

# Anthony J Saviola

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

520  
citations

687363

13  
h-index

713466

21  
g-index

26  
all docs

26  
docs citations

26  
times ranked

702  
citing authors

#	ARTICLE	IF	CITATIONS
1	Apoptosis induction in human breast cancer (MCF-7) cells by a novel venom l-amino acid oxidase (Rusvinoxidase) is independent of its enzymatic activity and is accompanied by caspase-7 activation and reactive oxygen species production. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2015, 20, 1358-1372.	4.9	73
2	Impact of the Identification Strategy on the Reproducibility of the DDA and DIA Results. <i>Journal of Proteome Research</i> , 2020, 19, 3153-3161.	3.7	61
3	Understanding Biological Roles of Venoms Among the Caenophidia: The Importance of Rear-Fanged Snakes. <i>Integrative and Comparative Biology</i> , 2016, 56, 1004-1021.	2.0	47
4	Transcriptomics-guided bottom-up and top-down venomomics of neonate and adult specimens of the arboreal rear-fanged Brown Treesnake, <i>Boiga irregularis</i> , from Guam. <i>Journal of Proteomics</i> , 2018, 174, 71-84.	2.4	47
5	The disintegrin tzabcanin inhibits adhesion and migration in melanoma and lung cancer cells. <i>International Journal of Biological Macromolecules</i> , 2016, 88, 457-464.	7.5	35
6	ETHcD and 213 nm UVPD for Top-Down Analysis of Bovine Seminal Plasma Proteoforms on Electrophoretic and Chromatographic Time Frames. <i>Analytical Chemistry</i> , 2020, 92, 2979-2987.	6.5	26
7	Venom phenotypes of the Rock Rattlesnake ( <i>Crotalus lepidus</i> ) and the Ridge-nosed Rattlesnake ( <i>Crotalus tigris</i> ). <i>Toxicon</i> , 2019, 183, 1-14.	1.6	23
8	Venom Composition in a Phenotypically Variable Pit Viper ( <i>Trimeresurus insularis</i> ) across the Lesser Sunda Archipelago. <i>Journal of Proteome Research</i> , 2019, 18, 2206-2220.	3.7	23
9	Disintegrins of <i>Crotalus simus</i> tzabcan venom: Isolation, characterization and evaluation of the cytotoxic and anti-adhesion activities of tzabcanin, a new RGD disintegrin. <i>Biochimie</i> , 2015, 116, 92-102.	2.6	22
10	The emerging field of venom-microbiomics for exploring venom as a microenvironment, and the corresponding Initiative for Venom Associated Microbes and Parasites (iVAMP). <i>Toxicon</i> , 2019, 4, 100016.	2.9	21
11	Mutual enlightenment: A toolbox of concepts and methods for integrating evolutionary and clinical toxinology via snake venomomics and the contextual stance. <i>Toxicon</i> , 2021, 9-10, 100070.	2.9	21
12	The metabolic/pH sensor soluble adenylyl cyclase is a tumor suppressor protein. <i>Oncotarget</i> , 2016, 7, 45597-45607.	1.8	19
13	Cellular mechanism of resistance of human colorectal adenocarcinoma cells against apoptosis-induction by Russell's Viper venom l-amino acid oxidase (Rusvinoxidase). <i>Biochimie</i> , 2018, 150, 8-15.	2.6	14
14	From venom to drugs: a review and critical analysis of Indian snake venom toxins envisaged as anticancer drug prototypes. <i>Drug Discovery Today</i> , 2021, 26, 993-1005.	6.4	14
15	Phenotypic and functional variation in venom and venom resistance of two sympatric rattlesnakes and their prey. <i>Journal of Evolutionary Biology</i> , 2021, 34, 1447-1465.	1.7	14
16	Ontogenetic shift in response to prey-derived chemical cues in prairie rattlesnakes <i>Crotalus viridis viridis</i> . <i>Environmental Epigenetics</i> , 2012, 58, 549-555.	1.8	11
17	Proteomics of Select Neglected Tropical Diseases. <i>Annual Review of Analytical Chemistry</i> , 2020, 13, 315-336.	5.4	9
18	Integration of transcriptomic and proteomic approaches for snake venom profiling. <i>Expert Review of Proteomics</i> , 2021, 18, 827-834.	3.0	9

#	ARTICLE	IF	CITATIONS
19	State-of-the-art review - A review on snake venom-derived antithrombotics: Potential therapeutics for COVID-19-associated thrombosis?. International Journal of Biological Macromolecules, 2021, 192, 1040-1057.	7.5	9
20	Biochemical and Proteomic Characterization, and Pharmacological Insights of Indian Red Scorpion Venom Toxins. Frontiers in Pharmacology, 2021, 12, 710680.	3.5	5
21	Response of Western Diamondback Rattlesnakes ( <i>Crotalus Atrox</i> ) to Chemical Cues of Mice ( <i>Mus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlo	0.9	2
22	Chemosensory response in stunted prairie rattlesnakes <i>Crotalus viridis viridis</i> . Environmental Epigenetics, 2013, 59, 175-179.	1.8	2
23	Observations on the chemosensory responses of the midget faded rattlesnake ( <i>Crotalus oreganus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlo 245-250.	0.8	2
24	Human and Bacterial Toll-Interleukin Receptor Domains Exhibit Distinct Dynamic Features and Functions. Molecules, 2022, 27, 4494.	3.8	2