

# Suzanne Morsch

## List of Publications by Year in descending order

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26  
papers

637  
citations

623699

14  
h-index

580810

25  
g-index

26  
all docs

26  
docs citations

26  
times ranked

765  
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular origins of Epoxy-Amine/Iron oxide interphase formation. Journal of Colloid and Interface Science, 2022, 613, 415-425.	9.4	12
2	Internal topology and water transport in tetrafunctional epoxy resins. Journal of Applied Polymer Science, 2022, 139, .	2.6	1
3	Local oxidation of the buried epoxy-amine/iron oxide interphase. Progress in Organic Coatings, 2021, 160, 106516.	3.9	2
4	Reflectance in AFM-IR: Implications for Interpretation and Remote Analysis of the Buried Interface. Analytical Chemistry, 2020, 92, 8117-8124.	6.5	14
5	Spectroscopic insights into adhesion failure at the buried epoxy-metal interphase using AFM-IR. Surface and Interface Analysis, 2020, 52, 1139-1144.	1.8	5
6	Examining the early stages of thermal oxidative degradation in epoxy-amine resins. Polymer Degradation and Stability, 2020, 176, 109147.	5.8	34
7	Exploring Whether a Buried Nanoscale Interphase Exists within Epoxy-Amine Coatings: Implications for Adhesion, Fracture Toughness, and Corrosion Resistance. ACS Applied Nano Materials, 2019, 2, 2494-2502.	5.0	15
8	Controlling the nanostructure of epoxy resins: Reaction selectivity and stoichiometry. Polymer, 2018, 143, 10-18.	3.8	25
9	Chemical Analysis of Solid Insulation Degradation using the AFM-IR Technique. , 2018, , .		1
10	The Unexpected Role of Carbonate Impurities in Polyphosphate Corrosion Inhibition. Scientific Reports, 2018, 8, 17450.	3.3	18
11	Nanoscale infrared identification and mapping of chemical functional groups on graphene. Carbon, 2018, 139, 317-324.	10.3	39
12	The degradation mechanism of an epoxy-phenolic can coating. Progress in Organic Coatings, 2017, 102, 37-43.	3.9	45
13	Investigating the Photocatalytic Degradation of Oil Paint using ATR-IR and AFM-IR. ACS Applied Materials & Interfaces, 2017, 9, 10169-10179.	8.0	46
14	Molecularly controlled epoxy network nanostructures. Polymer, 2017, 108, 146-153.	3.8	30
15	AFM-IR insights into the chemistry of interfacial tracking. Journal of Materials Chemistry A, 2017, 5, 24508-24517.	10.3	33
16	Insights into Epoxy Network Nanostructural Heterogeneity Using AFM-IR. ACS Applied Materials & Interfaces, 2016, 8, 959-966.	8.0	100
17	Mapping water uptake in an epoxy-phenolic coating. Progress in Organic Coatings, 2015, 86, 173-180.	3.9	34
18	Features in aluminium alloy grains and their effects on anodizing and corrosion. Surface and Coatings Technology, 2015, 277, 91-98.	4.8	20

#	ARTICLE	IF	CITATIONS
19	Corrosion control: general discussion. Faraday Discussions, 2015, 180, 543-576.	3.2	12
20	Mapping water uptake in organic coatings using AFM-IR. Faraday Discussions, 2015, 180, 527-542.	3.2	54
21	The generation of artificial microscopic defects in organic coatings by AFM scratching. Corrosion Science, 2015, 100, 517-523.	6.6	13
22	Water transport in an epoxy-phenolic coating. Progress in Organic Coatings, 2015, 78, 293-299.	3.9	43
23	Nanoplasma surface electrification. Journal of Materials Chemistry, 2012, 22, 3922.	6.7	8
24	A Combined Plasmachemical and Emulsion Templating Approach for Actuated Macroporous Scaffolds. Advanced Functional Materials, 2012, 22, 313-322.	14.9	7
25	Tailoring the Density of Surface-Tethered Bottlebrushes. Langmuir, 2011, 27, 14151-14159.	3.5	9
26	Surface Actuation of Smart Nanoshutters. Langmuir, 2010, 26, 12342-12350.	3.5	17