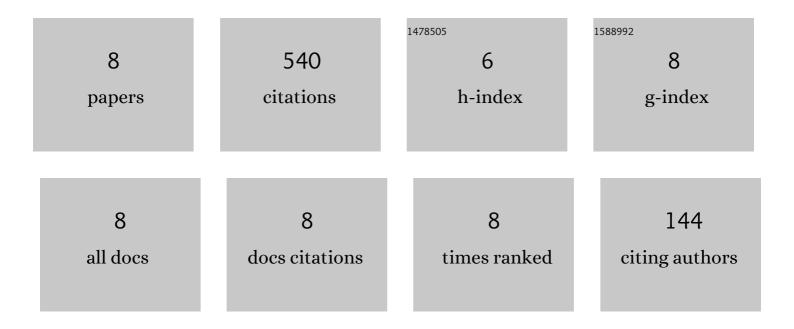
## David Svetlizky

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Directed energy deposition (DED) additive manufacturing: Physical characteristics, defects, challenges and applications. Materials Today, 2021, 49, 271-295.	14.2	351
2	Laser-based directed energy deposition (DED-LB) of advanced materials. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2022, 840, 142967.	5.6	82
3	Directed energy deposition of Al 5xxx alloy using Laser Engineered Net Shaping (LENS®). Materials and Design, 2020, 192, 108763.	7.0	52
4	The influence of laser directed energy deposition (DED) processing parameters for Al5083 studied by central composite design. Journal of Materials Research and Technology, 2022, 17, 3157-3171.	5.8	21
5	Measurement of the Anisotropic Dynamic Elastic Constants of Additive Manufactured and Wrought Ti6Al4V Alloys. Materials, 2022, 15, 638.	2.9	19
6	Mechanical properties of Bio-Ferrography isolated cancerous cells studied by atomic force microscopy. Journal of the Mechanical Behavior of Biomedical Materials, 2019, 91, 345-354.	3.1	7
7	Electrochemical Processing and Thermal Properties of Functional Core/Multi-Shell ZnAl/Ni/NiP Microparticles. Materials, 2021, 14, 834.	2.9	5
8	Sol–Gel Encapsulation of ZnAl Alloy Powder with Alumina Shell. Coatings, 2021, 11, 1389.	2.6	3