

Massimo Bortolotti

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

1,635
citations

394286

19
h-index

302012

39
g-index

42
all docs

42
docs citations

42
times ranked

1936
citing authors

#	ARTICLE	IF	CITATIONS
1	Xanthine Oxidoreductase-Derived Reactive Species: Physiological and Pathological Effects. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-8.	1.9	184
2	The role of xanthine oxidoreductase and uric acid in metabolic syndrome. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 2557-2565.	1.8	114
3	Saporin-S6: A Useful Tool in Cancer Therapy. <i>Toxins</i> , 2013, 5, 1698-1722.	1.5	113
4	Xanthine oxidoreductase: One enzyme for multiple physiological tasks. <i>Redox Biology</i> , 2021, 41, 101882.	3.9	104
5	Xanthine oxidoreductase in cancer: more than a differentiation marker. <i>Cancer Medicine</i> , 2016, 5, 546-557.	1.3	101
6	Ricin: An Ancient Story for a Timeless Plant Toxin. <i>Toxins</i> , 2019, 11, 324.	1.5	90
7	Ribosome-Inactivating Proteins from Plants: A Historical Overview. <i>Molecules</i> , 2016, 21, 1627.	1.7	88
8	Momordica charantia, a Nutraceutical Approach for Inflammatory Related Diseases. <i>Frontiers in Pharmacology</i> , 2019, 10, 486.	1.6	84
9	Xanthine Oxidoreductase in Drug Metabolism: Beyond a Role as a Detoxifying Enzyme. <i>Current Medicinal Chemistry</i> , 2016, 23, 4027-4036.	1.2	73
10	Metabolic syndrome and cancer risk: The role of xanthine oxidoreductase. <i>Redox Biology</i> , 2019, 21, 101070.	3.9	73
11	Saporin induces multiple death pathways in lymphoma cells with different intensity and timing as compared to ricin. <i>International Journal of Biochemistry and Cell Biology</i> , 2009, 41, 1055-1061.	1.2	68
12	Immunotoxins and Other Conjugates Containing Saporin-S6 for Cancer Therapy. <i>Toxins</i> , 2011, 3, 697-720.	1.5	67
13	Plant Toxin-Based Immunotoxins for Cancer Therapy: A Short Overview. <i>Biomedicines</i> , 2016, 4, 12.	1.4	64
14	Plants Producing Ribosome-Inactivating Proteins in Traditional Medicine. <i>Molecules</i> , 2016, 21, 1560.	1.7	49
15	Characterization of highly toxic type 2 ribosome-inactivating proteins from <i>Adenia lanceolata</i> and <i>Adenia stenodactyla</i> (Passifloraceae). <i>Toxicon</i> , 2007, 50, 94-105.	0.8	47
16	Apoptosis and necroptosis induced by stenodactylin in neuroblastoma cells can be completely prevented through caspase inhibition plus catalase or necrostatin-1. <i>Phytomedicine</i> , 2016, 23, 32-41.	2.3	44
17	Hexadecenoic Fatty Acid Positional Isomers and De Novo PUFA Synthesis in Colon Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2019, 20, 832.	1.8	35
18	Xanthine oxidoreductase: A leading actor in cardiovascular disease drama. <i>Redox Biology</i> , 2021, 48, 102195.	3.9	35

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19	Two Saporin-Containing Immunotoxins Specific for CD20 and CD22 Show Different Behavior in Killing Lymphoma Cells. <i>Toxins</i> , 2017, 9, 182.	1.5	25
20	Bouganin, an Attractive Weapon for Immunotoxins. <i>Toxins</i> , 2018, 10, 323.	1.5	17
21	Immunoconjugates for Osteosarcoma Therapy: Preclinical Experiences and Future Perspectives. <i>Biomedicines</i> , 2018, 6, 19.	1.4	15
22	Pro-Aging Effects of Xanthine Oxidoreductase Products. <i>Antioxidants</i> , 2020, 9, 839.	2.2	14
23	ATGâ€saporinâ€S6 immunotoxin: a new potent and selective drug to eliminate activated lymphocytes and lymphoma cells. <i>British Journal of Haematology</i> , 2009, 147, 710-718.	1.2	13
24	Survival and death of intestinal cells infected by <i>Chlamydia trachomatis</i> . <i>PLoS ONE</i> , 2019, 14, e0215956.	1.1	13
25	[Cu(TPMA)(Phen)](ClO ₄) ₂ : Metallodrug Nanocontainer Delivery and Membrane Lipidomics of a Neuroblastoma Cell Line Coupled with a Liposome Biomimetic Model Focusing on Fatty Acid Reactivity. <i>ACS Omega</i> , 2018, 3, 15952-15965.	1.6	12
26	Antibody Conjugates for Sarcoma Therapy: How Far along Are We?. <i>Biomedicines</i> , 2021, 9, 978.	1.4	12
27	Protein Synthesis Inhibition Activity by Strawberry Tissue Protein Extracts during Plant Life Cycle and under Biotic and Abiotic Stresses. <i>International Journal of Molecular Sciences</i> , 2013, 14, 15532-15545.	1.8	9
28	High in Vitro Anti-Tumor Efficacy of Dimeric Rituximab/Saporin-S6 Immunotoxin. <i>Toxins</i> , 2016, 8, 192.	1.5	9
29	Early Response to the Plant Toxin Stenodactylin in Acute Myeloid Leukemia Cells Involves Inflammatory and Apoptotic Signaling. <i>Frontiers in Pharmacology</i> , 2020, 11, 630.	1.6	9
30	Kirkiin: A New Toxic Type 2 Ribosome-Inactivating Protein from the Caudex of <i>Adenia kirkii</i> . <i>Toxins</i> , 2021, 13, 81.	1.5	9
31	Toxin and Immunotoxin Based Therapeutic Approaches. <i>Toxins</i> , 2022, 14, 63.	1.5	6
32	Crystallization and preliminary X-ray diffraction data analysis of stenodactylin, a highly toxic type 2 ribosome-inactivating protein from <i>Adenia stenodactyla</i> . <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2010, 66, 51-53.	0.7	5
33	Primary Sequence and 3D Structure Prediction of the Plant Toxin Stenodactylin. <i>Toxins</i> , 2020, 12, 538.	1.5	5
34	Transcriptional network inference and master regulator analysis of the response to ribosome-inactivating proteins in leukemia cells. <i>Toxicology</i> , 2020, 441, 152531.	2.0	4
35	Insights into penicillin-induced <i>Chlamydia trachomatis</i> persistence. <i>Microbial Pathogenesis</i> , 2020, 142, 104035.	1.3	4
36	Two different <i>in vitro</i> tests confirm the blocking activity of α -galactose lectins on the adhesion of <i>Escherichia coli</i> F4 to pig brush border receptors. <i>Italian Journal of Animal Science</i> , 2017, 16, 101-107.	0.8	3

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37	Hyperuricaemia, Xanthine Oxidoreductase and Ribosomeâ€inactivating Proteins from Plants: The Contributions of Fiorenzo Stirpe to Frontline Research. <i>Molecules</i> , 2017, 22, 206.	1.7	3
38	Sequence, Structure, and Binding Site Analysis of Kirkiin in Comparison with Ricin and Other Type 2 RIPs. <i>Toxins</i> , 2021, 13, 862.	1.5	3
39	Editorial: Toxic Plant Proteins as Experimental Drugs for Human Pathologies. <i>Frontiers in Pharmacology</i> , 2021, 12, 689924.	1.6	1