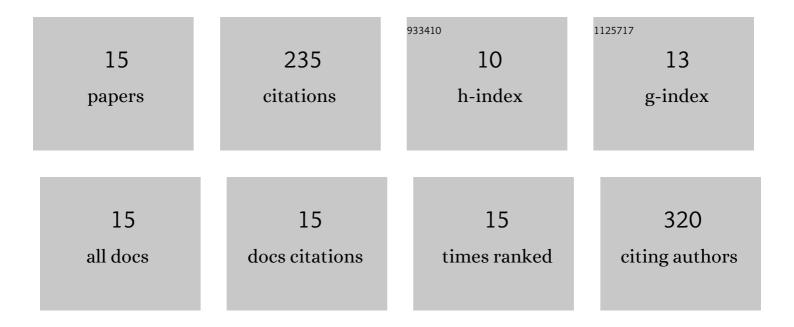
## Erdal Uzunlar

List of Publications by Year in descending order

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#	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	Metalloâ€organic nâ€type thermoelectrics: Emphasizing advances in nickelâ€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 alcogel 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/Al2O3 Prepared by Supercritical CO2 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