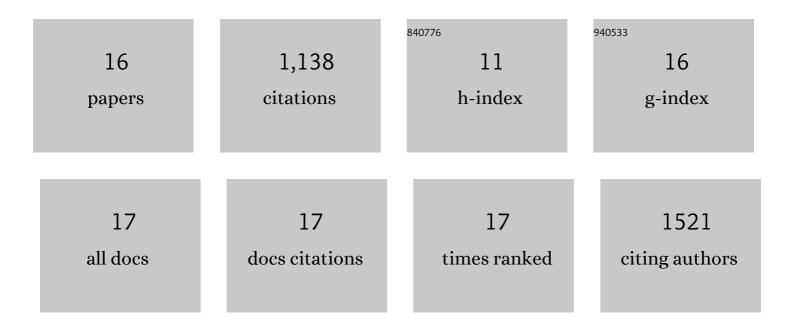
Dian Yang

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/11014556/publications.pdf Version: 2024-02-01



ΠΙΛΝ ΥΛΝΟ

#	Article	IF	CITATIONS
1	Bilayer-type fluorescence hydrogels with intelligent response serve as temperature/pH driven soft actuators. Sensors and Actuators B: Chemical, 2018, 255, 3117-3126.	7.8	125
2	A Soft Tube-Climbing Robot. Soft Robotics, 2018, 5, 133-137.	8.0	97
3	Bilayer hydrogel mixed composites that respond to multiple stimuli for environmental sensing and underwater actuation. Journal of Materials Chemistry B, 2018, 6, 8170-8179.	5.8	45
4	Soft, Rotating Pneumatic Actuator. Soft Robotics, 2017, 4, 297-304.	8.0	70
5	Negativeâ€Pressure Soft Linear Actuator with a Mechanical Advantage. Advanced Materials Technologies, 2017, 2, 1600164.	5.8	61
6	Buckling Pneumatic Linear Actuators Inspired by Muscle. Advanced Materials Technologies, 2016, 1, 1600055.	5.8	226
7	Linear Actuators: Buckling Pneumatic Linear Actuators Inspired by Muscle (Adv. Mater. Technol.) Tj ETQq1 1 0.78	4314 rgB1 5.8	/Overlock
8	Phase-transforming and switchable metamaterials. Extreme Mechanics Letters, 2016, 6, 1-9.	4.1	77
9	Buckling of Elastomeric Beams Enables Actuation of Soft Machines. Advanced Materials, 2015, 27, 6323-6327.	21.0	244
10	Using Magnetic Levitation for Nonâ€Destructive Quality Control of Plastic Parts. Advanced Materials, 2015, 27, 1587-1592.	21.0	49
11	Solution theory for systems of bilinear equations. Linear and Multilinear Algebra, 2014, 62, 1553-1566.	1.0	7
12	Chirality-Dependent Friction of Bulk Molecular Solids. Langmuir, 2014, 30, 9972-9976.	3.5	1
13	Noncontact orientation of objects in three-dimensional space using magnetic levitation. Proceedings of the United States of America, 2014, 111, 12980-12985.	7.1	71
14	Green synthesis of silver nanowires via ultraviolet irradiation catalyzed by phosphomolybdic acid and their antibacterial properties. New Journal of Chemistry, 2013, 37, 2179.	2.8	48
15	A solvable hyperbolic free boundary problem modelling tumour regrowth. Applicable Analysis, 2013, 92, 1541-1558.	1.3	2
16	Nematic ordering of rigid rod polyelectrolytes induced by electrostatic interactions: Effect of discrete charge distribution along the chain. Journal of Chemical Physics, 2011, 134, 074901.	3.0	8