

# Itxaso Azcune

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

787  
citations

623734

14  
h-index

794594

19  
g-index

23  
all docs

23  
docs citations

23  
times ranked

1311  
citing authors

#	ARTICLE	IF	CITATIONS
1	Aromatic disulfide crosslinks in polymer systems: Self-healing, reprocessability, recyclability and more. <i>European Polymer Journal</i> , 2016, 84, 147-160.	5.4	234
2	Synthesis of Pyrrolidinium-Based Poly(ionic liquid) Electrolytes with Poly(ethylene glycol) Side Chains. <i>Chemistry of Materials</i> , 2012, 24, 1583-1590.	6.7	131
3	The performance of affordable and stable cellulose-based poly-ionic membranes in CO <sub>2</sub> /N <sub>2</sub> and CO <sub>2</sub> /CH <sub>4</sub> gas separation. <i>Journal of Membrane Science</i> , 2018, 564, 552-561.	8.2	69
4	Fully Biodegradable Biocomposites with High Chicken Feather Content. <i>Polymers</i> , 2017, 9, 593.	4.5	52
5	“Click”-Synthesis of Nonsymmetrical Bis(1,2,3-triazoles). <i>Organic Letters</i> , 2010, 12, 1584-1587.	4.6	45
6	“Click”-Saccharide/ $\beta$ -Lactam Hybrids for Lectin Inhibition. <i>Organic Letters</i> , 2008, 10, 2227-2230.	4.6	38
7	Introducing Axial Chirality into Mesoionic 4,4'-Bis(1,2,3-triazole) Dicarbenes. <i>Organic Letters</i> , 2012, 14, 1866-1868.	4.6	29
8	Facile and Scalable Synthesis of Nanoporous Materials Based on Poly(ionic liquid)s. <i>ChemSusChem</i> , 2014, 7, 3407-3412.	6.8	28
9	Effect of Regioisomerism on Processability and Mechanical Properties of Amine/Urea Exchange Based Poly(urea-urethane) Vitrimers. <i>ACS Applied Polymer Materials</i> , 2019, 1, 2472-2481.	4.4	25
10	Nitrogen-doped graphene with enhanced oxygen reduction activity produced by pyrolysis of graphene functionalized with imidazole derivatives. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 12749-12756.	7.1	24
11	The effect of matrix on shape properties of aromatic disulfide based epoxy vitrimers. <i>European Polymer Journal</i> , 2021, 148, 110362.	5.4	23
12	Functionalization of Cellulose Nanocrystals in Choline Lactate Ionic Liquid. <i>Materials</i> , 2016, 9, 499.	2.9	17
13	Build-To-Specification Vanillin and Phloroglucinol Derived Biobased Epoxy-Amine Vitrimers. <i>Polymers</i> , 2020, 12, 2645.	4.5	17
14	“Click”™ Synthesis of Nonsymmetrical 4,4'-Bis(1,2,3-triazolium) Salts. <i>Synthesis</i> , 2011, 2011, 2737-2742.	2.3	15
15	Carbon nanotubes/chitin nanowhiskers aerogel achieved by quaternization-induced gelation. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	2.6	12
16	Influence of ionic liquid-like cationic pendants composition in cellulose based polyelectrolytes on membrane-based CO <sub>2</sub> separation. <i>Carbohydrate Polymers</i> , 2021, 255, 117375.	10.2	9
17	Design, synthesis and evaluation of $\beta$ -lactam antigenic peptide hybrids; unusual opening of the $\beta$ -lactam ring in acidic media. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 5345.	2.8	8
18	Flexible Biocomposites with Enhanced Interfacial Compatibility Based on Keratin Fibers and Sulfur-Containing Poly(urea-urethane)s. <i>Polymers</i> , 2018, 10, 1056.	4.5	7

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19	Modulating Lectin Inhibition with <i>N</i> -Glycosyl-1,2,3-triazole Scaffolds. European Journal of Organic Chemistry, 2013, 2013, 2434-2444.	2.4	4
20	Chapter Poly(Ionic Liquid)s and Nanoobjects. , 2015, , 323-353.		0