

# Josep Sedà<sup>3</sup>-Vegara

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4404592/publications.pdf>

Version: 2024-02-01

14  
papers

1,137  
citations

686830

13  
h-index

1058022

14  
g-index

15  
all docs

15  
docs citations

15  
times ranked

2157  
citing authors

#	ARTICLE	IF	CITATIONS
1	Catechol-Based Biomimetic Functional Materials. <i>Advanced Materials</i> , 2013, 25, 653-701.	11.1	638
2	Versatile Nanostructured Materials via Direct Reaction of Functionalized Catechols. <i>Advanced Materials</i> , 2013, 25, 2066-2070.	11.1	93
3	Synthesis and Properties of Novel Highly Fluorescent Pyrrolopyridazine Derivatives. <i>Chemistry of Materials</i> , 2003, 15, 3759-3768.	3.2	63
4	Temperature-Controlled Switchable Photochromism in Solid Materials. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 15044-15048.	7.2	58
5	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
6	Synthesis, X-ray Structure, and Electrochemical Oxidative Coupling Reactions of 1,5- and 2,6-Bis(1,4-dithiafulven-6-yl)naphthalenes. <i>Journal of Organic Chemistry</i> , 1999, 64, 3498-3506.	1.7	39
7	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
8	Bioinspired Catechol-Terminated Self-Assembled Monolayers with Enhanced Adhesion Properties. <i>Small</i> , 2014, 10, 1594-1602.	5.2	31
9	Polydopamine-like Coatings as Payload Gatekeepers for Mesoporous Silica Nanoparticles. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 7661-7669.	4.0	31
10	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
11	Bioinspired Functional Catechol Derivatives through Simple Thiol Conjugate Addition. <i>Chemistry - A European Journal</i> , 2019, 25, 12367-12379.	1.7	22
12	Stereoisomerism of Molecular Multipropellers. 2. Dynamic Stereochemistry of Bis- and Tris-Triaryl Systems. <i>Journal of Organic Chemistry</i> , 2001, 66, 1579-1589.	1.7	20
13	Stereoisomerism of Molecular Multipropellers. 1. Static Stereochemistry of Bis- and Tris-triaryl Systems. <i>Journal of Organic Chemistry</i> , 2001, 66, 1567-1578.	1.7	19
14	Replacing Nitrogen by Sulfur: From Structurally Disordered Eumelanins to Regioregular Thiomelanin Polymers. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2169.	1.8	13