

Yann Gibert

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

1,616
citations

394421

19
h-index

302126

39
g-index

58
all docs

58
docs citations

58
times ranked

2702
citing authors

#	ARTICLE	IF	CITATIONS
1	Release of hazardous nanoplastic contaminants due to microplastics fragmentation under shear stress forces. <i>Journal of Hazardous Materials</i> , 2020, 384, 121393.	12.4	225
2	Zebrafish Embryonic Lipidomic Analysis Reveals that the Yolk Cell Is Metabolically Active in Processing Lipid. <i>Cell Reports</i> , 2016, 14, 1317-1329.	6.4	178
3	Estrogen-related receptor $\hat{1}^3$ is an <i>in vivo</i> receptor of bisphenol A. <i>FASEB Journal</i> , 2014, 28, 3124-3133.	0.5	115
4	Induction and prepatterning of the zebrafish pectoral fin bud requires axial retinoic acid signaling. <i>Development (Cambridge)</i> , 2006, 133, 2649-2659.	2.5	94
5	Fasting Induces CART Down-Regulation in the Zebrafish Nervous System in a Cannabinoid Receptor 1-Dependent Manner. <i>Molecular Endocrinology</i> , 2012, 26, 1316-1326.	3.7	70
6	The small molecule, genistein, increases hepcidin expression in human hepatocytes. <i>Hepatology</i> , 2013, 58, 1315-1325.	7.3	66
7	Bisphenol A induces otolith malformations during vertebrate embryogenesis. <i>BMC Developmental Biology</i> , 2011, 11, 4.	2.1	64
8	The Phytoestrogen Genistein Affects Zebrafish Development through Two Different Pathways. <i>PLoS ONE</i> , 2009, 4, e4935.	2.5	60
9	Transferrin-a modulates hepcidin expression in zebrafish embryos. <i>Blood</i> , 2009, 113, 2843-2850.	1.4	57
10	Novel insights of elevated systemic levels of bisphenol-A (BPA) linked to poor glycemic control, accelerated cellular senescence and insulin resistance in patients with type 2 diabetes. <i>Molecular and Cellular Biochemistry</i> , 2019, 458, 171-183.	3.1	55
11	Cloning of zebrafish T-box genes <i>tbx15</i> and <i>tbx18</i> and their expression during embryonic development. <i>Mechanisms of Development</i> , 2002, 114, 137-141.	1.7	51
12	Tissue Specific Roles for the Ribosome Biogenesis Factor <i>Wdr43</i> in Zebrafish Development. <i>PLoS Genetics</i> , 2014, 10, e1004074.	3.5	41
13	Deletion of intestinal <i>Hdac3</i> remodels the lipidome of enterocytes and protects mice from diet-induced obesity. <i>Nature Communications</i> , 2019, 10, 5291.	12.8	37
14	Lipid Abundance in Zebrafish Embryos Is Regulated by Complementary Actions of the Endocannabinoid System and Retinoic Acid Pathway. <i>Endocrinology</i> , 2015, 156, 3596-3609.	2.8	36
15	Formation of oral and pharyngeal dentition in teleosts depends on differential recruitment of retinoic acid signaling. <i>FASEB Journal</i> , 2010, 24, 3298-3309.	0.5	32
16	High glucose levels affect retinal patterning during zebrafish embryogenesis. <i>Scientific Reports</i> , 2019, 9, 4121.	3.3	31
17	Solvate Ionic Liquids as Reaction Media for Electrocyclic Transformations. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 913-917.	2.4	27
18	Retinoic acid expands the evolutionarily reduced dentition of zebrafish. <i>FASEB Journal</i> , 2012, 26, 5014-5024.	0.5	26

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19	The Use of the Zebrafish Model to Aid in Drug Discovery and Target Validation. <i>Current Topics in Medicinal Chemistry</i> , 2017, 17, 2041-2055.	2.1	24
20	Highly fluorescent and HDAC6 selective scriptaid analogues. <i>European Journal of Medicinal Chemistry</i> , 2019, 162, 321-333.	5.5	21
21	BMP Signaling Modulates Hhepcidin Expression in Zebrafish Embryos Independent of Hemojuvelin. <i>PLoS ONE</i> , 2011, 6, e14553.	2.5	20
22	Using Gene-History and Expression Analyses to Assess the Involvement of LGI Genes in Human Disorders. <i>Molecular Biology and Evolution</i> , 2005, 22, 2209-2216.	8.9	19
23	Altered retinoic acid signalling underpins dentition evolution. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20142764.	2.6	19
24	Rapid Development of Non-Alcoholic Steatohepatitis in <i>Psammomys obesus</i> (Israeli Sand Rat). <i>PLoS ONE</i> , 2014, 9, e92656.	2.5	19
25	Analysis of the very large G-protein coupled receptor gene (<i>Vlgr1/Mass1/USH2C</i>) in zebrafish. <i>Gene</i> , 2005, 353, 200-206.	2.2	18
26	Metabolic Profile Analysis of Zebrafish Embryos. <i>Journal of Visualized Experiments</i> , 2013, , e4300.	0.3	18
27	Rapid quantification of neutral lipids and triglycerides during zebrafish embryogenesis. <i>International Journal of Developmental Biology</i> , 2017, 61, 105-111.	0.6	18
28	Endothelin-1 in the pathophysiology of obesity and insulin resistance. <i>Obesity Reviews</i> , 2020, 21, e13086.	6.5	17
29	A comparison of novel organoiridium(III) complexes and their ligands as a potential treatment for prostate cancer. <i>European Journal of Medicinal Chemistry</i> , 2016, 109, 305-313.	5.5	15
30	The adenosine, adrenergic and opioid pathways in the regulation of insulin secretion, beta cell proliferation and regeneration. <i>Pancreatology</i> , 2018, 18, 615-623.	1.1	15
31	Live Metabolic Profile Analysis of Zebrafish Embryos Using a Seahorse XF 24 Extracellular Flux Analyzer. <i>Methods in Molecular Biology</i> , 2018, 1797, 393-401.	0.9	14
32	The first formed tooth serves as a signalling centre to induce the formation of the dental row in zebrafish. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20190401.	2.6	13
33	Suitability of Novel Algal Biomass as Fish Feed: Accumulation and Distribution of Omega-3 Long-Chain Polyunsaturated Fatty Acid in Zebrafish. <i>Applied Biochemistry and Biotechnology</i> , 2019, 188, 112-123.	2.9	12
34	The Vertebrate Tooth Row: Is It Initiated by a Single Organizing Tooth?. <i>BioEssays</i> , 2020, 42, e1900229.	2.5	12
35	A study on acute toxicity and solvent capacity of solvate ionic liquids in vivo using a zebrafish model (<i>Danio rerio</i>). <i>New Journal of Chemistry</i> , 2016, 40, 6599-6603.	2.8	11
36	Retinoids in Embryonic Development. <i>Biomolecules</i> , 2020, 10, 1278.	4.0	11

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37	Bisphenol A exposure under metabolic stress induces accelerated cellular senescence in vivo in a p53 independent manner. <i>Science of the Total Environment</i> , 2019, 689, 1201-1211.	8.0	8
38	Xmrks the Spot: Fish Models for Investigating Epidermal Growth Factor Receptor Signaling in Cancer Research. <i>Cells</i> , 2021, 10, 1132.	4.1	8
39	Metformin, beta-cell development, and novel processes following beta-cell ablation in zebrafish. <i>Endocrine</i> , 2018, 59, 419-425.	2.3	7
40	Isolation and Characterisation of the ylmE Homologue of <i>Thermus thermophilus</i> . <i>DNA Sequence</i> , 2001, 11, 507-514.	0.7	4
41	Comparison of solvate ionic liquids and DMSO as an in vivo delivery and storage media for small molecular therapeutics. <i>BMC Biotechnology</i> , 2018, 18, 32.	3.3	4
42	The endocannabinoid system and retinoic acid signaling combine to influence bone growth. <i>Molecular and Cellular Endocrinology</i> , 2021, 529, 111267.	3.2	4
43	RNA-Seq Analysis of Cisplatin and the Monofunctional Platinum(II) Complex, Phenanthriplatin, in A549 Non-Small Cell Lung Cancer and IMR90 Lung Fibroblast Cell Lines. <i>Cells</i> , 2020, 9, 2637.	4.1	3
44	Nano and micro plastics in water processing – Where are we at?. <i>Journal of Water Process Engineering</i> , 2021, 43, 102281.	5.6	3
45	The ADAMTS5 Metzincin Regulates Zebrafish Somite Differentiation. <i>International Journal of Molecular Sciences</i> , 2018, 19, 766.	4.1	2
46	Editorial: Endocrine Disrupters and Metabolism. <i>Frontiers in Endocrinology</i> , 2019, 10, 859.	3.5	2
47	The protective effects of human milk derived peptides on the pancreatic islet biology. <i>Biology Open</i> , 2020, 9, .	1.2	2
48	Cisplatin and phenanthriplatin modulate long-noncoding RNA expression in A549 and IMR90 cells revealing regulation of microRNAs, Wnt/ β -catenin and TGF- β signaling. <i>Scientific Reports</i> , 2021, 11, 10408.	3.3	2
49	Retinoic Acid Signaling and the Zebrafish Dentition During Development and Evolution. <i>Sub-Cellular Biochemistry</i> , 2020, 95, 175-196.	2.4	2
50	EDITORIAL: Validation Techniques for Therapeutic Molecules in Drug Discovery. <i>Current Topics in Medicinal Chemistry</i> , 2017, 17, 2005.	2.1	1
51	Zebrafish model of Gestational Diabetes. <i>FASEB Journal</i> , 2021, 35, .	0.5	1
52	Fish as a model for endocrine systems. <i>Molecular and Cellular Endocrinology</i> , 2021, 531, 111316.	3.2	1
53	Identification of novel lipid biomarkers in xmrk- and Myc-induced models of hepatocellular carcinoma in zebrafish. <i>Cancer & Metabolism</i> , 2022, 10, 7.	5.0	1
54	Cloning and Characterisation of the Hint Homologue of the Thermophile <i>Thermus thermophilus</i> . <i>DNA Sequence</i> , 2001, 12, 179-185.	0.7	0

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55	Bisphenol A, but not Bisphenol S, exposure increases lipid deposition by acting on the PI3K pathway in vivo. FASEB Journal, 2019, 33, 488.7.	0.5	0
56	Retinoic acid levels control tooth morphology in fish. FASEB Journal, 2022, 36, .	0.5	0
57	Zebrafish model of <i>in utero</i> glucose exposure alters developmental programming that leads to life-long metabolic consequences. FASEB Journal, 2022, 36, .	0.5	0