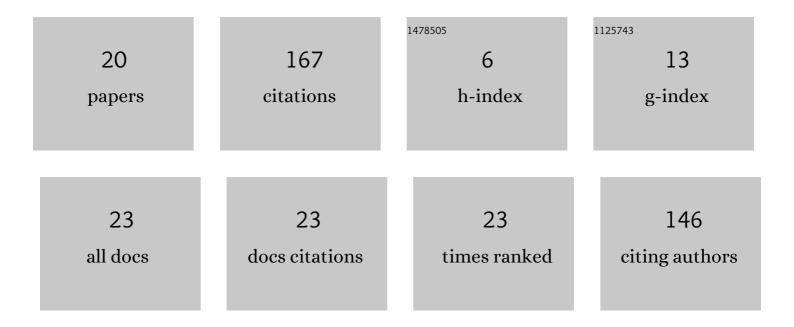
## Zoran S Nikolić

List of Publications by Year in descending order

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ΖΟΡΛΝ S ΝΙΚΟΙΙΑΤ

| #  | Article   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | A Mathematical Model for Simulation of Intergranular μ-Capacitance as a Function of Neck Growth in<br>Ceramic Sintering. Springer Optimization and Its Applications, 2020, , 403-420.           | 0.9 | 4         |
| 2  | Computer Simulation of Liquid Redistribution Induced by Rearrangement During Liquid Phase Sintering. , 2017, , 357-373.   |     | 0         |
| 3  | Capillary liquid bridge and grain coarsening during liquid phase sintering. Science of Sintering, 2017, 49, 1-10.   | 1.4 | 1         |
| 4  | Theoretical study of skeletal structure evolution under topological constraints during sintering.<br>Mathematical and Computer Modelling, 2013, 57, 1060-1069.                                  | 2.0 | 2         |
| 5  | Three-dimensional computer study of rearrangement during liquid phase sintering. Mathematical and Computer Modelling, 2012, 55, 1251-1262.  | 2.0 | 7         |
| 6  | A three-dimensional computer study of gravity induced skeletal structure evolution during liquid phase sintering. Mathematical and Computer Modelling, 2012, 55, 1825-1832.                     | 2.0 | 6         |
| 7  | Three-dimensional computer simulation of grain coarsening during sintering. Science of Sintering, 2012, 44, 3-15.   | 1.4 | 2         |
| 8  | Three-dimensional computer simulation of time-dependent skeletal structure evolution during liquid phase sintering. IOP Conference Series: Materials Science and Engineering, 2011, 18, 022003. | 0.6 | 0         |
| 9  | Computer study of liquid phase sintering - three-dimensional time dependent rearrangement. IOP<br>Conference Series: Materials Science and Engineering, 2011, 18, 022004.                       | 0.6 | 0         |
| 10 | Effect of grain boundary sliding on shear viscosity and viscous Poisson's ratio in macroscopic<br>shrinkage during sintering. Acta Materialia, 2011, 59, 774-784.                               | 7.9 | 22        |
| 11 | Numerical simulation of pore evolution during liquid-phase sintering. Mathematical and Computer Modelling, 2010, 51, 1140-1145.   | 2.0 | 3         |
| 12 | Numerical simulation of gravity induced skeletal settling during liquid-phase sintering. Mathematical and Computer Modelling, 2010, 51, 1146-1153.  | 2.0 | 5         |
| 13 | Influence of Rareâ€Earth Dopants on Barium Titanate Ceramics Microstructure and Corresponding Electrical Properties. Journal of the American Ceramic Society, 2010, 93, 132-137.                | 3.8 | 87        |
| 14 | Computer simulation of rapid solidification with undercooling: A case study of spherical ceramics sample on metallic substrate. Science of Sintering, 2010, 42, 33-43.                          | 1.4 | 0         |
| 15 | Numerical Method for Computer Study of Liquid Phase Sintering: Densification Due to Gravity-Induced Skeletal Settling. Springer Optimization and Its Applications, 2010, , 409-424.             | 0.9 | 0         |
| 16 | Lattice energy calculation for quantitatively-modeled Perovskite distortion. Solid State Ionics, 2009, 180, 475-479.  | 2.7 | 8         |
| 17 | Numerical simulation of rapid solidification of a spherical sample on a metallic substrate. Journal of Materials Science, 2007, 42, 7729-7737.  | 3.7 | 1         |
| 18 | Simulation of intergranular impedance as a function of diffusion processes. Journal of Materials<br>Science: Materials in Electronics, 2002, 13, 743-749.                                       | 2.2 | 1         |

| #  | Article   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Basic, extended and combined models for computer simulation of liquid phase sintering. Science of Sintering, 2002, 34, 41-51. | 1.4 | 6         |
| 20 | Computer simulation of chemically driven grain growth during liquid phase sintering. Acta<br>Metallurgica, 1980, 28, 475-479. | 2.1 | 12        |