

# Elisa Isotahdon

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2585194/publications.pdf>

Version: 2024-02-01

13  
papers

170  
citations

1163117

8  
h-index

1125743

13  
g-index

13  
all docs

13  
docs citations

13  
times ranked

155  
citing authors

#	ARTICLE	IF	CITATIONS
1	Corrosion behaviour of sintered Nd-Fe-B magnets. <i>Materials Chemistry and Physics</i> , 2012, 135, 762-771.	4.0	35
2	Characterization of the microstructure and corrosion performance of Ce-alloyed Nd-Fe-B magnets. <i>Journal of Alloys and Compounds</i> , 2017, 692, 190-197.	5.5	26
3	Tribocorrosion behaviour of aluminium bronze in 3.5 wt.% NaCl solution. <i>Corrosion Science</i> , 2018, 144, 207-223.	6.6	25
4	Corrosion mechanisms of sintered Nd-Fe-B magnets in the presence of water as vapour, pressurised vapour and liquid. <i>Journal of Alloys and Compounds</i> , 2015, 626, 349-359.	5.5	21
5	Corrosion-induced microstructure degradation of copper in sulfide-containing simulated anoxic groundwater studied by synchrotron high-energy X-ray diffraction and ab-initio density functional theory calculation. <i>Corrosion Science</i> , 2021, 184, 109390.	6.6	15
6	The effect of aging on heat-resistant cast stainless steels. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2014, 589, 189-198.	5.6	12
7	Corrosion protection provided by electrolytic nickel and tin coatings for Nd-Fe-B magnets. <i>Journal of Alloys and Compounds</i> , 2014, 585, 203-213.	5.5	12
8	Tribocorrosion behaviour of two low-alloy steel grades in simulated waste solution. <i>Tribology International</i> , 2019, 138, 250-262.	5.9	8
9	Enhanced photoactive and photoelectrochemical properties of TiO <sub>2</sub> sol-gel coated steel by the application of SiO <sub>2</sub> intermediate layer. <i>Applied Catalysis B: Environmental</i> , 2015, 174-175, 533-543.	20.2	7
10	A Comparison of Different Natural Groundwaters from Repository Sites' Corrosivity, Chemistry and Microbial Community. <i>Corrosion and Materials Degradation</i> , 2021, 2, 603-624.	2.4	3
11	Corrosion Losses in Sintered (Nd, Dy)-Fe-B Magnets for Different Geometries. <i>IEEE Magnetics Letters</i> , 2016, 7, 1-4.	1.1	2
12	Development of Magnetic Losses During Accelerated Corrosion Tests for Nd-Fe-B Magnets Used in Permanent Magnet Generators. <i>Corrosion</i> , 2016, 72, 732-741.	1.1	2
13	Reply to Comment on "Corrosion-induced microstructure degradation of copper in sulfide-containing simulated anoxic groundwater studied by synchrotron high-energy X-ray diffraction and ab-initio density functional theory calculation". <i>Corrosion Science</i> , 2022, 199, 110183.	6.6	2