

# Dong Luo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1759330/publications.pdf>

Version: 2024-02-01

12  
papers

194  
citations

1163117

8  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

200  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Concrete beam crack detection using tapered polymer optical fiber sensors. Measurement: Journal of the International Measurement Confederation, 2016, 88, 96-103.   | 5.0 | 36        |
| 2  | A Recent Progress of Steel Bar Corrosion Diagnostic Techniques in RC Structures. Sensors, 2019, 19, 34.   | 3.8 | 34        |
| 3  | Optimization of the Geometries of Biconical Tapered Fiber Sensors for Monitoring the Early Age Curing Temperatures of Concrete Specimens. Computer-Aided Civil and Infrastructure Engineering, 2013, 28, 531-541. | 9.8 | 27        |
| 4  | Evaluation of the Properties of Asphalt Mixes Modified with Diatomite and Lignin Fiber: A Review. Materials, 2019, 12, 400.   | 2.9 | 26        |
| 5  | Laboratory Evaluation of Asphalt Mixture Performance Using Composite Admixtures of Lignin and Glass Fibers. Applied Sciences (Switzerland), 2021, 11, 364.  | 2.5 | 18        |
| 6  | Use of Tapered Optical Fiber Sensors in Study of the Hydration Process of Cement Paste. IEEE Sensors Journal, 2013, 13, 3415-3420.  | 4.7 | 14        |
| 7  | Comparative Life Cycle Assessment of Asphalt Mixtures Using Composite Admixtures of Lignin and Glass Fibers. Materials, 2021, 14, 6589.   | 2.9 | 12        |
| 8  | In-Fiber Optic Salinity Sensing: A Potential Application for Offshore Concrete Structure Protection. Sensors, 2017, 17, 962.  | 3.8 | 9         |
| 9  | Tapered Polymer Optical Fiber Sensors for Monitoring the Steel Bar Corrosion. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-9.  | 4.7 | 6         |
| 10 | Applicability Analysis of Inspection and Monitoring Technologies in Wind Turbine Towers. Shock and Vibration, 2021, 2021, 1-10.   | 0.6 | 5         |
| 11 | Local damage identification of high-strength circular concrete-filled steel tubes under low cycle fatigue. International Journal of Damage Mechanics, 2021, 30, 559-574.  | 4.2 | 4         |
| 12 | Tapered Polymer Fiber Sensors for Reinforced Concrete Beam Vibration Detection. Sensors, 2016, 16, 2149.  | 3.8 | 3         |