

# Alaitz Ruiz de Luzuriaga

## List of Publications by Year in descending order

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19  
papers

2,176  
citations

516215

16  
h-index

794141

19  
g-index

20  
all docs

20  
docs citations

20  
times ranked

2247  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical control of the aromatic disulfide exchange kinetics for tailor-made epoxy vitrimers. <i>Polymer</i> , 2022, 239, 124457.	1.8	35
2	Study into the Mechanical Properties of a New Aeronautic-Grade Epoxy-Based Carbon-Fiber-Reinforced Vitriimer. <i>Polymers</i> , 2022, 14, 1223.	2.0	11
3	The effect of matrix on shape properties of aromatic disulfide based epoxy vitrimers. <i>European Polymer Journal</i> , 2021, 148, 110362.	2.6	23
4	Recyclable flame-retardant epoxy composites based on disulfide bonds: Flammability and recyclability. <i>Composites Communications</i> , 2021, 25, 100754.	3.3	36
5	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.	2.0	25
6	Reprocessable and recyclable crosslinked poly(urea-urethane)s based on dynamic amine/urea exchange. <i>Polymer</i> , 2018, 145, 127-136.	1.8	77
7	Development and characterisation of dynamic bi-phase (epoxy/PU) composites for enhanced impact resistance. <i>Composites Part B: Engineering</i> , 2018, 155, 122-131.	5.9	18
8	Transient mechanochromism in epoxy vitriimer composites containing aromatic disulfide crosslinks. <i>Journal of Materials Chemistry C</i> , 2016, 4, 6220-6223.	2.7	125
9	Epoxy resin with exchangeable disulfide crosslinks to obtain reprocessable, repairable and recyclable fiber-reinforced thermoset composites. <i>Materials Horizons</i> , 2016, 3, 241-247.	6.4	613
10	“Metallophilic crosslinking” to provide fast-curing and mendable poly(urethane-metallothiolate) elastomers. <i>Journal of Polymer Science Part A</i> , 2015, 53, 1061-1066.	2.5	12
11	Mixing the immiscible: blends of dynamic polymer networks. <i>RSC Advances</i> , 2015, 5, 17514-17518.	1.7	35
12	Catalyst-free room-temperature self-healing elastomers based on aromatic disulfide metathesis. <i>Materials Horizons</i> , 2014, 1, 237-240.	6.4	686
13	The processability of a poly(urea-urethane) elastomer reversibly crosslinked with aromatic disulfide bridges. <i>Journal of Materials Chemistry A</i> , 2014, 2, 5710.	5.2	215
14	Synthesis of Pyrrolidinium-Based Poly(ionic liquid) Electrolytes with Poly(ethylene glycol) Side Chains. <i>Chemistry of Materials</i> , 2012, 24, 1583-1590.	3.2	131
15	Influence of Anion Exchange in Self-Assembling of Polymeric Ionic Liquid Block Copolymers. <i>Macromolecules</i> , 2011, 44, 4936-4941.	2.2	50
16	Design and stabilization of block copolymer micelles via phenol-pyridine hydrogen-bonding interactions. <i>Polymer</i> , 2010, 51, 1355-1362.	1.8	14
17	Phase diagrams in compressible weakly interacting all-polymer nanocomposites. <i>Journal of Chemical Physics</i> , 2009, 130, 084905.	1.2	16
18	Key role of entropy in nanoparticle dispersion: polystyrene-nanoparticle/linear-polystyrene nanocomposites as a model system. <i>Physical Chemistry Chemical Physics</i> , 2008, 10, 650-651.	1.3	30

#	ARTICLE	IF	CITATIONS
19	A Theoretical Investigation of Polymer-Nanoparticles as Miscibility Improvers in All-Polymer Nanocomposites. Journal of Nano Research, 0, 2, 105-114.	0.8	7