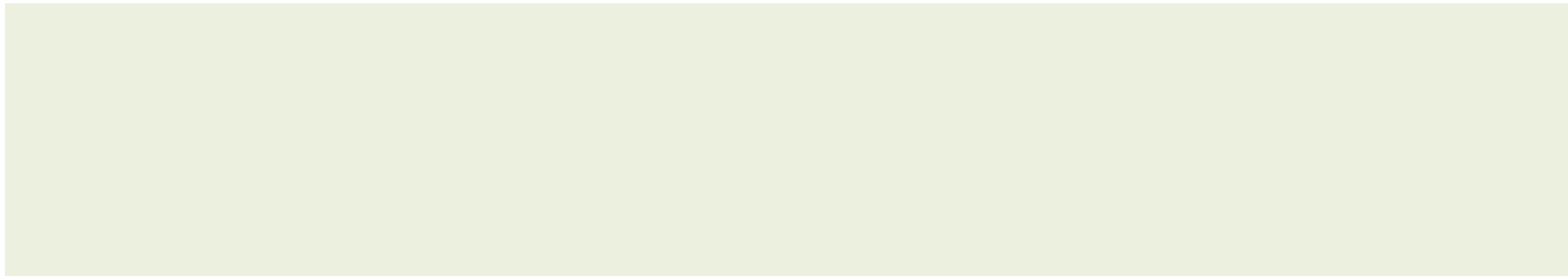


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5 1 BX160154  
4

1.

2.

3.

10 1 BX170105  
3

SCI  
1. Tianyu Zhang, Yuchen Zhou, Pengzhan Liu, Junhui Hu. A novel strategy to identify gases by a single catalytic combustible sensor working in its linear range[J]. Sensors and Actuators B: Chemical, 2020,321:128514.SCI ) 1. 2019

SCI

1. Jiao Yun, Wang Chengpeng, Wang Wenshuo, et al. Visualization and measurement of supersonic jet flow field evolution issuing from a rectangular nozzle with aft-deck[J]. International Journal of Modern Physics B, 2020, 34(14n16):337-351.

2. Jiao Yun, Wang Chengpeng, Xie Jiaqi, et al. Evolution of wall flow structure and measurement of shear stress issuing from supersonic jet with extended shelf. SCI 2020 10

3. Jiao Yun, Wang Chengpeng. Visualization of separation jet attachment in an incident shock-induced interaction. SCI,

1. Jiao Yun, Wang Chengpeng, Wang Wenshuo, et al. Visualization and measurement of supersonic jet flow field evolution issuing from a rectangular nozzle with aft-deck. 2019, 4th International Symposium on Physics of Fluids (ISPF8). 2019 6

2. Wang Chengpeng, Jiao Yun, Yang Xin, et al. Analysis of unsteady shock motion based on time-resolved

20 1 BX180132 5

S



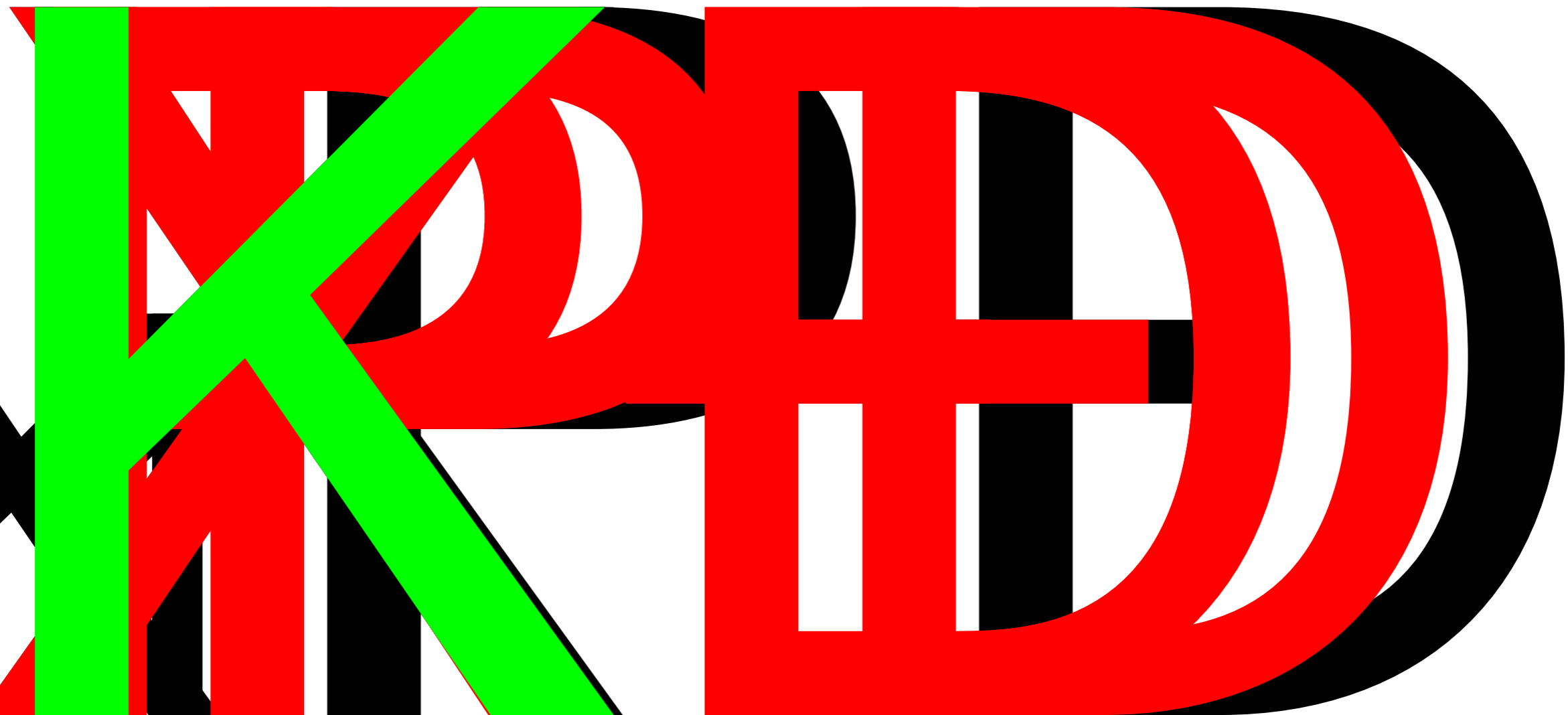
SCI

1.Pancheng Zhu, Piezoelectric Crystal Ultrasonic Transducer for  
 Gastric Mucosa, IEEE Transactions on Ultrasonics, Ferroelectrics, and  
 Frequency Control, 2019, 66(8): 1509-1516. (SCI k2) DOI: 10.1109/TUFFC.2019.2915009.

2.Pancheng Zhu, A step-by-step integrated robot based on piezoelectric  
 Smart Materials and Structures, 2019, 29(10): 105009. (SCI k2  
 665X/ab74bb);

3.Pancheng Zhu, Analysis of Temperature Field of a Piezoelectric  
 Endoscopic Biopsy Channel, Applied Sciences, 2019, 9(21): 4499. (SCI 10  
 10.3390/

23 1 BX190100 5



29 1 BX200101  
6

30 1 BX200093  
1 r # a s

SCI  
1.Leipeng Song, Yang Zhang, Jian Wang, Yalin Lu, Microstructure and tensile properties of friction-  
stir-processed Al-Li-Cu (Al<sub>70</sub>Li<sub>20</sub>Cu<sub>10</sub>) e p H O P A Hu E T R Z

1. CN 202010551091.3 CN 111452709B
2. CN 201910022410.9 CN 109747816A 2019
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3. CN 201910022431.0 CN 109774925A 2019 5
4. CN 201810575576.9 CN 108750134A 2018 11
5. CN 201810575363.6 CN 108791940A 2018 11

Zhi P. B, Compensation method for torsional stiffness of flexible wing. Smart Structures+  
Nondestructive Evaluation, Proceedings of SPIE, California, United States



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1. 2019-2020  
2.2019-2020  
2020  
3.20187

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39 1 SX180110  
3

18

EI  
1.Jilei Lei, Chao Chen. Design of retractile fins actuator based on hollow piezoelectric motor.  
Journal of physics. Conference series, EI 2020 10 1-14  
2. EI 2020 9 8 1.

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5.20187

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- 4. 20200904696.1 ZL20200904696.1

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