

# Etienne Ducrot

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6576765/publications.pdf>

Version: 2024-02-01

13  
papers

1,841  
citations

687363

13  
h-index

1125743

13  
g-index

14  
all docs

14  
docs citations

14  
times ranked

2294  
citing authors

#	ARTICLE	IF	CITATIONS
1	Toughening Elastomers with Sacrificial Bonds and Watching Them Break. <i>Science</i> , 2014, 344, 186-189.	12.6	842
2	Crystallization of DNA-coated colloids. <i>Nature Communications</i> , 2015, 6, 7253.	12.8	217
3	Colloidal diamond. <i>Nature</i> , 2020, 585, 524-529.	27.8	190
4	Colloidal alloys with preassembled clusters and spheres. <i>Nature Materials</i> , 2017, 16, 652-657.	27.5	164
5	Synthetic Strategies Toward DNA-Coated Colloids that Crystallize. <i>Journal of the American Chemical Society</i> , 2015, 137, 10760-10766.	13.7	91
6	Mechanics of elastomeric molecular composites. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 9110-9115.	7.1	78
7	Active Patchy Colloids with Shape-Tunable Dynamics. <i>Journal of the American Chemical Society</i> , 2019, 141, 14853-14863.	13.7	57
8	Extreme properties of double networked ionogel electrolytes for flexible and durable energy storage devices. <i>Energy Storage Materials</i> , 2019, 19, 197-205.	18.0	54
9	Characterizing Large Strain Elasticity of Brittle Elastomeric Networks by Embedding Them in a Soft Extensible Matrix. <i>Advanced Functional Materials</i> , 2016, 26, 2482-2492.	14.9	46
10	Activity-controlled annealing of colloidal monolayers. <i>Nature Communications</i> , 2019, 10, 3380.	12.8	46
11	Structure of Tough Multiple Network Elastomers by Small Angle Neutron Scattering. <i>Macromolecules</i> , 2015, 48, 7945-7952.	4.8	28
12	Pyrochlore lattice, self-assembly and photonic band gap optimizations. <i>Optics Express</i> , 2018, 26, 30052.	3.4	15
13	DNA-Coated Microspheres and Their Colloidal Superstructures. <i>Macromolecular Research</i> , 2018, 26, 1085-1094.	2.4	13