Yann Gibert

List of Publications by Year
in descending order

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57	1,616	394421	302126
papers	citations	19 h-index	39 g-index

58	58	58	2702
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Identification of novel lipid biomarkers in xmrk- and Myc-induced models of hepatocellular carcinoma in zebrafish. Cancer & Metabolism, 2022, 10, 7.	5.0	1
2	Retinoic acid levels control tooth morphology in fish. FASEB Journal, 2022, 36, .	0.5	0
3	Zebrafish model of in utero glucose exposure alters developmental programming that leads to lifeâ€long metabolic consequences. FASEB Journal, 2022, 36, .	0.5	0
4	Xmrks the Spot: Fish Models for Investigating Epidermal Growth Factor Receptor Signaling in Cancer Research. Cells, 2021, 10, 1132.	4.1	8
5	Zebrafish model of Gestational Diabetes. FASEB Journal, 2021, 35, .	0.5	1
6	Cisplatin and phenanthriplatin modulate long-noncoding RNA expression in A549 and IMR90 cells revealing regulation of microRNAs, Wnt/Î²-catenin and TGF-Î² signaling. Scientific Reports, 2021, 11, 10408.	3.3	2
7	The endocannabinoid system and retinoic acid signaling combine to influence bone growth. Molecular and Cellular Endocrinology, 2021, 529, 111267.	3.2	4
8	Fish as a model for endocrine systems. Molecular and Cellular Endocrinology, 2021, 531, 111316.	3.2	1
9	Nano and micro plastics in water processing â€“ Where are we at?. Journal of Water Process Engineering, 2021, 43, 102281.	5.6	3
10	Release of hazardous nanoplastic contaminants due to microplastics fragmentation under shear stress forces. Journal of Hazardous Materials, 2020, 384, 121393.	12.4	225
11	The protective effects of human milk derived peptides on the pancreatic islet biology. Biology Open, 2020, 9, .	1.2	2
12	Retinoids in Embryonic Development. Biomolecules, 2020, 10, 1278.	4.0	11
13	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. Cells, 2020, 9, 2637.	4.1	3
14	Endothelinâ€1 in the pathophysiology of obesity and insulin resistance. Obesity Reviews, 2020, 21, e13086.	6.5	17
15	The Vertebrate Tooth Row: Is It Initiated by a Single Organizing Tooth?. BioEssays, 2020, 42, e1900229.	2.5	12
16	Retinoic Acid Signaling and the Zebrafish Dentition During Development and Evolution. Sub-Cellular Biochemistry, 2020, 95, 175-196.	2.4	2
17	Bisphenol A exposure under metabolic stress induces accelerated cellular senescence in vivo in a p53 independent manner. Science of the Total Environment, 2019, 689, 1201-1211.	8.0	8
18	The first formed tooth serves as a signalling centre to induce the formation of the dental row in zebrafish. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20190401.	2.6	13

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19	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. Molecular and Cellular Biochemistry, 2019, 458, 171-183.	3.1	55
20	High glucose levels affect retinal patterning during zebrafish embryogenesis. Scientific Reports, 2019, 9, 4121.	3.3	31
21	Editorial: Endocrine Disrupters and Metabolism. Frontiers in Endocrinology, 2019, 10, 859.	3.5	2
22	Deletion of intestinal Hdac3 remodels the lipidome of enterocytes and protects mice from diet-induced obesity. Nature Communications, 2019, 10, 5291.	12.8	37
23	Highly fluorescent and HDAC6 selective scriptaid analogues. European Journal of Medicinal Chemistry, 2019, 162, 321-333.	5.5	21
24	Suitability of Novel Algal Biomass as Fish Feed: Accumulation and Distribution of Omega-3 Long-Chain Polyunsaturated Fatty Acid in Zebrafish. Applied Biochemistry and Biotechnology, 2019, 188, 112-123.	2.9	12
25	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
26	Metformin, beta-cell development, and novel processes following beta-cell ablation in zebrafish. Endocrine, 2018, 59, 419-425.	2.3	7
27	The adenosine, adrenergic and opioid pathways in the regulation of insulin secretion, beta cell proliferation and regeneration. Pancreatology, 2018, 18, 615-623.	1.1	15
28	Comparison of solvate ionic liquids and DMSO as an in vivo delivery and storage media for small molecular therapeutics. BMC Biotechnology, 2018, 18, 32.	3.3	4
29	The ADAMTS5 Metzincin Regulates Zebrafish Somite Differentiation. International Journal of Molecular Sciences, 2018, 19, 766.	4.1	2
30	Live Metabolic Profile Analysis of Zebrafish Embryos Using a Seahorse XF 24 Extracellular Flux Analyzer. Methods in Molecular Biology, 2018, 1797, 393-401.	0.9	14
31	EDITORIAL: Validation Techniques for Therapeutic Molecules in Drug Discovery. Current Topics in Medicinal Chemistry, 2017, 17, 2005.	2.1	1
32	Rapid quantification of neutral lipids and triglycerides during zebrafish embryogenesis. International Journal of Developmental Biology, 2017, 61, 105-111.	0.6	18
33	The Use of the Zebrafish Model to Aid in Drug Discovery and Target Validation. Current Topics in Medicinal Chemistry, 2017, 17, 2041-2055.	2.1	24
34	Solvate Ionic Liquids as Reaction Media for Electrocyclic Transformations. European Journal of Organic Chemistry, 2016, 2016, 913-917.	2.4	27
35	A study on acute toxicity and solvent capacity of solvate ionic liquids in vivo using a zebrafish model (Danio rerio). New Journal of Chemistry, 2016, 40, 6599-6603.	2.8	11
36	Zebrafish Embryonic Lipidomic Analysis Reveals that the Yolk Cell Is Metabolically Active in Processing Lipid. Cell Reports, 2016, 14, 1317-1329.	6.4	178

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37	A comparison of novel organoiridium(III) complexes and their ligands as a potential treatment for prostate cancer. European Journal of Medicinal Chemistry, 2016, 109, 305-313.	5.5	15
38	Altered retinoic acid signalling underpins dentition evolution. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20142764.	2.6	19
39	Lipid Abundance in Zebrafish Embryos Is Regulated by Complementary Actions of the Endocannabinoid System and Retinoic Acid Pathway. Endocrinology, 2015, 156, 3596-3609.	2.8	36
40	Tissue Specific Roles for the Ribosome Biogenesis Factor Wdr43 in Zebrafish Development. PLoS Genetics, 2014, 10, e1004074.	3.5	41
41	Estrogenâ€related receptor Î³ is an in vivo receptor of bisphenol A. FASEB Journal, 2014, 28, 3124-3133.	0.5	115
42	Rapid Development of Non-Alcoholic Steatohepatitis in Psammomys obesus (Israeli Sand Rat). PLoS ONE, 2014, 9, e92656.	2.5	19
43	The small molecule, genistein, increases hepcidin expression in human hepatocytes. Hepatology, 2013, 58, 1315-1325.	7.3	66
44	Metabolic Profile Analysis of Zebrafish Embryos. Journal of Visualized Experiments, 2013, , e4300.	0.3	18
45	Retinoic acid expands the evolutionarily reduced dentition of zebrafish. FASEB Journal, 2012, 26, 5014-5024.	0.5	26
46	Fasting Induces CART Down-Regulation in the Zebrafish Nervous System in a Cannabinoid Receptor 1-Dependent Manner. Molecular Endocrinology, 2012, 26, 1316-1326.	3.7	70
47	BMP Signaling Modulates Hepcidin Expression in Zebrafish Embryos Independent of Hemojuvelin. PLoS ONE, 2011, 6, e14553.	2.5	20
48	Bisphenol A induces otolith malformations during vertebrate embryogenesis. BMC Developmental Biology, 2011, 11, 4.	2.1	64
49	Formation of oral and pharyngeal dentition in teleosts depends on differential recruitment of retinoic acid signaling. FASEB Journal, 2010, 24, 3298-3309.	0.5	32
50	Transferrin-a modulates hepcidin expression in zebrafish embryos. Blood, 2009, 113, 2843-2850.	1.4	57
51	The Phytoestrogen Genistein Affects Zebrafish Development through Two Different Pathways. PLoS ONE, 2009, 4, e4935.	2.5	60
52	Induction and prepatterning of the zebrafish pectoral fin bud requires axial retinoic acid signaling. Development (Cambridge), 2006, 133, 2649-2659.	2.5	94
53	Using Gene-History and Expression Analyses to Assess the Involvement of LGI Genes in Human Disorders. Molecular Biology and Evolution, 2005, 22, 2209-2216.	8.9	19
54	Analysis of the very large G-protein coupled receptor gene (Vlgr1/Mass1/USH2C) in zebrafish. Gene, 2005, 353, 200-206.	2.2	18

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55	Cloning of zebrafish T-box genes tbx15 and tbx18 and their expression during embryonic development. Mechanisms of Development, 2002, 114, 137-141.	1.7	51
56	Isolation and Characterisation of the ylmE Homologue of Thermus thermophilus. DNA Sequence, 2001, 11, 507-514.	0.7	4
57	Cloning and Characterisation of the Hint Homologue of the Thermophile Thermus thermophilus. DNA Sequence, 2001, 12, 179-185.	0.7	0