

# Js Preston

## List of Publications by Year in descending order

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9  
papers

277  
citations

1478505  
6  
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1588992  
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all docs

9  
docs citations

9  
times ranked

286  
citing authors

| # | ARTICLE   | IF  | CITATIONS |
|---|---|-----|-----------|
| 1 | Laser drilling of high aspect ratio holes in copper with femtosecond, picosecond and nanosecond pulses. Applied Physics A: Materials Science and Processing, 2008, 90, 537-543.   | 2.3 | 119       |
| 2 | Ripple formation during deep hole drilling in copper with ultrashort laser pulses. Applied Physics A: Materials Science and Processing, 2007, 89, 1001-1003.  | 2.3 | 48        |
| 3 | Femtosecond laser-based fabrication of a new model material to study fracture. Applied Physics A: Materials Science and Processing, 2006, 86, 55-61.  | 2.3 | 26        |
| 4 | Laser Scanning Microscopy Studies on Detwinned $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ Thin Films. IEEE Transactions on Applied Superconductivity, 2005, 15, 3082-3085.  | 1.7 | 0         |
| 5 | Local characterization of Y-Ba-Cu-O thin films. IEEE Transactions on Applied Superconductivity, 2001, 11, 3226-3229.  | 1.7 | 4         |
| 6 | Local characterization of HTS thin films by laser scanning microscopy. Physica C: Superconductivity and Its Applications, 2000, 341-348, 1435-1438.   | 1.2 | 5         |
| 7 | Switching speed for controlled damping using thin film $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ . Cryogenics, 1997, 37, 113-116.  | 1.7 | 6         |
| 8 | Ultrafast photoresponse in microbridges and pulse propagation in transmission lines made from high-T <sub>c</sub> superconducting Y-Ba-Cu-O thin films. IEEE Journal of Selected Topics in Quantum Electronics, 1996, 2, 668-678. | 2.9 | 47        |
| 9 | Evaluation of LaSrGaO <sub>4</sub> as a substrate for $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ . Physica C: Superconductivity and Its Applications, 1994, 225, 7-12.  | 1.2 | 22        |