

# Bruce E Kirkpatrick

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8551682/publications.pdf>

Version: 2024-02-01

12  
papers

496  
citations

1478505

6  
h-index

1199594

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12  
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docs citations

12  
times ranked

478  
citing authors

#	ARTICLE	IF	CITATIONS
1	Toward Stimuli-Responsive Dynamic Thermosets through Continuous Development and Improvements in Covalent Adaptable Networks (CANs). <i>Advanced Materials</i> , 2020, 32, e1906876.	21.0	273
2	Photoclick Chemistry: A Bright Idea. <i>Chemical Reviews</i> , 2021, 121, 6915-6990.	47.7	113
3	PTEN deficiency promotes pathological vascular remodeling of human coronary arteries. <i>JCI Insight</i> , 2018, 3, .	5.0	29
4	4D Printing of Extrudable and Degradable Poly(Ethylene Glycol) Microgel Scaffolds for Multidimensional Cell Culture. <i>Small</i> , 2022, 18, .	10.0	22
5	Cyclophilin D knockout protects the mouse kidney against cyclosporin A-induced oxidative stress. <i>American Journal of Physiology - Renal Physiology</i> , 2019, 317, F683-F694.	2.7	12
6	Stress Relaxation and Composition of Hydrazone-Crosslinked Hybrid Biopolymer-Synthetic Hydrogels Determine Spreading and Secretory Properties of MSCs. <i>Advanced Healthcare Materials</i> , 2022, 11, e2200393.	7.6	11
7	Granular PEG hydrogels mediate osteoporotic MSC clustering via N-cadherin influencing the pro-resorptive bias of their secretory profile. <i>Acta Biomaterialia</i> , 2022, 145, 77-87.	8.3	9
8	Intracellular Crowding by Bio-Orthogonal Hydrogel Formation Induces Reversible Molecular Stasis. <i>Advanced Materials</i> , 2022, 34, .	21.0	8
9	4D Materials with Photoadaptable Properties Instruct and Enhance Intestinal Organoid Development. <i>ACS Biomaterials Science and Engineering</i> , 2022, 8, 4634-4638.	5.2	7
10	Covalent Adaptable Networks: Toward Stimuli-Responsive Dynamic Thermosets through Continuous Development and Improvements in Covalent Adaptable Networks (CANs) ( <i>Adv. Mater.</i> 20/2020). <i>Advanced Materials</i> , 2020, 32, 2070158.	21.0	5
11	Synthesis, selective decoration and photocrosslinking of self-immolative poly(thioester)-PEG hydrogels. <i>Polymer International</i> , 2022, 71, 906-911.	3.1	5
12	Osteopontin activity modulates sex-specific calcification in engineered valve tissue mimics. <i>Bioengineering and Translational Medicine</i> , 2023, 8, .	7.1	2