

# Erhan Akman

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2415832/publications.pdf>

Version: 2024-02-01

13  
papers

319  
citations

840776

11  
h-index

1199594

12  
g-index

13  
all docs

13  
docs citations

13  
times ranked

375  
citing authors

#	ARTICLE	IF	CITATIONS
1	Laser-induced groove optimization for Al/CFRP adhesive joint strength. International Journal of Adhesion and Adhesives, 2021, 107, 102830.	2.9	20
2	Comparison of novel surface treatments of Al 2024 alloy for al/cfrp adhesive bonded joints. International Journal of Adhesion and Adhesives, 2020, 103, 102721.	2.9	18
3	Investigation of the differences between photochemical and photothermal laser ablation on the shear strength of CFRP/CFRP adhesive joints. International Journal of Adhesion and Adhesives, 2020, 98, 102548.	2.9	29
4	Laser surface treatment of CFRP composites for a better adhesive bonding owing to the mechanical interlocking mechanism. Polymer Composites, 2019, 40, 3611-3622.	4.6	31
5	Investigation of accumulated laser fluence and bondline thickness effects on adhesive joint performance of CFRP composites. International Journal of Adhesion and Adhesives, 2019, 89, 109-116.	2.9	20
6	The Effect of CO <sub>2</sub> Laser-Induced Microhole Formations on Adhesive Bonding Strength of CFRP/CFRP Joints. Polymer Composites, 2019, 40, 2891-2900.	4.6	14
7	Compositional and micro-scratch analyses of laser induced colored surface of titanium. Optics and Lasers in Engineering, 2016, 84, 37-43.	3.8	43
8	Al <sub>2</sub> O <sub>3</sub> micro- and nanostructures affect vascular cell response. RSC Advances, 2016, 6, 17460-17469.	3.6	11
9	Pulsed Nd:YAG laser shock processing effects on mechanical properties of 6061-T6 alloy. Optics and Laser Technology, 2014, 56, 273-277.	4.6	32
10	Near surface modification of aluminum alloy induced by laser shock processing. Optics and Laser Technology, 2014, 64, 235-241.	4.6	24
11	Femtosecond laser treatment of 316L improves its surface nanoroughness and carbon content and promotes osseointegration: An in vitro evaluation. Colloids and Surfaces B: Biointerfaces, 2013, 108, 305-312.	5.0	48
12	Reduced myofibroblast differentiation on femtosecond laser treated 316LS stainless steel. Materials Science and Engineering C, 2013, 33, 901-908.	7.3	23
13	Theoretical and experimental investigation of soft x-rays emitted from TIN plasmas for lithographic application. , 2007, 6703, 71.		6