

# Helena Erlandsson-Harris

## List of Publications by Year in Descending Order

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**Version:** 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

34  
papers

2,777  
citations

16  
h-index

38  
g-index

38  
ext. papers

3,137  
ext. citations

6.1  
avg, IF

4.91  
L-index

#	Paper	IF	Citations
34	Transcriptomic Profiling Reveals That HMGB1 Induces Macrophage Polarization Different from Classical M1. <i>Biomolecules</i> , <b>2022</b> , 12, 779	5.9	0
33	Sex-dependent role of microglia in disulfide high mobility group box 1 protein-mediated mechanical hypersensitivity. <i>Pain</i> , <b>2021</b> , 162, 446-458	8	13
32	Therapeutic administration of etoposide coincides with reduced systemic HMGB1 levels in macrophage activation syndrome. <i>Molecular Medicine</i> , <b>2021</b> , 27, 48	6.2	3
31	Disulfide and Fully Reduced HMGB1 Induce Different Macrophage Polarization and Migration Patterns. <i>Biomolecules</i> , <b>2021</b> , 11,	5.9	3
30	Redox modifications of cysteine residues regulate the cytokine activity of HMGB1. <i>Molecular Medicine</i> , <b>2021</b> , 27, 58	6.2	7
29	Sex- and cell-dependent contribution of peripheral high mobility group box 1 and TLR4 in arthritis-induced pain. <i>Pain</i> , <b>2021</b> , 162, 459-470	8	10
28	Immunoprofiling of active and inactive systemic juvenile idiopathic arthritis reveals distinct biomarkers: a single-center study.. <i>Pediatric Rheumatology</i> , <b>2021</b> , 19, 173	3.5	1
27	Cleavage of HMGB1 by Proteolytic Enzymes Associated with Inflammatory Conditions. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 448262	8.4	2
26	Neuroinflammatory markers associate with cognitive decline after major surgery: Findings of an explorative study. <i>Annals of Neurology</i> , <b>2020</b> , 87, 370-382	9.4	12
25	The impact of damage-associated molecular patterns on the neurotransmitter release and gene expression in the ex vivo rat carotid body. <i>Experimental Physiology</i> , <b>2020</b> , 105, 1634-1647	2.4	5
24	Juvenile idiopathic arthritis patients have a distinct cartilage and bone biomarker profile that differs from healthy and knee-injured children. <i>Clinical and Experimental Rheumatology</i> , <b>2020</b> , 38, 355-365 <sup>2,2</sup>	2.2	1
23	Neuroinflammation in Response to Intracerebral Injections of Different HMGB1 Redox Isoforms. <i>Journal of Innate Immunity</i> , <b>2018</b> , 10, 215-227	6.9	28
22	Fragmented hyaluronan has no alarmin function assessed in arthritis synovial fibroblast and chondrocyte cultures. <i>Innate Immunity</i> , <b>2018</b> , 24, 131-141	2.7	10
21	Ligation of free HMGB1 to TLR2 in the absence of ligand is negatively regulated by the C-terminal tail domain. <i>Molecular Medicine</i> , <b>2018</b> , 24, 19	6.2	18
20	Brain-released alarmins and stress response synergize in accelerating atherosclerosis progression after stroke. <i>Science Translational Medicine</i> , <b>2018</b> , 10,	17.5	37
19	The immune response of the human brain to abdominal surgery. <i>Annals of Neurology</i> , <b>2017</b> , 81, 572-582	9.4	58
18	Proteasome inhibitor MG132 modulates inflammatory pain by central mechanisms in adjuvant arthritis. <i>International Journal of Rheumatic Diseases</i> , <b>2017</b> , 20, 25-32	2.3	14

17	Characterization of the Inflammatory Properties of Actively Released HMGB1 in Juvenile Idiopathic Arthritis. <i>Antioxidants and Redox Signaling</i> , <b>2016</b> , 24, 605-19	8.4	21
16	A novel high mobility group box 1 neutralizing chimeric antibody attenuates drug-induced liver injury and postinjury inflammation in mice. <i>Hepatology</i> , <b>2016</b> , 64, 1699-1710	11.2	76
15	Antibodies against High Mobility Group Box protein-1 (HMGB1) versus other anti-nuclear antibody fine-specificities and disease activity in systemic lupus erythematosus. <i>Arthritis Research and Therapy</i> , <b>2015</b> , 17, 338	5.7	26
14	High systemic levels of the cytokine-inducing HMGB1 isoform secreted in severe macrophage activation syndrome. <i>Molecular Medicine</i> , <b>2015</b> , 20, 538-47	6.2	40
13	A systematic nomenclature for the redox states of high mobility group box (HMGB) proteins. <i>Molecular Medicine</i> , <b>2014</b> , 20, 135-7	6.2	83
12	HMGB1 levels are increased in patients with juvenile idiopathic arthritis, correlate with early onset of disease, and are independent of disease duration. <i>Journal of Rheumatology</i> , <b>2013</b> , 40, 1604-13	4.1	40
11	HMGB1: a multifunctional alarmin driving autoimmune and inflammatory disease. <i>Nature Reviews Rheumatology</i> , <b>2012</b> , 8, 195-202	8.1	469
10	The pro-inflammatory effect of HMGB1, a mediator of inflammation in arthritis, is dependent on the redox status of the protein. <i>Annals of the Rheumatic Diseases</i> , <b>2012</b> , 71, A81.2-A82	2.4	1
9	Crosstalk between nitrosative stress and altered Ca <sup>2+</sup> handling in arthritis-induced skeletal muscle dysfunction. <i>Annals of the Rheumatic Diseases</i> , <b>2012</b> , 71, A43.3-A44	2.4	
8	HMGB1 mediates muscle fatigue via TLR4 - a possible mechanism for muscle fatigue in patients with inflammatory myopathies. <i>Annals of the Rheumatic Diseases</i> , <b>2012</b> , 71, A42.2-A43	2.4	
7	Successful therapy with anti-HMGB1 monoclonal antibodies in two separate experimental arthritis models. <i>Annals of the Rheumatic Diseases</i> , <b>2011</b> , 70, A77-A78	2.4	
6	Systemic TNF blockade does not modulate synovial expression of the pro-inflammatory mediator HMGB1 in rheumatoid arthritis patients--a prospective clinical study. <i>Arthritis Research and Therapy</i> , <b>2008</b> , 10, R33	5.7	30
5	Alarmin(g) news about danger: workshop on innate danger signals and HMGB1. <i>EMBO Reports</i> , <b>2006</b> , 7, 774-8	6.5	226
4	Differential bone turnover in an angulated fracture model in the rat. <i>Calcified Tissue International</i> , <b>2004</b> , 75, 50-9	3.9	7
3	Mini-review: The nuclear protein HMGB1 as a proinflammatory mediator. <i>European Journal of Immunology</i> , <b>2004</b> , 34, 1503-12	6.1	311
2	Role of selectins in experimental Staphylococcus aureus-induced arthritis. <i>European Journal of Immunology</i> , <b>2000</b> , 30, 1606-13	6.1	25
1	High mobility group 1 protein (HMG-1) stimulates proinflammatory cytokine synthesis in human monocytes. <i>Journal of Experimental Medicine</i> , <b>2000</b> , 192, 565-70	16.6	1194