

# Marina Fomina

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/209187/publications.pdf>

Version: 2024-02-01

19  
papers

1,844  
citations

623734

14  
h-index

888059

17  
g-index

20  
all docs

20  
docs citations

20  
times ranked

2317  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biosorption: current perspectives on concept, definition and application. <i>Bioresource Technology</i> , 2014, 160, 3-14.	9.6	827
2	Oxalate production by fungi: significance in geomycology, biodeterioration and bioremediation. <i>Fungal Biology Reviews</i> , 2014, 28, 36-55.	4.7	291
3	Rock-Building Fungi. <i>Geomicrobiology Journal</i> , 2010, 27, 624-629.	2.0	78
4	Role of fungi in the biogeochemical fate of depleted uranium. <i>Current Biology</i> , 2008, 18, R375-R377.	3.9	77
5	Uranium and Fungi. <i>Geomicrobiology Journal</i> , 2011, 28, 471-482.	2.0	71
6	Microbial Interaction with Clay Minerals and Its Environmental and Biotechnological Implications. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 861.	2.0	66
7	X-ray absorption spectroscopy (XAS) of toxic metal mineral transformations by fungi. <i>Environmental Microbiology</i> , 2007, 9, 308-321.	3.8	64
8	Metal sorption by biomass of melanin-producing fungi grown in clay-containing medium. <i>Journal of Chemical Technology and Biotechnology</i> , 2003, 78, 23-34.	3.2	59
9	Nutritional influence on the ability of fungal mycelia to penetrate toxic metal-containing domains. <i>Mycological Research</i> , 2003, 107, 861-871.	2.5	57
10	Negative fungal chemotropism to toxic metals. <i>FEMS Microbiology Letters</i> , 2000, 193, 207-211.	1.8	55
11	Zinc Phosphate Transformations by the <i>Paxillus involutus</i> /Pine Ectomycorrhizal Association. <i>Microbial Ecology</i> , 2006, 52, 322-333.	2.8	50
12	Influence of clay minerals on the morphology of fungal pellets. <i>Mycological Research</i> , 2002, 106, 107-117.	2.5	47
13	Fungal dissolution and transformation of minerals: significance for nutrient and metal mobility. , 2006, , 236-266.		24
14	Toxic Metals and Fungal Communities. <i>Mycology</i> , 2005, , 733-758.	0.5	19
15	A new <i>Rhodococcus aetherivorans</i> strain isolated from lubricant-contaminated soil as a prospective phenol-biodegrading agent. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 3611-3625.	3.6	18
16	Fungal roles and function in rock, mineral and soil transformations. , 0, , 201-232.		13
17	Biogeochemical spatio-temporal transformation of copper in <i>Aspergillus niger</i> colonies grown on malachite with different inorganic nitrogen sources. <i>Environmental Microbiology</i> , 2017, 19, 1310-1321.	3.8	12
18	Mineral transformations and biogeochemical cycles: a geomycological perspective. , 2007, , 77-111.		6

#	ARTICLE	IF	CITATIONS
19	Effect of depleted uranium on a soil microcosm fungal community and influence of a plant-ectomycorrhizal association. <i>Fungal Biology</i> , 2020, 124, 289-296.	2.5	6