

# Ana Rotter

## List of Publications by Year in descending order

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Version: 2024-02-01

51  
papers

2,181  
citations

218381

26  
h-index

253896

43  
g-index

52  
all docs

52  
docs citations

52  
times ranked

3152  
citing authors

#	ARTICLE	IF	CITATIONS
1	Upregulation of Cathepsin X in Glioblastoma: Interplay with $\beta$ -Enolase and the Effects of Selective Cathepsin X Inhibitors. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1784.	1.8	9
2	Microplastics pollution: a thriller with many leading roles and an unknown ending. , 2022, , 275-306.		0
3	Deregulation of whole-transcriptome gene expression in zebrafish ( <i>Danio rerio</i> ) after chronic exposure to low doses of imatinib mesylate in a complete life cycle study. <i>Chemosphere</i> , 2021, 263, 128097.	4.2	9
4	The Essentials of Marine Biotechnology. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	75
5	A New Tool for Faster Construction of Marine Biotechnology Collaborative Networks. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	7
6	Cystatin F acts as a mediator of immune suppression in glioblastoma. <i>Cellular Oncology (Dordrecht)</i> , 2021, 44, 1051-1063.	2.1	8
7	Sequestration of Polystyrene Microplastics by Jellyfish Mucus. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	13
8	Single-Use Plastic Bans: Exploring Stakeholder Perspectives on Best Practices for Reducing Plastic Pollution. <i>Environments - MDPI</i> , 2021, 8, 81.	1.5	15
9	TRIM28 Selective Nanobody Reduces Glioblastoma Stem Cell Invasion. <i>Molecules</i> , 2021, 26, 5141.	1.7	16
10	Grass Growth and N <sub>2</sub> O Emissions From Soil After Application of Jellyfish in Coastal Areas. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	4
11	Valorization of Marine Waste: Use of Industrial By-Products and Beach Wrack Towards the Production of High Added-Value Products. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	35
12	Marine Anticancer Agents: An Overview with a Particular Focus on Their Chemical Classes. <i>Marine Drugs</i> , 2020, 18, 619.	2.2	62
13	A New Network for the Advancement of Marine Biotechnology in Europe and Beyond. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	22
14	Non-indigenous Species in the Mediterranean Sea: Turning From Pest to Source by Developing the 8Rs Model, a New Paradigm in Pollution Mitigation. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	20
15	CCR5-Mediated Signaling is Involved in Invasion of Glioblastoma Cells in Its Microenvironment. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4199.	1.8	42
16	A perspective on the potential of using marine organic fertilizers for the sustainable management of coastal ecosystem services. <i>Environmental Sustainability</i> , 2020, 3, 105-115.	1.4	34
17	Between source and sea: The role of wastewater treatment in reducing marine microplastics. <i>Journal of Environmental Management</i> , 2020, 266, 110642.	3.8	122
18	Marine Environmental Plastic Pollution: Mitigation by Microorganism Degradation and Recycling Valorization. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	86

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19	Detection of Active Microbial Enzymes in Nascent Sea Spray Aerosol: Implications for Atmospheric Chemistry and Climate. <i>Environmental Science and Technology Letters</i> , 2019, 6, 171-177.	3.9	28
20	Genotoxic effects of the cyanobacterial pentapeptide nodularin in HepG2 cells. <i>Food and Chemical Toxicology</i> , 2019, 124, 349-358.	1.8	9
21	Phytoplankton diversity in Adriatic ports: Lessons from the port baseline survey for the management of harmful algal species. <i>Marine Pollution Bulletin</i> , 2019, 147, 117-132.	2.3	26
22	Statistical modeling of long-term grapevine response to <i>Candidatus Phytoplasma solani</i> ™ infection in the field. <i>European Journal of Plant Pathology</i> , 2018, 150, 653-668.	0.8	26
23	Any signs of replacement of canopy-forming algae by turf-forming algae in the northern Adriatic Sea?. <i>Ecological Indicators</i> , 2018, 87, 272-284.	2.6	21
24	Dose-Modifying Factor of Radiation Therapy with Concurrent Cisplatin Treatment in HPV-Positive Squamous Cell Carcinoma: A Preclinical Study. <i>Radiation Research</i> , 2018, 189, 644.	0.7	11
25	Why We Need Sustainable Networks Bridging Countries, Disciplines, Cultures and Generations for Aquatic Biomonitoring 2.0: A Perspective Derived From the DNAqua-Net COST Action. <i>Advances in Ecological Research</i> , 2018, 58, 63-99.	1.4	120
26	quantGenius: implementation of a decision support system for qPCR-based gene quantification. <i>BMC Bioinformatics</i> , 2017, 18, 276.	1.2	64
27	Mesenchymal stem cells differentially affect the invasion of distinct glioblastoma cell lines. <i>Oncotarget</i> , 2017, 8, 25482-25499.	0.8	58
28	Integrated omics approaches provide strategies for rapid erythromycin yield increase in <i>Saccharopolyspora erythraea</i> . <i>Microbial Cell Factories</i> , 2016, 15, 93.	1.9	24
29	Influence of selected anti-cancer drugs on the induction of DNA double-strand breaks and changes in gene expression in human hepatoma HepG2 cells. <i>Environmental Science and Pollution Research</i> , 2016, 23, 14751-14761.	2.7	21
30	LAMP assay and rapid sample preparation method for on-site detection of flavescence dorée phytoplasma in grapevine. <i>Plant Pathology</i> , 2015, 64, 286-296.	1.2	76
31	Clitocyprin, a fungal cysteine protease inhibitor, exerts its insecticidal effect on Colorado potato beetle larvae by inhibiting their digestive cysteine proteases. <i>Pesticide Biochemistry and Physiology</i> , 2015, 122, 59-66.	1.6	32
32	Assessment of toxicity and genotoxicity of low doses of 5-fluorouracil in zebrafish ( <i>Danio rerio</i> ) two-generation study. <i>Water Research</i> , 2015, 77, 201-212.	5.3	81
33	Expression Analysis of All Protease Genes Reveals Cathepsin K to Be Overexpressed in Glioblastoma. <i>PLoS ONE</i> , 2014, 9, e111819.	1.1	40
34	GoMapMan: integration, consolidation and visualization of plant gene annotations within the MapMan ontology. <i>Nucleic Acids Research</i> , 2014, 42, D1167-D1175.	6.5	108
35	A Defense of Eastern European Science. <i>Science</i> , 2014, 343, 839-839.	6.0	4
36	Potato virus Y infection hinders potato defence response and renders plants more vulnerable to Colorado potato beetle attack. <i>Molecular Ecology</i> , 2014, 23, 5378-5391.	2.0	41

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37	The Duality of Stem Cells: Double-Edged Sword in tumor Evolution and Treatment. , 2013, , 391-433.		3
38	Insertion of a Specific Fungal 3â€²-phosphoadenosine-5â€²-phosphatase Motif into a Plant Homologue Improves Halotolerance and Drought Tolerance of Plants. PLoS ONE, 2013, 8, e81872.	1.1	14
39	Human Mesenchymal Stem Cells Exploit the Immune Response Mediating Chemokines to Impact the Phenotype of Glioblastoma. Cell Transplantation, 2012, 21, 1529-1545.	1.2	46
40	Revealing fosfomycin primary effect on Staphylococcus aureus transcriptome: modulation of cell envelope biosynthesis and phosphoenolpyruvate induced starvation. BMC Microbiology, 2010, 10, 159.	1.3	30
41	Aggressive and mild <i>Potato virus Y</i> isolates trigger different specific responses in susceptible potato plants. Plant Pathology, 2010, 59, 1121-1132.	1.2	50
42	Gene Expression Data Analysis Using Closed Itemset Mining for Labeled Data. OMICS A Journal of Integrative Biology, 2010, 14, 177-186.	1.0	1
43	VisualisationVISUALISATION of Transcriptomic TRANSCRIPTOMICS s Data in Metabolic Pathways. , 2010, , 335-342.		0
44	'Bois noir' phytoplasma induces significant reprogramming of the leaf transcriptome in the field grown grapevine. BMC Genomics, 2009, 10, 460.	1.2	149
45	Gene expression profiling in susceptible interaction of grapevine with its fungal pathogen Eutypa lata: Extending MapMan ontology for grapevine. BMC Plant Biology, 2009, 9, 104.	1.6	51
46	Induced expression of sucrose synthase and alcohol dehydrogenase I genes in phytoplasmaâ€infecte grapevine plants grown in the field. Plant Pathology, 2009, 58, 170-180.	1.2	54
47	PVY<sup>NTN</sup> elicits a diverse gene expression response in different potato genotypes in the first 12Âh after inoculation. Molecular Plant Pathology, 2009, 10, 263-275.	2.0	97
48	Finding Differentially Expressed Genes in Two-Channel DNA Microarray Datasets: How to Increase Reliability of Data Preprocessing. OMICS A Journal of Integrative Biology, 2008, 12, 171-182.	1.0	12
49	Adaptation of the MapMan ontology to biotic stress responses: application in solanaceous species. Plant Methods, 2007, 3, 10.	1.9	74
50	Realâ€time PCR detection systems for Flavescence dorÃ©e and Bois noir phytoplasmas in grapevine: comparison with conventional PCR detection and application in diagnostics. Plant Pathology, 2007, 56, 785-796.	1.2	76
51	DNAqua-Net: Developing new genetic tools for bioassessment and monitoring of aquatic ecosystems in Europe. Research Ideas and Outcomes, 0, 2, e11321.	1.0	154