

Kai Peng

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2798137/publications.pdf>

Version: 2024-02-01

17
papers

347
citations

840776

11
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

304
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Design and Realization of a Compact High-Precision Capacitive Absolute Angular Position Sensor Based on Time Grating. IEEE Transactions on Industrial Electronics, 2021, 68, 3548-3557. | 7.9 | 17 |
| 2 | A High-Accuracy Capacitive Absolute Time-Grating Linear Displacement Sensor Based on a Multi-Stage Composite Method. IEEE Sensors Journal, 2021, 21, 8969-8978. | 4.7 | 9 |
| 3 | Embedded Position Detecting Method for Permanent Magnet Linear Motor Systems. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-10. | 4.7 | 6 |
| 4 | A Compact and High-Precision Capacitive Absolute Angular Displacement Sensor. IEEE Sensors Journal, 2020, 20, 11173-11182. | 4.7 | 15 |
| 5 | A Self-Adaptive Interpolation Method for Sinusoidal Sensors. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 7675-7682. | 4.7 | 12 |
| 6 | A miniaturized capacitive absolute angular positioning sensor based on a dual two-stage secondary re-modulation Scheme with time-division multiplexing. Sensors and Actuators A: Physical, 2020, 310, 112043. | 4.1 | 6 |
| 7 | A High-Precision Absolute Angular Position Sensor With Vernier Capacitive Arrays Based on Time Grating. IEEE Sensors Journal, 2019, 19, 8626-8634. | 4.7 | 16 |
| 8 | Oridonin derivatives as potential anticancer drug candidates triggering apoptosis through mitochondrial pathway in the liver cancer cells. European Journal of Medicinal Chemistry, 2019, 178, 365-379. | 5.5 | 36 |
| 9 | A High-Precision Absolute Angular-Displacement Capacitive Sensor Using Three-Stage Time-Grating in Conjunction With a Remodulation Scheme. IEEE Transactions on Industrial Electronics, 2019, 66, 7376-7385. | 7.9 | 28 |
| 10 | A new capacitive long-range displacement nanometer sensor with differential sensing structure based on time-grating. Measurement Science and Technology, 2018, 29, 054009. | 2.6 | 10 |
| 11 | A novel capacitive absolute positioning sensor based on time grating with nanometer resolution. Mechanical Systems and Signal Processing, 2018, 104, 705-715. | 8.0 | 23 |
| 12 | A High Precision Capacitive Linear Displacement Sensor with Time-Grating that Provides Absolute Positioning Capability Based on a Vernier-Type Structure. Applied Sciences (Switzerland), 2018, 8, 2419. | 2.5 | 9 |
| 13 | Structural modification of oridonin <i>via</i> DAST induced rearrangement. RSC Advances, 2018, 8, 29548-29554. | 3.6 | 9 |
| 14 | Sensing Mechanism and Error Analysis of a Capacitive Long-Range Displacement Nanometer Sensor Based on Time Grating. IEEE Sensors Journal, 2017, 17, 1596-1607. | 4.7 | 30 |
| 15 | Features of Capacitive Displacement Sensing That Provide High-Accuracy Measurements with Reduced Manufacturing Precision. IEEE Transactions on Industrial Electronics, 2017, 64, 7377-7386. | 7.9 | 39 |
| 16 | Extending the structure-activity relationship study of marine natural ningalin B analogues as P-glycoprotein inhibitors. European Journal of Medicinal Chemistry, 2017, 125, 795-806. | 5.5 | 16 |
| 17 | A New Capacitive Displacement Sensor With Nanometer Accuracy and Long Range. IEEE Sensors Journal, 2016, 16, 2306-2316. | 4.7 | 66 |