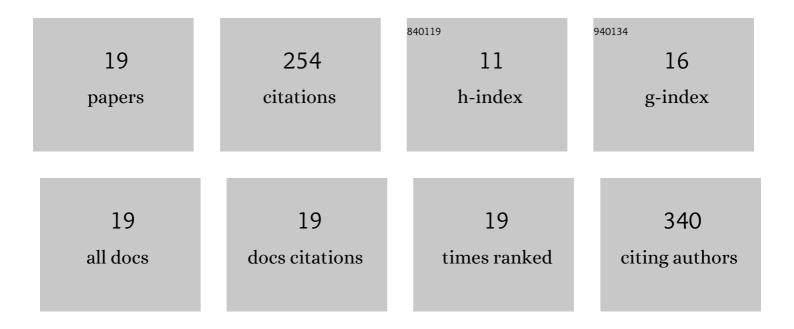
Fei Deng

List of Publications by Year in descending order

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FEI DENC

#	Article	IF	CITATIONS
1	Effect of coupling agents and ionic liquid on the properties of rice bran carbon/carboxylated styrene butadiene rubber composites. Macromolecular Research, 2015, 23, 952-959.	1.0	32
2	Synthesis and characterization of microcrystalline celluloseâ€graftâ€poly(methyl methacrylate) copolymers and their application as rubber reinforcements. Journal of Applied Polymer Science, 2015, 132, .	1.3	21
3	CRISPR/Cas12a-powered immunosensor suitable for ultra-sensitive whole Cryptosporidium oocyst detection from water samples using a plate reader. Water Research, 2021, 203, 117553.	5.3	19
4	Effects of silane coupling agents on tribological properties of bentonite/nitrile butadiene rubber composites. Polymer Composites, 2017, 38, 2347-2357.	2.3	18
5	The properties of rice bran carbon/nitrileâ€butadiene rubber composites fabricated by latex compounding method. Polymer Composites, 2018, 39, E687.	2.3	18
6	Fabrication and characterization of rice bran carbon/styrene butadiene rubber composites fabricated by latex compounding method. Polymer Composites, 2017, 38, 2594-2602.	2.3	17
7	IFN-γ-induced signal-on fluorescence aptasensors: from hybridization chain reaction amplification to 3D optical fiber sensing interface towards a deployable device for cytokine sensing. Molecular Systems Design and Engineering, 2019, 4, 872-881.	1.7	17
8	A CRISPR/Cas12a-assisted on-fibre immunosensor for ultrasensitive small protein detection in complex biological samples. Analytica Chimica Acta, 2022, 1192, 339351.	2.6	16
9	Molecularly imprinted polymer-based reusable biosensing device on stainless steel for spatially localized detection of cytokine IL-11². Sensors and Actuators B: Chemical, 2019, 292, 277-283.	4.0	15
10	Graft copolymers of microcrystalline cellulose as reinforcing agent for elastomers based on natural rubber. Journal of Applied Polymer Science, 2016, 133, .	1.3	13
11	A versatile CRISPR/Cas12a-based sensitivity amplifier suitable for commercial HRP-based ELISA kits. Sensors and Actuators B: Chemical, 2021, 347, 130533.	4.0	13
12	Polymer brush based fluorescent immunosensor for direct monitoring of interleukin-1β in rat blood. Analyst, The, 2019, 144, 5682-5690.	1.7	12
13	In vivo intrathecal IL-11² quantification in rats: Monitoring the molecular signals of neuropathic pain. Brain, Behavior, and Immunity, 2020, 88, 442-450.	2.0	12
14	Cellulose nanocrystals/poly(methyl methacrylate) nanocomposite films: Effect of preparation method and loading on the optical, thermal, mechanical, and gas barrier properties. Polymer Composites, 2017, 38, E137.	2.3	10
15	A simple and versatile CRISPR/Cas12a-based immunosensing platform: Towards attomolar level sensitivity for small protein diagnostics. Talanta, 2022, 246, 123469.	2.9	9
16	A Method for in Vivo Quantification Of Cytokine IL-1β In The Rat Intrathecal Space. ACS Applied Bio Materials, 2020, 3, 539-546.	2.3	8
17	Synergistic reinforcing effects of molybdenum disulfide and bentonite in rubber based nanocomposites. Journal of Vinyl and Additive Technology, 2017, 23, E211.	1.8	2
18	A fluorescent immunosensor on optical fibre for the multiplex detection of proinflammatory cytokines. Sensing and Bio-Sensing Research, 2022, , 100501.	2.2	2

#	Article	IF	CITATIONS
19	A Simple and Versatile Crispr/Cas12a-Based Immunosensing Platform: Towards Attomolar Level Sensitivity for Small Protein Diagnostics. SSRN Electronic Journal, 0, , .	0.4	ο