

# Geuntak Lee

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5431163/publications.pdf>

Version: 2024-02-01

14  
papers

410  
citations

933447

10  
h-index

1058476

14  
g-index

14  
all docs

14  
docs citations

14  
times ranked

509  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Flash microwave pressing of zirconia. <i>Journal of the American Ceramic Society</i> , 2020, 103, 4110-4121.  | 3.8  | 7         |
| 2  | Fabrication of ceramic bone scaffolds by solvent jetting 3D printing and sintering: Towards load-bearing applications. <i>Additive Manufacturing</i> , 2020, 33, 101107.            | 3.0  | 24        |
| 3  | Graphite creep negation during flash spark plasma sintering under temperatures close to 2000°C. <i>Carbon</i> , 2020, 162, 106-113.   | 10.3 | 8         |
| 4  | Modeling zirconia sintering trajectory for obtaining translucent submicronic ceramics for dental implant applications. <i>Acta Materialia</i> , 2020, 188, 101-107.                 | 7.9  | 17        |
| 5  | Consolidation of Molybdenum nanopowders by spark plasma sintering: Densification mechanism and first mirror application. <i>Journal of Nuclear Materials</i> , 2019, 516, 354-359.  | 2.7  | 14        |
| 6  | Energy efficient spark plasma sintering: Breaking the threshold of large dimension tooling energy consumption. <i>Journal of the American Ceramic Society</i> , 2019, 102, 706-716. | 3.8  | 8         |
| 7  | Oxidation effects on spark plasma sintering of molybdenum nanopowders. <i>Journal of the American Ceramic Society</i> , 2019, 102, 801-812.   | 3.8  | 9         |
| 8  | Microwave flash sintering of metal powders: From experimental evidence to multiphysics simulation. <i>Acta Materialia</i> , 2018, 147, 24-34.                                       | 7.9  | 40        |
| 9  | Effect of electric current on densification behavior of conductive ceramic powders consolidated by spark plasma sintering. <i>Acta Materialia</i> , 2018, 144, 524-533.             | 7.9  | 106       |
| 10 | Proportional integral derivative, modeling and ways of stabilization for the spark plasma sintering process. <i>Results in Physics</i> , 2017, 7, 1494-1497.                        | 4.1  | 17        |
| 11 | All-Materials-Inclusive Flash Spark Plasma Sintering. <i>Scientific Reports</i> , 2017, 7, 15071.   | 3.3  | 87        |
| 12 | Ordered micropatterns by confined dewetting of an imprinted polymer thin film and their microlens application. <i>Macromolecular Research</i> , 2009, 17, 181-186.                  | 2.4  | 10        |
| 13 | Nanopatterning of thin polymer films by controlled dewetting on a topographic pre-pattern. <i>Soft Matter</i> , 2008, 4, 1467.  | 2.7  | 53        |
| 14 | Thin Poly(styrene- <i>block</i> -4-hydroxystyrene) Block Copolymer Films Spin-Coated Directly on Topographic Prepattern Substrates. <i>Macromolecules</i> , 2008, 41, 9290-9294.    | 4.8  | 10        |