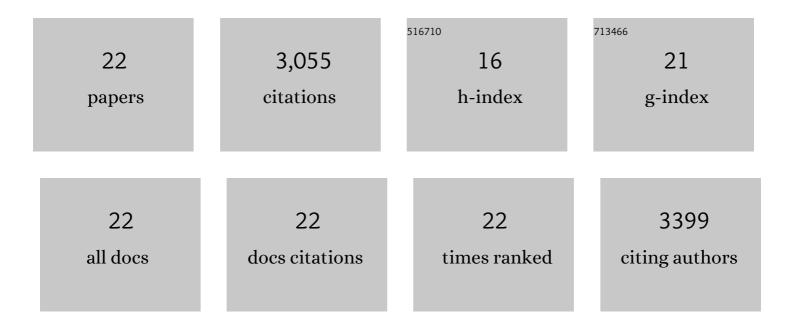
Remi Dreyfus

List of Publications by Year in descending order

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REMI NDEVELIS

#	Article	IF	CITATIONS
1	Microscopic artificial swimmers. Nature, 2005, 437, 862-865.	27.8	1,595
2	Ordered and Disordered Patterns in Two-Phase Flows in Microchannels. Physical Review Letters, 2003, 90, 144505.	7.8	317
3	Switchable self-protected attractions in DNA-functionalized colloids. Nature Materials, 2009, 8, 590-595.	27.5	134
4	Flow visualization and flow cytometry with holographic video microscopy. Optics Express, 2009, 17, 13071.	3.4	134
5	On the dynamics of magnetically driven elastic filaments. Journal of Fluid Mechanics, 2006, 554, 167.	3.4	128
6	DNA Patchy Particles. Advanced Materials, 2013, 25, 2779-2783.	21.0	126
7	Simple Quantitative Model for the Reversible Association of DNA Coated Colloids. Physical Review Letters, 2009, 102, 048301.	7.8	124
8	Self-replication of information-bearing nanoscale patterns. Nature, 2011, 478, 225-228.	27.8	105
9	Towards self-replicating materials of DNA-functionalized colloids. Soft Matter, 2009, 5, 2422.	2.7	86
10	Aggregation-disaggregation transition of DNA-coated colloids: Experiments and theory. Physical Review E, 2010, 81, 041404.	2.1	84
11	Quantitative Study of the Association Thermodynamics and Kinetics of DNA-Coated Particles for Different Functionalization Schemes. Journal of the American Chemical Society, 2010, 132, 1903-1913.	13.7	50
12	Magnetic Force Probe for Nanoscale Biomolecules. Physical Review Letters, 2005, 95, 128301.	7.8	44
13	Polygamous particles. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 18731-18736.	7.1	34
14	Excellent electric properties of free-standing InAs membranes. Applied Physics Letters, 2001, 78, 2372-2374.	3.3	27
15	Plasmonicâ€Based Mechanochromic Microcapsules as Strain Sensors. Small, 2017, 13, 1701925.	10.0	25
16	Highly conductive and transparent coatings from flow-aligned silver nanowires with large electrical and optical anisotropy. Nanoscale, 2020, 12, 6438-6448.	5.6	17
17	Fabrication and elastic properties of InAs freestanding structures based on InAs/GaAs(111)A heteroepitaxial systems. Physica E: Low-Dimensional Systems and Nanostructures, 2002, 13, 1163-1167.	2.7	7
18	Plasmonic Elastic Capsules as Colorimetric Reversible pHâ€Microsensors. Small, 2020, 16, 1903897.	10.0	7

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#	Article	IF	CITATIONS
19	Effect of geometry on the dewetting of granular chains by evaporation. Soft Matter, 2018, 14, 6994-7002.	2.7	5
20	Application of InAs Freestanding Membranes to Electromechanical Systems. Japanese Journal of Applied Physics, 2002, 41, 2519-2521.	1.5	4
21	An attractive, reshapable material. Science, 2019, 365, 219-219.	12.6	2
22	Écoulements diphasiques (eau-huile) : structures et mouillage. Houille Blanche, 2003, 89, 92-96.	0.3	0