

# Christian A Schaer

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

963  
citations

623734

14  
h-index

752698

20  
g-index

21  
all docs

21  
docs citations

21  
times ranked

3501  
citing authors

#	ARTICLE	IF	CITATIONS
1	Heme-stress activated NRF2 skews fate trajectories of bone marrow cells from dendritic cells towards red pulp-like macrophages in hemolytic anemia. <i>Cell Death and Differentiation</i> , 2022, 29, 1450-1465.	11.2	11
2	Haptoglobin treatment prevents cell-free hemoglobin exacerbated mortality in experimental rat sepsis. <i>Intensive Care Medicine Experimental</i> , 2021, 9, 22.	1.9	7
3	Acute Hemolysis and Heme Suppress Anti-CD40 Antibody-Induced Necro-Inflammatory Liver Disease. <i>Frontiers in Immunology</i> , 2021, 12, 680855.	4.8	7
4	Cerebrospinal fluid hemoglobin drives subarachnoid hemorrhage-related secondary brain injury. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 3000-3015.	4.3	24
5	Determining the Optimal Normalization Factor of Different Target Arteries for ex vivo Vascular Function Experiments: A New Standardized Procedure. <i>Journal of Vascular Research</i> , 2020, 57, 106-112.	1.4	2
6	Line-selective macrophage activation with an anti-CD40 antibody drives a hemophagocytic syndrome in mice. <i>Blood Advances</i> , 2020, 4, 2751-2761.	5.2	10
7	Hemolysis transforms liver macrophages into antiinflammatory erythrophagocytes. <i>Journal of Clinical Investigation</i> , 2020, 130, 5576-5590.	8.2	36
8	Haptoglobin administration into the subarachnoid space prevents hemoglobin-induced cerebral vasospasm. <i>Journal of Clinical Investigation</i> , 2019, 129, 5219-5235.	8.2	57
9	Phenotype-specific recombinant haptoglobin polymers co-expressed with C1r-like protein as optimized hemoglobin-binding therapeutics. <i>BMC Biotechnology</i> , 2018, 18, 15.	3.3	18
10	Heart rate elevations during early sepsis predict death in fluid-resuscitated rats with fecal peritonitis. <i>Intensive Care Medicine Experimental</i> , 2018, 6, 28.	1.9	11
11	Hemoglobinuria-related acute kidney injury is driven by intrarenal oxidative reactions triggering a heme toxicity response. <i>Cell Death and Disease</i> , 2016, 7, e2064-e2064.	6.3	107
12	Haptoglobin Preserves Vascular Nitric Oxide Signaling during Hemolysis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 193, 1111-1122.	5.6	73
13	Different target specificities of haptoglobin and hemopexin define a sequential protection system against vascular hemoglobin toxicity. <i>Free Radical Biology and Medicine</i> , 2015, 89, 931-943.	2.9	59
14	Proteasome inhibition and oxidative reactions disrupt cellular homeostasis during heme stress. <i>Cell Death and Differentiation</i> , 2015, 22, 597-611.	11.2	54
15	Mechanisms of haptoglobin protection against hemoglobin peroxidation triggered endothelial damage. <i>Cell Death and Differentiation</i> , 2013, 20, 1569-1579.	11.2	65
16	Chloroquine Interference with Hemoglobin Endocytic Trafficking Suppresses Adaptive Heme and Iron Homeostasis in Macrophages: The Paradox of an Antimalarial Agent. <i>Oxidative Medicine and Cellular Longevity</i> , 2013, 2013, 1-10.	4.0	16
17	Glucocorticoid treatment skews human monocyte differentiation into a hemoglobin-clearance phenotype with enhanced heme-iron recycling and antioxidant capacity. <i>Blood</i> , 2010, 116, 5347-5356.	1.4	71
18	Heme carrier protein (HCP-1) spatially interacts with the CD163 hemoglobin uptake pathway and is a target of inflammatory macrophage activation. <i>Journal of Leukocyte Biology</i> , 2008, 83, 325-333.	3.3	46

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19	CD163-expressing monocytes constitute an endotoxin-sensitive Hb clearance compartment within the vascular system. <i>Journal of Leukocyte Biology</i> , 2007, 82, 106-110.	3.3	49
20	Constitutive Endocytosis of CD163 Mediates Hemoglobin-Heme Uptake and Determines the Noninflammatory and Protective Transcriptional Response of Macrophages to Hemoglobin. <i>Circulation Research</i> , 2006, 99, 943-950.	4.5	237