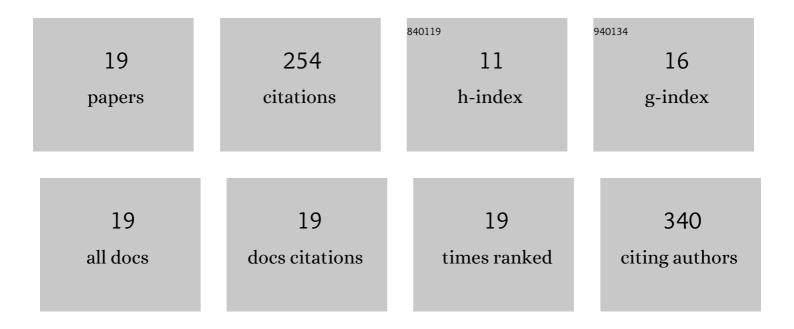
Fei Deng

List of Publications by Year in descending order

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FEI DENC

#	Article	IF	CITATIONS
1	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
2	A simple and versatile CRISPR/Cas12a-based immunosensing platform: Towards attomolar level sensitivity for small protein diagnostics. Talanta, 2022, 246, 123469.	2.9	9
3	A fluorescent immunosensor on optical fibre for the multiplex detection of proinflammatory cytokines. Sensing and Bio-Sensing Research, 2022, , 100501.	2.2	2
4	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
5	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
6	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
7	In vivo intrathecal IL-1 ¹² quantification in rats: Monitoring the molecular signals of neuropathic pain. Brain, Behavior, and Immunity, 2020, 88, 442-450.	2.0	12
8	Polymer brush based fluorescent immunosensor for direct monitoring of interleukin-1Î ² in rat blood. Analyst, The, 2019, 144, 5682-5690.	1.7	12
9	IFN-Î ³ -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
10	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
11	The properties of rice bran carbon/nitrileâ€butadiene rubber composites fabricated by latex compounding method. Polymer Composites, 2018, 39, E687.	2.3	18
12	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
13	Synergistic reinforcing effects of molybdenum disulfide and bentonite in rubber based nanocomposites. Journal of Vinyl and Additive Technology, 2017, 23, E211.	1.8	2
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	Effects of silane coupling agents on tribological properties of bentonite/nitrile butadiene rubber composites. Polymer Composites, 2017, 38, 2347-2357.	2.3	18
16	Graft copolymers of microcrystalline cellulose as reinforcing agent for elastomers based on natural rubber. Journal of Applied Polymer Science, 2016, 133, .	1.3	13
17	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
18	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

#	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