

Geuntak Lee

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

410
citations

933447

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1058476

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docs citations

14
times ranked

509
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	All-Materials-Inclusive Flash Spark Plasma Sintering. <i>Scientific Reports</i> , 2017, 7, 15071.	3.3	87
3	Nanopatterning of thin polymer films by controlled dewetting on a topographic pre-pattern. <i>Soft Matter</i> , 2008, 4, 1467.	2.7	53
4	Microwave flash sintering of metal powders: From experimental evidence to multiphysics simulation. <i>Acta Materialia</i> , 2018, 147, 24-34.	7.9	40
5	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
6	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
7	Modeling zirconia sintering trajectory for obtaining translucent submicronic ceramics for dental implant applications. <i>Acta Materialia</i> , 2020, 188, 101-107.	7.9	17
8	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
9	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
10	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
11	Oxidation effects on spark plasma sintering of molybdenum nanopowders. <i>Journal of the American Ceramic Society</i> , 2019, 102, 801-812.	3.8	9
12	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
13	Graphite creep negation during flash spark plasma sintering under temperatures close to 2000°C. <i>Carbon</i> , 2020, 162, 106-113.	10.3	8
14	Flash microwave pressing of zirconia. <i>Journal of the American Ceramic Society</i> , 2020, 103, 4110-4121.	3.8	7