

# Assunta NUZZO

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8063820/publications.pdf>

Version: 2024-02-01

18  
papers

365  
citations

758635

12  
h-index

887659

17  
g-index

18  
all docs

18  
docs citations

18  
times ranked

439  
citing authors

#	ARTICLE	IF	CITATIONS
1	Humic-like bioactivity on emergence and early growth of maize ( <i>Zea mays</i> L.) of water-soluble lignins isolated from biomass for energy. <i>Plant and Soil</i> , 2016, 402, 221-233.	1.8	50
2	Conformational changes of dissolved humic and fulvic superstructures with progressive iron complexation. <i>Journal of Geochemical Exploration</i> , 2013, 129, 1-5.	1.5	47
3	Hybrid humic acid/titanium dioxide nanomaterials as highly effective antimicrobial agents against gram(+) pathogens and antibiotic contaminants in wastewater. <i>Environmental Research</i> , 2021, 193, 110562.	3.7	36
4	Infrared spectra of soil organic matter under a primary vegetation sequence. <i>Chemical and Biological Technologies in Agriculture</i> , 2020, 7, .	1.9	28
5	Enhanced catechol oxidation by heterogeneous biomimetic catalysts immobilized on clay minerals. <i>Journal of Molecular Catalysis A</i> , 2013, 371, 8-14.	4.8	25
6	Oxidative and Photooxidative Polymerization of Humic Suprastructures by Heterogeneous Biomimetic Catalysis. <i>Biomacromolecules</i> , 2013, 14, 1645-1652.	2.6	24
7	Effective carbon sequestration in Italian agricultural soils by <i>in situ</i> polymerization of soil organic matter under biomimetic photocatalysis. <i>Land Degradation and Development</i> , 2018, 29, 485-494.	1.8	24
8	Structural recognition of lignin isolated from bioenergy crops by subcritical water: ethanol extraction. <i>Fuel Processing Technology</i> , 2015, 138, 637-644.	3.7	23
9	Tuning Functional Behavior of Humic Acids through Interactions with StÄrber Silica Nanoparticles. <i>Polymers</i> , 2020, 12, 982.	2.0	19
10	In situ photo-polymerization of soil organic matter by heterogeneous nano-TiO <sub>2</sub> and biomimetic metal-porphyrin catalysts. <i>Biology and Fertility of Soils</i> , 2016, 52, 585-593.	2.3	14
11	Effective degradation of organic pollutants in aqueous media by microbial strains isolated from soil of a contaminated industrial site. <i>Chemical and Biological Technologies in Agriculture</i> , 2016, 3, .	1.9	14
12	Novel Humo-Pectic Hydrogels for Controlled Release of Agroproducts. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 10079-10088.	3.2	13
13	pH-controlled release of auxin plant hormones from cucurbit[7]uril macrocycle. <i>Chemical and Biological Technologies in Agriculture</i> , 2014, 1, 2.	1.9	11
14	Degradation of 2,4-dichlorophenol and coupling into humic matter by oxidative biomimetic catalysis with iron-porphyrin. <i>Journal of Geochemical Exploration</i> , 2013, 129, 28-33.	1.5	10
15	Potential alteration of iron-humate complexes by plant root exudates and microbial siderophores. <i>Chemical and Biological Technologies in Agriculture</i> , 2018, 5, .	1.9	9
16	In situ polymerization of soil organic matter by oxidative biomimetic catalysis. <i>Chemical and Biological Technologies in Agriculture</i> , 2017, 4, .	1.9	7
17	Bio-Based Hydrogels Composed of Humic Matter and Pectins of Different Degree of Methyl-Esterification. <i>Molecules</i> , 2020, 25, 2936.	1.7	6
18	Molecular Properties and Functions of Humic Substances and Humic-Like Substances (HULIS) from Biomass and Their Transformation Products. , 2016, , 85-114.		5