

# Giacomo Cerretti

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/123594/publications.pdf>

Version: 2024-02-01

17  
papers

917  
citations

759233

12  
h-index

839539

18  
g-index

18  
all docs

18  
docs citations

18  
times ranked

1370  
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermoelectrics: From history, a window to the future. <i>Materials Science and Engineering Reports</i> , 2019, 138, 100501.	31.8	341
2	High-Resolution 3D Direct Laser Writing for Liquid-Crystalline Elastomer Microstructures. <i>Advanced Materials</i> , 2014, 26, 2319-2322.	21.0	165
3	Polypropylene-based melt mixed composites with singlewalled carbon nanotubes for thermoelectric applications: Switching from p-type to n-type by the addition of polyethylene glycol. <i>Polymer</i> , 2017, 108, 513-520.	3.8	62
4	Thermal management of thermoelectric generators for waste energy recovery. <i>Applied Thermal Engineering</i> , 2021, 196, 117291.	6.0	61
5	Alignment engineering in liquid crystalline elastomers: Free-form microstructures with multiple functionalities. <i>Applied Physics Letters</i> , 2015, 106, .	3.3	56
6	The remarkable crystal chemistry of the Ca <sub>14</sub> AlSb <sub>11</sub> structure type, magnetic and thermoelectric properties. <i>Journal of Solid State Chemistry</i> , 2019, 271, 88-102.	2.9	56
7	A chemists view: Metal oxides with adaptive structures for thermoelectric applications. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2016, 213, 808-823.	1.8	54
8	Hydride assisted synthesis of the high temperature thermoelectric phase: Yb <sub>14</sub> MgSb <sub>11</sub> . <i>Journal of Applied Physics</i> , 2019, 126, .	2.5	22
9	Thermal stability and enhanced thermoelectric properties of the tetragonal tungsten bronzes Nb <sub>8-x</sub> W <sub>9+x</sub> O <sub>47</sub> (0 < x < 5). <i>Journal of Materials Chemistry A</i> , 2017, 5, 9768-9774.	10.3	17
10	Improving electronic properties and mechanical stability of Yb <sub>14</sub> MnSb <sub>11</sub> via W compositing. <i>Journal of Applied Physics</i> , 2019, 126, .	2.5	16
11	Solid State Fluorination on the Minute Scale: Synthesis of WO <sub>3-x</sub> with Photocatalytic Activity. <i>Advanced Functional Materials</i> , 2020, 30, 1909051.	14.9	15
12	Enhancement of the Thermal Stability and Thermoelectric Properties of Yb <sub>14</sub> MnSb <sub>11</sub> by Ce Substitution. <i>Chemistry of Materials</i> , 2020, 32, 9268-9276.	6.7	15
13	Spark Plasma Sintering (SPS)-Assisted Synthesis and Thermoelectric Characterization of Magn <sub>6</sub> Li Phase V <sub>6</sub> O <sub>11</sub> . <i>Inorganic Chemistry</i> , 2018, 57, 1259-1268.	4.0	11
14	2 + 2 = 3: Making Ternary Phases through a Binary Approach. <i>Chemistry of Materials</i> , 2022, 34, 1342-1355.	6.7	11
15	Evolution of Thermoelectric Properties in the Triple Cation Zintl Phase: Yb <sub>13</sub> Ca <sub>x</sub> BaMgSb <sub>11</sub> (x = 1-6). <i>Chemistry of Materials</i> , 2021, 33, 8059-8069.	6.7	9
16	Towards higher zT in early transition metal oxides: optimizing the charge carrier concentration of the WO <sub>3-x</sub> compounds. <i>Materials Today: Proceedings</i> , 2018, 5, 10240-10248.	1.8	2
17	The Impact of site selectivity and disorder on the thermoelectric properties of Yb <sub>21</sub> Mn <sub>4</sub> Sb <sub>18</sub> solid solutions: Yb <sub>21</sub> Mn <sub>4</sub> Cd <sub>x</sub> Sb <sub>18</sub> and Yb <sub>21</sub> Ca <sub>y</sub> Mn <sub>4</sub> Sb <sub>18</sub> . <i>Materials Advances</i> , 2021, 2, 5764-5776.	5.4	2