Insights*, **2021**, 16, 11772719211034685	3.5	4
25	Extracellular matrix biomarker, fibulin-1 and its association with soluble uPAR in a bi-ethnic South African population: the SAfrEIC study. *Heart Lung and Circulation*, **2015**, 24, 298-305	1.8	3
24	Low-dose growth hormone therapy reduces inflammation in HIV-infected patients: a randomized placebo-controlled study. *Infectious Diseases*, **2016**, 48, 829-37	3.1	3

23	ESCAPE: An Open-Label Trial of Personalized Immunotherapy in Critically Ill COVID-19 Patients. *Journal of Innate Immunity*, **2021**, 1-11	6.9	3
22	Elevated preoperative suPAR is a strong and independent risk marker for postoperative complications in patients undergoing major noncardiac surgery (SPARSE). *Surgery*, **2021**,	3.6	3
21	Leukocyte Activation Profile Assessed by Raman Spectroscopy Helps Diagnosing Infection and Sepsis **2021**, 3, e0394		3
20	Eleven genomic loci affect plasma levels of chronic inflammation marker soluble urokinase-type plasminogen activator receptor. *Communications Biology*, **2021**, 4, 655	6.7	3
19	Histological and Molecular Adipose Tissue Changes Are Related to Metabolic Syndrome Rather Than Lipodystrophy in Human Immunodeficiency Virus-Infected Patients: A Cross-Sectional Study. *Journal of Infectious Diseases*, **2018**, 218, 1090-1098	7	3
18	Circulating Osteopontin Levels and Outcomes in Patients Hospitalized for COVID-19. *Journal of Clinical Medicine*, **2021**, 10,	5.1	3
17	Angiotensin-Converting Enzyme Inhibitors, Angiotensin II Receptor Blockers, and Outcomes in Patients Hospitalized for COVID-19. *Journal of the American Heart Association*, **2021**, e023535	6	3
16	Soluble urokinase plasminogen activator receptor (suPAR) is lower in disease-free patients but cannot rule out incident disease in patients with suspected cancer. *Clinical Biochemistry*, **2020**, 84, 31-37	3.5	2
15	IL-1 Mediates Tissue Specific Inflammation and Severe Respiratory Failure In Covid-19: Clinical And Experimental Evidence		2
14	Soluble Urokinase Plasminogen Activator Receptor (suPAR) as an Added Predictor to Existing Preoperative Risk Assessments. *World Journal of Surgery*, **2019**, 43, 780-790	3.3	2
13	Evaluation of commercially available immuno-magnetic agglutination in comparison to enzyme-linked immunosorbent assays for rapid point-of-care diagnostics of COVID-19. *Journal of Medical Virology*, **2021**, 93, 3084-3091	19.7	2
12	Sinus bradycardia is associated with poor outcome in critically ill patients with COVID-19 due to the B.1.1.7 Lineage. *Toxicology Reports*, **2021**, 8, 1394-1398	4.8	2
11	IL-1 Mediates Tissue-Specific Inflammation and Severe Respiratory Failure in COVID-19.. *Journal of Innate Immunity*, **2022**, 1-14	6.9	2
10	Chronic inflammation markers and cytokine-specific autoantibodies in Danish blood donors with restless legs syndrome.. *Scientific Reports*, **2022**, 12, 1672	4.9	1
9	Investigating the inflammation marker neutrophil-to-lymphocyte ratio in Danish blood donors with restless legs syndrome. *PLoS ONE*, **2021**, 16, e0259681	3.7	1
8	Abnormal routine blood tests as predictors of mortality in acutely admitted patients. *Clinical Biochemistry*, **2020**, 77, 14-19	3.5	1
7	ESCAPE: An Open-Label Trial of Personalized Immunotherapy in Critically Ill COVID-19 Patients		1
6	Circulating suPAR associates with severity and in-hospital progression of COVID-19.. *European Journal of Clinical Investigation*, **2022**, e13794	4.6	1

5	Soluble urokinase receptor as a predictor of non-cardiac mortality in patients with percutaneous coronary intervention treated ST-segment elevation myocardial infarction. *Clinical Biochemistry*, **2020**, 80, 8-13	3.5	0
4	Serum soluble urokinase plasminogen activator receptor (suPAR) in adults with growth hormone deficiency. *Endocrine Connections*, **2019**, 8, 772-779	3.5	0
3	Acute and Long-Term Treatment With Dapagliflozin and Association With Serum Soluble Urokinase Plasminogen Activator Receptor.. *Frontiers in Pharmacology*, **2022**, 13, 799915	5.6	0
2	Letters to the Editor: Genetic polymorphism and soluble urokinase plasminogen activator receptor regulation. *FASEB Journal*, **2015**, 29, 4757-8	0.9	
1	Soluble urokinase plasminogen activator receptor and functionally relevant coronary artery disease: a prospective cohort study.. *Biomarkers*, **2022**, 1-25	2.6	