

# Szabolcs Beke

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

470  
citations

840776

11  
h-index

940533

16  
g-index

16  
all docs

16  
docs citations

16  
times ranked

780  
citing authors

#	ARTICLE	IF	CITATIONS
1	A review of the growth of V2O5 films from 1885 to 2010. <i>Thin Solid Films</i> , 2011, 519, 1761-1771.	1.8	231
2	Nanocomposite scaffold fabrication by incorporating gold nanoparticles into biodegradable polymer matrix: Synthesis, characterization, and photothermal effect. <i>Materials Science and Engineering C</i> , 2015, 56, 305-310.	7.3	39
3	Optical properties of porous silicon.. <i>Optical Materials</i> , 2004, 25, 257-260.	3.6	28
4	Optical properties of porous silicon.. <i>Optical Materials</i> , 2004, 25, 251-255.	3.6	26
5	3D scaffold fabrication by mask projection excimer laser stereolithography. <i>Optical Materials Express</i> , 2014, 4, 2032.	3.0	24
6	Four-order stiffness variation of laser-fabricated photopolymer biodegradable scaffolds by laser parameter modulation. <i>Materials Science and Engineering C</i> , 2015, 55, 14-21.	7.3	21
7	Elastin-Coated Biodegradable Photopolymer Scaffolds for Tissue Engineering Applications. <i>BioMed Research International</i> , 2014, 2014, 1-9.	1.9	19
8	Effects of phosphate modification on the structure and surface properties of ordered mesoporous SnO2. <i>Microporous and Mesoporous Materials</i> , 2010, 134, 79-86.	4.4	15
9	Highly transparent ITO thin films on photosensitive glass: sol-gel synthesis, structure, morphology and optical properties. <i>Applied Physics A: Materials Science and Processing</i> , 2012, 107, 385-392.	2.3	15
10	In-situ optical emission spectroscopy of laser-induced vanadium oxide plasma in vacuum. <i>Vacuum</i> , 2012, 86, 2002-2004.	3.5	14
11	Fabrication of hybrid nanocomposite scaffolds by incorporating ligand-free hydroxyapatite nanoparticles into biodegradable polymer scaffolds and release studies. <i>Beilstein Journal of Nanotechnology</i> , 2015, 6, 2217-2223.	2.8	11
12	Effects of the precursor concentration and different annealing ambients on the structural, optical, and electrical properties of nanostructured V2O5 thin films deposited by spray pyrolysis technique. <i>Applied Physics A: Materials Science and Processing</i> , 2018, 124, 1.	2.3	9
13	Gold nanoparticle-filled biodegradable photopolymer scaffolds induced muscle remodeling: in vitro and in vivo findings. <i>Materials Science and Engineering C</i> , 2017, 72, 625-630.	7.3	8
14	3D Photoelectrode for Dye Solar Cells Realized by Laser Micromachining of Photosensitive Glass. <i>Journal of Physical Chemistry C</i> , 2014, 118, 17100-17107.	3.1	4
15	Characterization of a bioinspired elastin-polypropylene fumarate material for vascular prostheses applications. <i>Proceedings of SPIE</i> , 2013, , .	0.8	3
16	Fabrication of Transparent and Conductive Microdevices. <i>Journal of Laser Micro Nanoengineering</i> , 2012, 7, 28-32.	0.1	3