Charlotte Esser

List of Publications by Year
in descending order

40 papers	2,961 citations	279798 23 h-index	265206 42 g-index
43 all docs	43 docs citations	43 times ranked	4244 citing authors

#	Article	IF	Citations
1	Natural Aryl Hydrocarbon Receptor Ligands Control Organogenesis of Intestinal Lymphoid Follicles. Science, 2011, 334, 1561-1565.	12.6	706
2	The aryl hydrocarbon receptor in immunity. Trends in Immunology, 2009, 30, 447-454.	6.8	460
3	The Aryl Hydrocarbon Receptor in Barrier Organ Physiology, Immunology, and Toxicology. Pharmacological Reviews, 2015, 67, 259-279.	16.0	393
4	Functions of the aryl hydrocarbon receptor in the skin. Seminars in Immunopathology, 2013, 35, 677-691.	6.1	149
5	Aryl Hydrocarbon Receptor Is Critical for Homeostasis of Invariant Î³Î´ T Cells in the Murine Epidermis. Journal of Immunology, 2011, 187, 3104-3110.	0.8	134
6	Langerhans Cell Maturation and Contact Hypersensitivity Are Impaired in Aryl Hydrocarbon Receptor-Null Mice. Journal of Immunology, 2009, 182, 6709-6717.	0.8	126
7	Aryl Hydrocarbon Receptor in Keratinocytes Is Essential for Murine SkinÂBarrier Integrity. Journal of Investigative Dermatology, 2016, 136, 2260-2269.	0.7	97
8	Identification of dioxin-responsive elements (DREs) in the 5â€² regions of putative dioxin-inducible genes. Chemico-Biological Interactions, 1996, 100, 97-112.	4.0	86
9	The aryl hydrocarbon receptor promotes aging phenotypes across species. Scientific Reports, 2016, 6, 19618.	3.3	67
10	The immune phenotype of AhR null mouse mutants: Not a simple mirror of xenobiotic receptor over-activation. Biochemical Pharmacology, 2009, 77, 597-607.	4.4	65
11	The AHR represses nucleotide excision repair and apoptosis and contributes to UV-induced skin carcinogenesis. Cell Death and Differentiation, 2018, 25, 1823-1836.	11.2	56
12	Balancing intestinal and systemic inflammation through cell type-specific expression of the aryl hydrocarbon receptor repressor. Scientific Reports, 2016, 6, 26091.	3.3	54
13	2,3,7,8-Tetrachlorodibenzo-p-Dioxin Impairs Stable Establishment of Oral Tolerance in Mice. Toxicological Sciences, 2010, 118, 98-107.	3.1	46
14	Promoter analysis of TCDD-inducible genes in a thymic epithelial cell line indicates the potential for cell-specific transcription factor crosstalk in the AhR response. Toxicology and Applied Pharmacology, 2008, 232, 268-279.	2.8	39
15	Role of the aryl hydrocarbon receptor in thymocyte emigrationin vivo. European Journal of Immunology, 2005, 35, 2738-2747.	2.9	37
16	The Aryl Hydrocarbon Receptor in Immunity: Tools and Potential. Methods in Molecular Biology, 2016, 1371, 239-257.	0.9	36
17	A toolbox of novel murine house-keeping genes identified by meta-analysis of large scale gene expression profiles. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2008, 1779, 830-837.	1.9	34
18	Indole-3-carbinol, a plant nutrient and AhR-Ligand precursor, supports oral tolerance against OVA and improves peanut allergy symptoms in mice. PLoS ONE, 2017, 12, e0180321.	2.5	29

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19	Transcriptional signatures of immune cells in aryl hydrocarbon receptor (AHR)-proficient and AHR-deficient mice. Biological Chemistry, 2006, 387, 1219-26.	2.5	27
20	Evidence for the promotion of positive selection of thymocytes by Ah receptor agonist 2,3,7,8-tetrachlorodibenzo-p-dioxin. European Journal of Pharmacology - Environmental Toxicology and Pharmacology Section, 1995, 293, 413-427.	0.8	25
21	Functional screening identifies aryl hydrocarbon receptor as suppressor of lung cancer metastasis. Oncogenesis, 2020, 9, 102.	4.9	24
22	Ontogenic development of murine fetal thymocytes is accelerated by 3,3â€²,4,4â€²-tetrachlorobiphenyl. International Journal of Immunopharmacology, 1993, 15, 841-852.	1.1	23
23	Chemical warfare in the First World War: reflections 100Âyears later. Archives of Toxicology, 2014, 88, 1909-1911.	4.2	23
24	Proximal Lck Promoterâ€“Driven Cre Function Is Limited in Neonatal and Ineffective in Adult Î³Î´ T Cell Development. Journal of Immunology, 2019, 203, 569-579.	0.8	19
25	Aryl hydrocarbon receptor activation by benzo(a)pyrene inhibits proliferation of myeloid precursor cells and alters the differentiation state as well as the functional phenotype of murine bone marrow-derived macrophages. Toxicology Letters, 2018, 296, 106-113.	0.8	16
26	Small Chemicals, Bioactivation, and the Immune System â€“ A Fragile Balance of iâ€Tox and Benefits?. Chemistry and Biodiversity, 2009, 6, 2138-2143.	2.1	14
27	Benzo(a)pyrene attenuates the pattern-recognition-receptor induced proinflammatory phenotype of murine macrophages by inducing IL-10 expression in an aryl hydrocarbon receptor-dependent manner. Toxicology, 2018, 409, 80-90.	4.2	14
28	Signaling via the AHR leads to enhanced usage of CD44v10 by murine fetal thymic emigrants: possible role for CD44 in emigration. International Immunopharmacology, 2004, 4, 805-818.	3.8	12
29	Detection of a novel population of fetal thymocytes characterized by preferential emigration and a TCRÎ³Î´+ T cell fate after dioxin exposure. International Immunopharmacology, 2005, 5, 1659-1674.	3.8	10
30	Effects of a single dose of 2,3,7,8-tetrachlorodibenzo-p-dioxin, given at post-puberty, in senescent mice. Toxicology Letters, 2005, 157, 89-98.	0.8	9
31	Filling the gaps: need for research on cell-specific xenobiotic metabolism in the skin. Archives of Toxicology, 2013, 87, 1873-1875.	4.2	6
32	AHR in the skin: From the mediator of chloracne to a therapeutic panacea?. Current Opinion in Toxicology, 2017, 2, 79-86.	5.0	5
33	The impact of COVIDâ€19 lockâ€downs for European (female) immunologists â€“ our views as members of the EFIS gender and diversity task force. European Journal of Immunology, 2020, 50, 1855-1857.	2.9	5
34	AHR and the issue of immunotoxicity. Current Opinion in Toxicology, 2018, 10, 91-97.	5.0	4
35	Aryl Hydrocarbon Receptor Activation by Benzo[a]pyrene Prevents Development of Septic Shock and Fatal Outcome in a Mouse Model of Systemic Salmonella enterica Infection. Cells, 2022, 11, 737.	4.1	4
36	Beyond sequencing: fast and easy microbiome profiling by flow cytometry. Archives of Toxicology, 2019, 93, 2703-2704.	4.2	3

#	Article	IF	Citations
37	Trajectory Shifts in Interdisciplinary Research of the Aryl Hydrocarbon Receptorâ€"A Personal Perspective on Thymus and Skin. International Journal of Molecular Sciences, 2021, 22, 1844.	4.1	3
38	Evidence for the promotion of positive selection of thymocytes by Ah receptor agonist 2,3,7,8-tetrachlorodibenzo--dioxin. European Journal of Pharmacology, 1995, 293, 413-427.	3.5	3
39	COVID-19 research: toxicological input urgently needed!. Archives of Toxicology, 2020, 94, 2547-2548.	4.2	2
40	Data sieving analysis as a novel method to asses immunotoxic exposure to dioxins retrospectively. International Immunopharmacology, 2006, 6, 1374-1375.	3.8	1