

Yoseph Bar-Cohen

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,294
citations

932766

10
h-index

996533

15
g-index

22
all docs

22
docs citations

22
times ranked

1737
citing authors

#	ARTICLE	IF	CITATIONS
1	Electroactive polymer (EAP) actuatorsâ€™background review. Mechanics of Soft Materials, 2019, 1, 1.	0.4	91
2	Self-Powered Fast Brazing of Ti-6Al-4V Using Ni/Al Reactive Multilayer Films. Applied Sciences (Switzerland), 2018, 8, 985.	1.3	10
3	High Temperature, High Power Piezoelectric Composite Transducers. Sensors, 2014, 14, 14526-14552.	2.1	143
4	Nature as a Model for Mimicking and Inspiration of New Technologies. International Journal of Aeronautical and Space Sciences, 2012, 13, 1-13.	1.0	29
5	Biological Senses as Inspiring Model for Biomimetic Sensors. IEEE Sensors Journal, 2011, 11, 3194-3201.	2.4	12
6	Biomimicking Marine Mechanisms and Organizational Principles. Marine Technology Society Journal, 2011, 45, 14-15.	0.3	12
7	Electroactive Polymer Actuators and Sensors. MRS Bulletin, 2008, 33, 173-181.	1.7	271
8	EAP Actuators for Biomimetic Technologies with Humanlike Robots as one of the Ultimate Challenges. Advances in Science and Technology, 2008, 61, 1-7.	0.2	5
9	Biomimeticsâ€™using nature to inspire human innovation. Bioinspiration and Biomimetics, 2006, 1, P1-P12.	1.5	303
10	The mechanical and thermal effects of focused ultrasound in a model biological material. Journal of the Acoustical Society of America, 2005, 117, 2347-2355.	0.5	17
11	Current and future developments in artificial muscles using electroactive polymers. Expert Review of Medical Devices, 2005, 2, 731-740.	1.4	29
12	Introduction to Biomimetics. , 2005, , 1-40.		9
13	Artificial Muscles Using Electroactive Polymers. , 2005, , 267-290.		2
14	Bionic. International Journal of Advanced Robotic Systems, 2004, 1, 21.	1.3	9
15	Biologically inspired intelligent robots. , 2003, , .		78
16	Electroactive Polymers as Artificial Muscles: A Review. Journal of Spacecraft and Rockets, 2002, 39, 822-827.	1.3	161
17	NDE OF COMPOSITES USING LEAKY LAMB WAVES (LLW). Nondestructive Testing and Evaluation, 2001, 17, 91-119.	1.1	7
18	Polymer Actuators Contributing to Asteroid Missions.. Kobunshi, 2000, 49, 72-73.	0.0	0

#	ARTICLE	IF	CITATIONS
19	Methods of Testing and Characterization. , 0, , 467-526.		4
20	Biomimetics. , 0, , .		100