

# Dan Y Lewitus

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5647534/publications.pdf>

Version: 2024-02-01

18  
papers

406  
citations

933447

10  
h-index

839539

18  
g-index

18  
all docs

18  
docs citations

18  
times ranked

898  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biohybrid Carbon Nanotube/Agarose Fibers for Neural Tissue Engineering. <i>Advanced Functional Materials</i> , 2011, 21, 2624-2632.	14.9	95
2	Ultrafast resorbing polymers for use as carriers for cortical neural probes. <i>Acta Biomaterialia</i> , 2011, 7, 2483-2491.	8.3	87
3	Enhanced thermal conductivity of photopolymerizable composites using surface modified hexagonal boron nitride fillers. <i>Composites Science and Technology</i> , 2017, 152, 36-45.	7.8	32
4	Astaxanthin-based polymers as new antimicrobial compounds. <i>Polymer Chemistry</i> , 2017, 8, 4182-4189.	3.9	28
5	The fate of ultrafast degrading polymeric implants in the brain. <i>Biomaterials</i> , 2011, 32, 5543-5550.	11.4	26
6	Designing Tyrosine-Derived Polycarbonate Polymers for Biodegradable Regenerative Type Neural Interface Capable of Neural Recording. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2011, 19, 204-212.	4.9	25
7	Bioactive agarose carbon nanotube composites are capable of manipulating brain-implant interface. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	2.6	16
8	SPHRINT – Printing Drug Delivery Microspheres from Polymeric Melts. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018, 127, 398-406.	4.3	16
9	Controlling drug delivery from polymer microspheres by exploiting the complex interrelationship of excipient and drug crystallization. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47227.	2.6	12
10	Reinforcement of poly (methyl methacrylate) by WS2 nanotubes towards antiballistic applications. <i>Composites Science and Technology</i> , 2021, 207, 108736.	7.8	12
11	Full-Spectrum Cannabis Extract Microdepots Support Controlled Release of Multiple Phytocannabinoids for Extended Therapeutic Effect. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 23707-23716.	8.0	11
12	Computational modeling of in vitro biological responses on polymethacrylate surfaces. <i>Polymer</i> , 2011, 52, 2650-2660.	3.8	9
13	Molecular design and evaluation of biodegradable polymers using a statistical approach. <i>Journal of Materials Science: Materials in Medicine</i> , 2013, 24, 2529-2535.	3.6	9
14	Antimicrobial active packaging combining essential oils mixture: Migration and odor control study. <i>Polymers for Advanced Technologies</i> , 2019, 30, 2558-2566.	3.2	9
15	The Grafting of Multifunctional Antithrombogenic Chemical Networks on Polyurethane Intravascular Catheters. <i>Polymers</i> , 2020, 12, 1131.	4.5	6
16	Polyastaxanthin-based coatings reduce bacterial colonization in vivo. <i>Materialia</i> , 2018, 3, 15-20.	2.7	5
17	Three-dimensional printing for drug delivery devices: a state-of-the-art survey. <i>Journal of 3D Printing in Medicine</i> , 2019, 3, 95-109.	2.0	4
18	Polycaprolactone-based hotmelt adhesive for hernia mesh fixation. <i>Polymers for Advanced Technologies</i> , 2020, 31, 3194-3201.	3.2	4