

# Javier Saiz-Poseu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2519024/publications.pdf>

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13  
papers

1,473  
citations

840119

11  
h-index

1125271

13  
g-index

14  
all docs

14  
docs citations

14  
times ranked

2531  
citing authors

#	ARTICLE	IF	CITATIONS
1	Formation and evolution of the nanoparticle environmental corona: The case of Au and humic acid. <i>Science of the Total Environment</i> , 2021, 768, 144792.	3.9	22
2	The Chemistry behind Catechol-Based Adhesion. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 696-714.	7.2	509
3	Spin-Crossover in an Exfoliated 2D Coordination Polymer and Its Implementation in Thermochromic Films. <i>ACS Applied Nano Materials</i> , 2018, 1, 2662-2668.	2.4	22
4	Copolymerization of a Catechol and a Diamine as a Versatile Polydopamine-Like Platform for Surface Functionalization: The Case of a Hydrophobic Coating. <i>Biomimetics</i> , 2017, 2, 22.	1.5	32
5	Biocompatible polydopamine-like particles for the removal of heavy metals at extremely low concentrations. <i>RSC Advances</i> , 2016, 6, 40058-40066.	1.7	28
6	Mussel-Inspired Hydrophobic Coatings for Water-Repellent Textiles and Oil Removal. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 17616-17625.	4.0	50
7	Catechol-Based Biomimetic Functional Materials. <i>Advanced Materials</i> , 2013, 25, 653-701.	11.1	638
8	Versatile Nanostructured Materials via Direct Reaction of Functionalized Catechols. <i>Advanced Materials</i> , 2013, 25, 2066-2070.	11.1	93
9	Biomimetics: Catechol-Based Biomimetic Functional Materials (Adv. Mater. 5/2013). <i>Advanced Materials</i> , 2013, 25, 792-792.	11.1	8
10	Self-assembly of alkylcatechols on HOPG investigated by scanning tunneling microscopy and molecular dynamics simulations. <i>CrystEngComm</i> , 2012, 14, 264-271.	1.3	17
11	Self-assembly of a catechol-based macrocycle at the liquid-solid interface: experiments and molecular dynamics simulations. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 11937.	1.3	14
12	Switchable Self-Assembly of a Bioinspired Alkyl Catechol at a Solid/Liquid Interface: Competitive Interfacial, Noncovalent, and Solvent Interactions. <i>Chemistry - A European Journal</i> , 2012, 18, 3056-3063.	1.7	30
13	Synthesis, X-ray Structure and Reactivity of a Sterically Protected Azobisphenol Ligand: On the Quest for New Multifunctional Active Ligands. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 2278-2285.	1.0	10