

Erdal Uzunlar

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

235
citations

933410

10
h-index

1125717

13
g-index

15
all docs

15
docs citations

15
times ranked

320
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Airgap Interconnects: Modeling, Optimization, and Benchmarking for Backplane, PCB, and Interposer Applications. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2014, 4, 1335-1346. | 2.5 | 30 |
| 2 | Electroless Deposition of Copper on Organic and Inorganic Substrates Using a Sn/Ag Catalyst. Journal of the Electrochemical Society, 2012, 159, D386-D392. | 2.9 | 29 |
| 3 | Metallo-organic n-type thermoelectrics: Emphasizing advances in nickel-ethenetetrathiolates. Journal of Applied Polymer Science, 2017, 134, . | 2.6 | 26 |
| 4 | Review-”Supercritical Deposition: A Powerful Technique for Synthesis of Functional Materials for Electrochemical Energy Conversion and Storage. Journal of the Electrochemical Society, 2020, 167, 054510. | 2.9 | 23 |
| 5 | Decomposable and Template Polymers: Fundamentals and Applications. Journal of Electronic Packaging, Transactions of the ASME, 2016, 138, . | 1.8 | 22 |
| 6 | Electroless Copper Deposition Using Sn/Ag Catalyst on Epoxy Laminates. Journal of the Electrochemical Society, 2013, 160, D3237-D3246. | 2.9 | 19 |
| 7 | Investigation of kinetics of supercritical drying of alginate algogel particles. Journal of Supercritical Fluids, 2019, 146, 78-88. | 3.2 | 16 |
| 8 | Size-Compatible, Polymer-Based Air-Gap Formation Processes, and Polymer Residue Analysis for Wafer-Level MEMS Packaging Applications. Journal of Electronic Packaging, Transactions of the ASME, 2015, 137, . | 1.8 | 15 |
| 9 | Design and fabrication of low-loss horizontal and vertical interconnect links using air-clad transmission lines and through silicon vias. , 2012, , . | | 12 |
| 10 | Investigation of the effect of gel properties on supercritical drying kinetics of ionotropic alginate gel particles. Journal of Supercritical Fluids, 2019, 152, 104571. | 3.2 | 12 |
| 11 | Frequency response of microcantilevers immersed in gaseous, liquid, and supercritical carbon dioxide. Journal of Supercritical Fluids, 2013, 81, 254-264. | 3.2 | 10 |
| 12 | Thermal and photocatalytic stability enhancement mechanism of poly(propylene carbonate) due to Cu(I) impurities. Polymer Degradation and Stability, 2012, 97, 1829-1837. | 5.8 | 6 |
| 13 | A Promising Catalyst for the Dehydrogenation of Perhydro-Dibenzyltoluene: Pt/Al ₂ O ₃ Prepared by Supercritical CO ₂ Deposition. Catalysts, 2022, 12, 489. | 3.5 | 6 |
| 14 | Design and fabrication of ultra low-loss, high-performance 3D chip-chip air-clad interconnect pathway. , 2013, , . | | 5 |
| 15 | Low-Cost MEMS Packaging Using Polymer-Based Air-Gaps. ECS Transactions, 2014, 61, 237-242. | 0.5 | 4 |