

# AurÃ©lie A Tasiemski

## List of Publications by Year in descending order

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Version: 2024-02-01

49  
papers

1,566  
citations

279798

23  
h-index

315739

38  
g-index

51  
all docs

51  
docs citations

51  
times ranked

1905  
citing authors

#	ARTICLE	IF	CITATIONS
1	Characteristics of meiofauna in extreme marine ecosystems: a review. <i>Marine Biodiversity</i> , 2018, 48, 35-71.	1.0	153
2	Life history and ecoâ€evolutionary dynamics in light of the gut microbiota. <i>Oikos</i> , 2017, 126, 508-531.	2.7	139
3	Thermal Limit for Metazoan Life in Question: In Vivo Heat Tolerance of the Pompeii Worm. <i>PLoS ONE</i> , 2013, 8, e64074.	2.5	93
4	Molecular Characterization of Two Novel Antibacterial Peptides Inducible upon Bacterial Challenge in an Annelid, the Leech <i>Theromyzon tessulatum</i> . <i>Journal of Biological Chemistry</i> , 2004, 279, 30973-30982.	3.4	87
5	Microbial Challenge Promotes the Regenerative Process of the Injured Central Nervous System of the Medicinal Leech by Inducing the Synthesis of Antimicrobial Peptides in Neurons and Microglia. <i>Journal of Immunology</i> , 2008, 181, 1083-1095.	0.8	85
6	Hedistin: A novel antimicrobial peptide containing bromotryptophan constitutively expressed in the NK cells-like of the marine annelid, <i>Nereis diversicolor</i> . <i>Developmental and Comparative Immunology</i> , 2007, 31, 749-762.	2.3	72
7	Innate Immunity in Lophotrochozoans: The Annelids. <i>Current Pharmaceutical Design</i> , 2006, 12, 3043-3050.	1.9	56
8	Infections and cancer: the â€œfifty shades of immunityâ€ hypothesis. <i>BMC Cancer</i> , 2017, 17, 257.	2.6	51
9	Construction of a medicinal leech transcriptome database and its application to the identification of leech homologs of neural and innate immune genes. <i>BMC Genomics</i> , 2010, 11, 407.	2.8	50
10	Cancer: A disease at the crossroads of tradeâ€offs. <i>Evolutionary Applications</i> , 2017, 10, 215-225.	3.1	46
11	Proenkephalin A-derived peptides in invertebrate innate immune processes. <i>Molecular Brain Research</i> , 2000, 76, 237-252.	2.3	45
12	Macin Family of Antimicrobial Proteins Combines Antimicrobial and Nerve Repair Activities. <i>Journal of Biological Chemistry</i> , 2012, 287, 14246-14258.	3.4	41
13	Cancer and life-history traits: lessons from hostâ€parasite interactions. <i>Parasitology</i> , 2016, 143, 533-541.	1.5	40
14	Presence of chromogranin-derived antimicrobial peptides in plasma during coronary artery bypass surgery and evidence of an immune origin of these peptides. <i>Blood</i> , 2002, 100, 553-559.	1.4	39
15	Deciphering the Immune Function and Regulation by a TLR of the Cytokine EMAPII in the Lesioned Central Nervous System Using a Leech Model. <i>Journal of Immunology</i> , 2009, 183, 7119-7128.	0.8	38
16	Involvement of pro-enkephalin-derived peptides in immunity. <i>Developmental and Comparative Immunology</i> , 2001, 25, 177-185.	2.3	37
17	Characterization and Function of the First Antibiotic Isolated from a Vent Organism: The Extremophile Metazoan <i>Alvinella pompejana</i> . <i>PLoS ONE</i> , 2014, 9, e95737.	2.5	36
18	Reciprocal immune benefit based on complementary production of antibiotics by the leech <i>Hirudo verbana</i> and its gut symbiont <i>Aeromonas veronii</i> . <i>Scientific Reports</i> , 2015, 5, 17498.	3.3	34

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19	Cancer brings forward oviposition in the fly <i>Drosophila melanogaster</i> . <i>Ecology and Evolution</i> , 2017, 7, 272-276.	1.9	29
20	The presence of antibacterial and opioid peptides in human plasma during coronary artery bypass surgery. <i>Journal of Neuroimmunology</i> , 2000, 109, 228-235.	2.3	27
21	Characterization and immune function of two intracellular sensors, HmTLR1 and HmNLR, in the injured CNS of an invertebrate. <i>Developmental and Comparative Immunology</i> , 2011, 35, 214-226.	2.3	26
22	Worms' Antimicrobial Peptides. <i>Marine Drugs</i> , 2019, 17, 512.	4.6	24
23	Chemosynthetic ectosymbionts associated with a shallow-water marine nematode. <i>Scientific Reports</i> , 2019, 9, 7019.	3.3	24
24	Immune challenge induces differential corticosterone and interleukin-6 responsiveness in rats bred for extremes in anxiety-related behavior. <i>Neuroscience</i> , 2008, 151, 1112-1118.	2.3	23
25	Is adaptive therapy natural?. <i>PLoS Biology</i> , 2018, 16, e2007066.	5.6	23
26	Cathepsin L and cystatin B gene expression discriminates immune ciliated cells in the leech <i>Theromyzon tessulatatum</i> . <i>Developmental and Comparative Immunology</i> , 2008, 32, 795-807.	2.3	22
27	Multiple Changes in Peptide and Lipid Expression Associated with Regeneration in the Nervous System of the Medicinal Leech. <i>PLoS ONE</i> , 2011, 6, e18359.	2.5	22
28	Morphological and functional characterization of leech circulating blood cells: role in immunity and neural repair. <i>Cellular and Molecular Life Sciences</i> , 2012, 69, 1717-1731.	5.4	20
29	Host manipulation by cancer cells: Expectations, facts, and therapeutic implications. <i>BioEssays</i> , 2016, 38, 276-285.	2.5	19
30	Neuro-immune lessons from an annelid: The medicinal leech. <i>Developmental and Comparative Immunology</i> , 2017, 66, 33-42.	2.3	19
31	Antimicrobial Peptides and Ectosymbiotic Relationships: Involvement of a Novel Type IIa Crustin in the Life Cycle of a Deep-Sea Vent Shrimp. <i>Frontiers in Immunology</i> , 2020, 11, 1511.	4.8	19
32	Impact of ecological doses of the most widespread phthalate on a terrestrial species, the ant <i>Lasius niger</i> . <i>Environmental Research</i> , 2014, 131, 104-110.	7.5	16
33	Leech Immunity: From Brain to Peripheral Responses. <i>Advances in Experimental Medicine and Biology</i> , 2010, 708, 80-104.	1.6	15
34	Hm-MyD88 and Hm-SARM: Two key regulators of the neuroimmune system and neural repair in the medicinal leech. <i>Scientific Reports</i> , 2015, 5, 9624.	3.3	14
35	The guardians of inherited oncogenic vulnerabilities. <i>Evolution; International Journal of Organic Evolution</i> , 2016, 70, 1-6.	2.3	10
36	Antagonistic evolution of an antibiotic and its molecular chaperone: how to maintain a vital ectosymbiosis in a highly fluctuating habitat. <i>Scientific Reports</i> , 2017, 7, 1454.	3.3	10

#	ARTICLE	IF	CITATIONS
37	The evolution of resistance and tolerance as cancer defences. <i>Parasitology</i> , 2020, 147, 255-262.	1.5	10
38	Immune failure reveals vulnerability of populations exposed to pollution in the bioindicator species <i>Hediste diversicolor</i> . <i>Science of the Total Environment</i> , 2018, 613-614, 1527-1542.	8.0	9
39	Differences in mutational processes and intra-tumour heterogeneity between organs. <i>Evolution, Medicine and Public Health</i> , 2019, 2019, 139-146.	2.5	9
40	On the need for integrating cancer into the One Health perspective. <i>Evolutionary Applications</i> , 2021, 14, 2571-2575.	3.1	9
41	Transgenerational Immune Priming in the Field: Maternal Environmental Experience Leads to Differential Immune Transfer to Oocytes in the Marine Annelid <i>Hediste diversicolor</i> . <i>Genes</i> , 2019, 10, 989.	2.4	6
42	Investigation of <i>Capitella</i> spp. symbionts in the context of varying anthropic pressures: First occurrence of a transient advantageous epibiosis with the giant bacteria <i>Thiomargarita</i> sp. to survive seasonal increases of sulfides in sediments. <i>Science of the Total Environment</i> , 2021, 798, 149149.	8.0	5
43	Toward an Ultimate Explanation of Intratumor Heterogeneity. , 2017, , 219-222.		3
44	Thermal tolerance patterns of a carabid beetle sampled along invasion and altitudinal gradients at a sub-Antarctic island. <i>Journal of Thermal Biology</i> , 2019, 86, 102447.	2.5	3
45	Transmissible Cancer Evolution: The Under-Estimated Role of Environmental Factors in the "Perfect Storm" Theory. <i>Pathogens</i> , 2022, 11, 241.	2.8	3
46	Genetic diversification and life-cycle of the polychaete <i>Capitella</i> spp. from the English Channel: evidence for sympatric cryptic species and alternative reproductive strategies. <i>Marine Biology</i> , 2021, 168, 1.	1.5	2
47	Peptides opioïdes, substances opiacées et réponse immunitaire.. <i>Medecine/Sciences</i> , 2000, 16, 235.	0.2	1
48	Leech Neuroimmune Signaling. <i>NeuroImmune Biology</i> , 2010, , 13-23.	0.2	0
49	Day/night variations of feeding and immune activities in larvae of the European grapevine moth, <i>Lobesia botrana</i> . <i>Entomologia Generalis</i> , 2021, , .	3.1	0