

Yuan Jin Zhao

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

364
papers

14,695
citations

64
h-index

105
g-index

391
ext. papers

18,858
ext. citations

11.4
avg, IF

7.36
L-index

#	Paper	IF	Citations
364	Bioinspired Perovskite Nanocrystals-Integrated Photonic Crystal Microsphere Arrays for Information Security.. <i>Advanced Science</i> , 2022 , e2105278	13.6	11
363	Biomimetic Human lung-on-a-chip with Colorful Displaying Microphysiological Breath.. <i>Advanced Materials</i> , 2022 , e2108972	24	8
362	Microfluidic 3D printing polyhydroxyalkanoates-based bionic skin for wound healing 2022 , 1, 015401		2
361	Shear-flow-induced graphene coating microfibers from microfluidic spinning.. <i>Innovation(China)</i> , 2022 , 3, 100209	17.8	3
360	MSCs-laden injectable self-healing hydrogel for systemic sclerosis treatment.. <i>Bioactive Materials</i> , 2022 , 17, 369-378	16.7	3
359	Conductive materials with elaborate micro/nanostructures for bioelectronics.. <i>Advanced Materials</i> , 2022 , e2110024	24	2
358	Conductive Nerve Guidance Conduits Based on Butterfly Wings for Peripheral Nerve Repair.. <i>ACS Nano</i> , 2022 ,	16.7	9
357	Oxygen-carrying microfluidic microcapsules for enhancing chemo-sonodynamic therapy on patient-derived tumor organoid models. <i>Chemical Engineering Journal</i> , 2022 , 435, 134871	14.7	3
356	Porous Microcarriers with Pancreatic β Cell Aggregates Loading for Diabetic Care. <i>Chemical Engineering Journal</i> , 2022 , 436, 135174	14.7	
355	Liver Spheroids on Chips as Emerging Platforms for Drug Screening. <i>Engineered Regeneration</i> , 2022 ,	5.2	7
354	Recombinant human collagen hydrogels with hierarchically ordered microstructures for corneal stroma regeneration. <i>Chemical Engineering Journal</i> , 2022 , 428, 131012	14.7	5
353	Microfluidic encapsulated manganese organic frameworks as enzyme mimetics for inflammatory bowel disease treatment. <i>Journal of Colloid and Interface Science</i> , 2022 , 607, 1382-1390	9.3	3
352	High-throughput generation of microgels in centrifugal multi-channel rotating system. <i>Chemical Engineering Journal</i> , 2022 , 427, 130750	14.7	0
351	Near-Infrared Responsive Droplet for Digital PCR.. <i>Small</i> , 2022 , e2107858	11	2
350	Arrowhead Composite Microneedle Patches with Anisotropic Surface Adhesion for Preventing Intrauterine Adhesions.. <i>Advanced Science</i> , 2022 , e2104883	13.6	5
349	Tailoring conductive inverse opal films with anisotropic elliptical porous patterns for nerve cell orientation.. <i>Journal of Nanobiotechnology</i> , 2022 , 20, 117	9.4	3
348	Developing tissue engineering strategies for liver regeneration. <i>Engineered Regeneration</i> , 2022 , 3, 80-91	5.2	1

347	Electroconductive and Anisotropic Structural Color Hydrogels for Visual Heart-on-a-Chip Construction.. <i>Advanced Science</i> , 2022 , e2105777	13.6	5
346	In Situ 3D Bioprinting Living Photosynthetic Scaffolds for Autotrophic Wound Healing.. <i>Research</i> , 2022 , 2022, 9794745	7.8	0
345	Polydopamine Decorated Microneedles with Fe-MS-C-Derived Nanovesicles Encapsulation for Wound Healing.. <i>Advanced Science</i> , 2022 , e2103317	13.6	15
344	ECM-inspired peptide dendrimer microgels with human MSCs encapsulation for systemic lupus erythematosus treatment. <i>Nano Today</i> , 2022 , 43, 101454	17.9	1
343	Natural proteins-derived asymmetric porous conduit for peripheral nerve regeneration. <i>Applied Materials Today</i> , 2022 , 27, 101431	6.6	1
342	Responsive and self-healing structural color supramolecular hydrogel patch for diabetic wound treatment.. <i>Bioactive Materials</i> , 2022 , 15, 194-202	16.7	4
341	Photothermal Responsive Microspheres-Triggered Separable Microneedles for Versatile Drug Delivery. <i>Advanced Functional Materials</i> , 2022 , 32, 2110746	15.6	7
340	Prebiotics and Postbiotics Synergistic Delivery Microcapsules from Microfluidics for Treating Colitis.. <i>Advanced Science</i> , 2022 , e2104089	13.6	1
339	Developing organs-on-chips for biomedicine. <i>Science Bulletin</i> , 2022 , 67, 1108-1108	10.6	1
338	Aptamer-Functionalized Barcodes in Herringbone Microfluidics for Multiple Detection of Exosomes.. <i>Small Methods</i> , 2022 , e2200236	12.8	2
337	Porous microcapsules encapsulating β cells generated by microfluidic electrospray technology for diabetes treatment. <i>NPG Asia Materials</i> , 2022 , 14,	10.3	2
336	Coordination polymer nanozymes-integrated colorimetric microneedle patches for intelligent wound infection management. <i>Chemical Engineering Journal</i> , 2022 , 444, 136640	14.7	4
335	Controllable growth of spiral ganglion neurons by magnetic colloidal nanochains. <i>Nano Today</i> , 2022 , 44, 101507	17.9	1
334	Microfluidic electrospray photo-crosslinkable χ Carrageenan microparticles for wound healing. <i>Engineered Regeneration</i> , 2021 , 2, 257-262	5.2	6
333	Ice-Inspired Lubricated Drug Delivery Particles from Microfluidic Electrospray for Osteoarthritis Treatment. <i>ACS Nano</i> , 2021 ,	16.7	5
332	Roe-inspired stem cell microcapsules for inflammatory bowel disease treatment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	3
331	Hierarchically Inverse Opal Porous Scaffolds from Droplet Microfluidics for Biomimetic 3D Cell Co-Culture. <i>Engineering</i> , 2021 ,	9.7	4
330	Bioinspired adhesive microneedle patch with gemcitabine encapsulation for pancreatic cancer treatment. <i>Chemical Engineering Journal</i> , 2021 , 431, 133362	14.7	4

329	Responsive Janus Structural Color Hydrogel Micromotors for Label-Free Multiplex Assays. <i>Research</i> , 2021 , 2021, 9829068	7.8	5
328	Nanomotor-Derived Porous Biomedical Particles from Droplet Microfluidics. <i>Advanced Science</i> , 2021 , e2104272	13.6	5
327	Programmable Knot Microfibers from Piezoelectric Microfluidics. <i>Small</i> , 2021 , e2104309	11	5
326	Porous MOF Microneedle Array Patch with Photothermal Responsive Nitric Oxide Delivery for Wound Healing. <i>Advanced Science</i> , 2021 , e2103449	13.6	14
325	Biomass Microcapsules with Stem Cell Encapsulation for Bone Repair. <i>Nano-Micro Letters</i> , 2021 , 14, 4	19.5	9
324	Orally administrated nucleotide-delivery particles from microfluidics for inflammatory bowel disease treatment. <i>Applied Materials Today</i> , 2021 , 25, 101231	6.6	2
323	Nano-imprinted anisotropic structural color graphene films for cardiomyocytes dynamic displaying. <i>Materials Today</i> , 2021 , 51, 117-117	21.8	5
322	Bioinspired Artificial Liver System with hiPSC-Derived Hepatocytes for Acute Liver Failure Treatment. <i>Advanced Healthcare Materials</i> , 2021 , 10, e2101580	10.1	4
321	Suction-Cup-Inspired Adhesive Micromotors for Drug Delivery. <i>Advanced Science</i> , 2021 , e2103384	13.6	13
320	Dynamically Re-Organized Collagen Fiber Bundles Transmit Mechanical Signals and Induce Strongly Correlated Cell Migration and Self-Organization. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 11858-11867	16.4	10
319	Dynamically Re-Organized Collagen Fiber Bundles Transmit Mechanical Signals and Induce Strongly Correlated Cell Migration and Self-Organization. <i>Angewandte Chemie</i> , 2021 , 133, 11965-11974	3.6	
318	Tailoring Flexible Arrays for Artificial Cilia Actuators. <i>Advanced Intelligent Systems</i> , 2021 , 3, 2000225	6	6
317	Morphological Hydrogel Microfibers with MXene Encapsulation for Electronic Skin. <i>Research</i> , 2021 , 2021, 7065907	7.8	16
316	Umbilical cord mesenchymal stem cells enhance the therapeutic effect of imipenem by regulating myeloid-derived suppressor cells in septic mice. <i>Annals of Translational Medicine</i> , 2021 , 9, 404	3.2	1
315	Responsive Hydrogel Microcarrier-Integrated Microneedles for Versatile and Controllable Drug Delivery. <i>Advanced Healthcare Materials</i> , 2021 , 10, e2002249	10.1	14
314	Emerging Functional Biomaterials as Medical Patches. <i>ACS Nano</i> , 2021 , 15, 5977-6007	16.7	14
313	Butterfly inspired functional materials. <i>Materials Science and Engineering Reports</i> , 2021 , 144, 100605	30.9	7
312	Microfluidics for flexible electronics. <i>Materials Today</i> , 2021 , 44, 105-135	21.8	26

311	Protein-Based Hybrid Responsive Microparticles for Wound Healing. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 18413-18422	9.5	14
310	Biomimic organ architectures and functions by assembling organoid models. <i>Science Bulletin</i> , 2021 , 66, 862-864	10.6	4
309	Microfluidics for Drug Development: From Synthesis to Evaluation. <i>Chemical Reviews</i> , 2021 , 121, 7468-7529	12.1	22
308	Zn-MOF Encapsulated Antibacterial and Degradable Microneedles Array for Promoting Wound Healing. <i>Advanced Healthcare Materials</i> , 2021 , 10, e2100056	10.1	25
307	Boston Ivy-Inspired Disc-Like Adhesive Microparticles for Drug Delivery. <i>Research</i> , 2021 , 2021, 9895674	7.8	8
306	Frontispiece: Dynamically Re-Organized Collagen Fiber Bundles Transmit Mechanical Signals and Induce Strongly Correlated Cell Migration and Self-Organization. <i>Angewandte Chemie - International Edition</i> , 2021 , 60,	16.4	1
305	Induced cardiomyocytes-integrated conductive microneedle patch for treating myocardial infarction. <i>Chemical Engineering Journal</i> , 2021 , 414, 128723	14.7	14
304	Janus medical sponge dressings with anisotropic wettability for wound healing. <i>Applied Materials Today</i> , 2021 , 23, 101068	6.6	10
303	Ultrasound-Responsive Microfluidic Microbubbles for Combination Tumor Treatment. <i>Advanced Therapeutics</i> , 2021 , 4, 2100050	4.9	8
302	Bioinspired perovskite quantum dots microfibers from microfluidics. <i>Science China Materials</i> , 2021 , 64, 2858-2867	7.1	0
301	Bio-inspired intestinal scavenger from microfluidic electro spray for detoxifying lipopolysaccharide. <i>Bioactive Materials</i> , 2021 , 6, 1653-1662	16.7	15
300	MXene-Integrated Microneedle Patches with Innate Molecule Encapsulation for Wound Healing. <i>Research</i> , 2021 , 2021, 9838490	7.8	17
299	Natural polysaccharide based complex drug delivery system from microfluidic electro spray for wound healing. <i>Applied Materials Today</i> , 2021 , 23, 101000	6.6	14
298	Bioinspired pagoda-like microneedle patches with strong fixation and hemostasis capabilities. <i>Chemical Engineering Journal</i> , 2021 , 414, 128905	14.7	15
297	Microfluidic generation of barcodes with in situ synthesized perovskite quantum dot encapsulation. <i>Science China Chemistry</i> , 2021 , 64, 1540-1546	7.9	1
296	Versatile Ice Microneedles for Transdermal Delivery of Diverse Actives. <i>Advanced Science</i> , 2021 , 8, e2101230	13.0	14
295	Porous hydrogel arrays for hepatoma cell spheroid formation and drug resistance investigation. <i>Bio-Design and Manufacturing</i> , 2021 , 4, 842-850	4.7	3
294	Suction Cups-Inspired Adhesive Patch with Tailorable Patterns for Versatile Wound Healing. <i>Advanced Science</i> , 2021 , 8, e2100201	13.6	19

293	Sculpting Bio-Inspired Surface Textures: An Adhesive Janus Periosteum. <i>Advanced Functional Materials</i> , 2021 , 31, 2104636	15.6	9
292	Design of a ZnO/Poly(vinylidene fluoride) inverse opal film for photon localization-assisted full solar spectrum photocatalysis. <i>Chinese Journal of Catalysis</i> , 2021 , 42, 184-192	11.3	13
291	Bio-inspired adhesive porous particles with human MSCs encapsulation for systemic lupus erythematosus treatment. <i>Bioactive Materials</i> , 2021 , 6, 84-90	16.7	18
290	Thriving microfluidic technology. <i>Science Bulletin</i> , 2021 , 66, 9-12	10.6	7
289	Claw-inspired microneedle patches with liquid metal encapsulation for accelerating incisional wound healing. <i>Chemical Engineering Journal</i> , 2021 , 406, 126741	14.7	21
288	Black phosphorus quantum dots doped multifunctional hydrogel particles for cancer immunotherapy. <i>Chemical Engineering Journal</i> , 2021 , 408, 127349	14.7	13
287	Heterogeneous Structural Color Microfibers for Cardiomyocytes Tug-of-War. <i>Advanced Functional Materials</i> , 2021 , 31, 2007527	15.6	13
286	Protein microcapsules integrated hierarchical scaffolds for local treatment of acute myocardial infarction model. <i>Applied Materials Today</i> , 2021 , 22, 100901	6.6	1
285	Microfluidic droplet templates derived porous patch with anisotropic wettability. <i>Chemical Engineering Journal</i> , 2021 , 417, 128073	14.7	11
284	Living Materials for Life Healthcare. <i>Accounts of Materials Research</i> , 2021 , 2, 59-70	7.5	12
283	Pollens derived magnetic porous particles for adsorption of low-density lipoprotein from plasma. <i>Bioactive Materials</i> , 2021 , 6, 1555-1562	16.7	6
282	Anisotropic Microparticles from Microfluidics. <i>CheM</i> , 2021 , 7, 93-136	16.2	17
281	Bio-inspired wettability patterns for biomedical applications. <i>Materials Horizons</i> , 2021 , 8, 124-144	14.4	19
280	Designing bioactive micro-/nanomotors for engineered regeneration. <i>Engineered Regeneration</i> , 2021 , 2, 109-115	5.2	16
279	Cheerios Effect Inspired Microbubbles as Suspended and Adhered Oral Delivery Systems. <i>Advanced Science</i> , 2021 , 8, 2004184	13.6	7
278	Antigen-Presenting Hybrid Colloidal Crystal Clusters for Promoting T cells Expansion. <i>Small</i> , 2021 , 17, e2006955	11	3
277	Dual-responsive graphene hybrid structural color hydrogels as visually electrical skins. <i>Chemical Engineering Journal</i> , 2021 , 415, 128978	14.7	15
276	Microfluidic 3D Printing Responsive Scaffolds with Biomimetic Enrichment Channels for Bone Regeneration. <i>Advanced Functional Materials</i> , 2021 , 31, 2105190	15.6	13

275	Topographically Conductive Butterfly Wing Substrates for Directed Spiral Ganglion Neuron Growth. <i>Small</i> , 2021 , 17, e2102062	11	12
274	Stretchable and Conductive Composite Structural Color Hydrogel Films as Bionic Electronic Skins. <i>Advanced Science</i> , 2021 , 8, e2102156	13.6	26
273	Bio-inspired self-replenishing and self-reporting slippery surfaces from colloidal co-assembly templates. <i>Chemical Engineering Journal</i> , 2021 , 426, 131641	14.7	0
272	Bio-Inspired Multi-Responsive Structural Color Hydrogel with Constant Volume and Wide Viewing Angles. <i>Advanced Optical Materials</i> , 2021 , 9, 2100831	8.1	7
271	Tailoring Materials with Specific Wettability in Biomedical Engineering. <i>Advanced Science</i> , 2021 , 8, e2100136	12	12
270	NIR-responsive structural color hydrogel microchannel for self-regulating microfluidic system. <i>Applied Materials Today</i> , 2021 , 24, 101115	6.6	2
269	Magneto-Responsive Microneedle Robots for Intestinal Macromolecule Delivery. <i>Advanced Materials</i> , 2021 , 33, e2104932	24	17
268	Bio-inspired slippery surfaces with multifunctional anti-icing performance. <i>Science China Technological Sciences</i> , 2021 , 64, 2110	3.5	2
267	Elastic MXene Hydrogel Microfiber-Derived Electronic Skin for Joint Monitoring. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 47800-47806	9.5	12
266	Bio-inspired Janus structural color films as visually flexible electronics. <i>Applied Materials Today</i> , 2021 , 24, 101124	6.6	4
265	Topographically Conductive Butterfly Wing Substrates for Directed Spiral Ganglion Neuron Growth (Small 38/2021). <i>Small</i> , 2021 , 17, 2170200	11	
264	Aptamer-decorated porous microneedles arrays for extraction and detection of skin interstitial fluid biomarkers. <i>Biosensors and Bioelectronics</i> , 2021 , 190, 113404	11.8	6
263	Chinese herb microneedle patch for wound healing. <i>Bioactive Materials</i> , 2021 , 6, 3507-3514	16.7	13
262	Multiplexed CRISPR/Cas9 quantifications based on bioinspired photonic barcodes. <i>Nano Today</i> , 2021 , 40, 101268	17.9	4
261	Engineering microcapsules to construct vascularized human brain organoids. <i>Chemical Engineering Journal</i> , 2021 , 424, 130427	14.7	5
260	Metformin loaded porous particles with bio-microenvironment responsiveness for promoting tumor immunotherapy. <i>Biomaterials Science</i> , 2021 , 9, 2082-2089	7.4	5
259	Droplet-Templated Synthetic Cells. <i>Matter</i> , 2021 , 4, 95-115	12.7	10
258	Multifunctional Composite Inverse Opal Film with Multiactives for Wound Healing. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 4567-4573	9.5	13

257	Hierarchical Hydrogels with Ordered Micro-Nano Structures for Cancer-on-a-Chip Construction.. <i>Research</i> , 2021 , 2021, 9845679	7.8	6
256	Hedgehog-inspired magnetic nanoparticles for effectively capturing and detecting exosomes. <i>NPG Asia Materials</i> , 2021 , 13,	10.3	2
255	Biohybrid robotics with living cell actuation. <i>Chemical Society Reviews</i> , 2020 , 49, 4043-4069	58.5	45
254	Shape memory graphene and cutting-edge achievements. <i>APL Materials</i> , 2020 , 8, 050903	5.7	9
253	Structural color barcodes for biodiagnostics. <i>View</i> , 2020 , 1, e8	7.8	8
252	Liquid metal-integrated ultra-elastic conductive microfibers from microfluidics for wearable electronics. <i>Science Bulletin</i> , 2020 , 65, 1752-1759	10.6	42
251	Quantum dots integrated biomass pollens as functional multicolor barcodes. <i>Chemical Engineering Journal</i> , 2020 , 395, 125106	14.7	6
250	Microfluidic Printing of Slippery Textiles for Medical Drainage around Wounds. <i>Advanced Science</i> , 2020 , 7, 2000789	13.6	32
249	Development of Cell Spheroids by Advanced Technologies. <i>Advanced Materials Technologies</i> , 2020 , 5, 2000183	6.8	14
248	Bio-Inspired Stretchable, Adhesive, and Conductive Structural Color Film for Visually Flexible Electronics. <i>Advanced Functional Materials</i> , 2020 , 30, 2000151	15.6	77
247	Bioinspired Helical Micromotors as Dynamic Cell Microcarriers. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 16097-16103	9.5	26
246	Multiplexed Detection Strategy for Bladder Cancer MicroRNAs Based on Photonic Crystal Barcodes. <i>Analytical Chemistry</i> , 2020 , 92, 6121-6127	7.8	31
245	Intrinsic Color Sensing System Allows for Real-Time Observable Functional Changes on Human Induced Pluripotent Stem Cell-Derived Cardiomyocytes. <i>ACS Nano</i> , 2020 , 14, 8232-8246	16.7	11
244	Bioinspired structural color particles with multi-layer graphene oxide encapsulated nanoparticle components. <i>Bioactive Materials</i> , 2020 , 5, 917-923	16.7	12
243	Expression of long non-coding RNA SFTA1P and its function in non-small cell lung cancer. <i>Pathology Research and Practice</i> , 2020 , 216, 153049	3.4	1
242	Lipocalin-2 Exacerbates Lupus Nephritis by Promoting Th1 Cell Differentiation. <i>Journal of the American Society of Nephrology: JASN</i> , 2020 , 31, 2263-2277	12.7	1
241	Multiplexed detection of tumor biomarkers utilizing immunohybridization Chain reaction integrated photonic barcodes. <i>Sensors and Actuators B: Chemical</i> , 2020 , 321, 128535	8.5	3
240	Bioinspired programmable wettability arrays for droplets manipulation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 4527-4532	11.5	52

239	Tiny water droplet with huge power. <i>Science Bulletin</i> , 2020 , 65, 693-695	10.6	3
238	Antibacterial and angiogenic chitosan microneedle array patch for promoting wound healing. <i>Bioactive Materials</i> , 2020 , 5, 253-259	16.7	119
237	Self-Healable Magnetic Structural Color Hydrogels. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 7486-7493	9.5	15
236	Bioinspired structural color patch with anisotropic surface adhesion. <i>Science Advances</i> , 2020 , 6, eaax8258	4.3	85
235	Label-Free Quantifications of Multiplexed Mycotoxins by G-Quadruplex Based on Photonic Barcodes. <i>Analytical Chemistry</i> , 2020 , 92, 2891-2895	7.8	12
234	Isolation and analysis of extracellular vesicles in a Morpho butterfly wing-integrated microvortex biochip. <i>Biosensors and Bioelectronics</i> , 2020 , 154, 112073	11.8	37
233	Heart-on-chips screening based on photonic crystals. <i>Bio-Design and Manufacturing</i> , 2020 , 3, 266-280	4.7	14
232	Advances of droplet-based microfluidics in drug discovery. <i>Expert Opinion on Drug Discovery</i> , 2020 , 15, 969-979	6.2	11
231	Bioinspired superhydrophobic surface by hierarchically colloidal assembling of microparticles and colloidal nanoparticles. <i>Chemical Engineering Journal</i> , 2020 , 394, 125008	14.7	20
230	Living Bacterial Microneedles for Fungal Infection Treatment. <i>Research</i> , 2020 , 2020, 2760594	7.8	17
229	Bioinspired Adhesive and Antibacterial Microneedles for Versatile Transdermal Drug Delivery. <i>Research</i> , 2020 , 2020, 3672120	7.8	52
228	Smart Microneedles for Therapy and Diagnosis. <i>Research</i> , 2020 , 2020, 7462915	7.8	23
227	Bio-inspired multicomponent carbon nanotube microfibers from microfluidics for supercapacitor. <i>Chemical Engineering Journal</i> , 2020 , 397, 125517	14.7	15
226	Bio-inspired multiple composite film with anisotropic surface wettability and adhesion for tissue repair. <i>Chemical Engineering Journal</i> , 2020 , 398, 125563	14.7	13
225	Bioinspired Soft Robotic Caterpillar with Cardiomyocyte Drivers. <i>Advanced Functional Materials</i> , 2020 , 30, 1907820	15.6	32
224	Colloidal Crystals from Microfluidics. <i>Small</i> , 2020 , 16, e1903931	11	23
223	Graphene Hybrid Anisotropic Structural Color Film for Cardiomyocytes Monitoring. <i>Advanced Functional Materials</i> , 2020 , 30, 1906353	15.6	38
222	Immunotherapeutic silk inverse opal particles for post-surgical tumor treatment. <i>Science Bulletin</i> , 2020 , 65, 380-388	10.6	27

221	Anisotropic structural color particles from colloidal phase separation. <i>Science Advances</i> , 2020 , 6, eaay1438	14.3	75
220	Responsive drug-delivery microcarriers based on the silk fibroin inverse opal scaffolds for controllable drug release. <i>Applied Materials Today</i> , 2020 , 19, 100540	6.6	21
219	Micro/Nanostructured Materials from Droplet Microfluidics 2020 , 1-46		1
218	The Construction and Application of Three-Dimensional Biomaterials. <i>Advanced Biology</i> , 2020 , 4, e1900238	3.8	8
217	Stomatocyte structural color-barcode micromotors for multiplex assays. <i>National Science Review</i> , 2020 , 7, 644-651	10.8	24
216	Omnipotent tissue adhesive. <i>Science Bulletin</i> , 2020 , 65, 428-430	10.6	
215	The anti-B7-H4 checkpoint synergizes trastuzumab treatment to promote phagocytosis and eradicate breast cancer. <i>Neoplasia</i> , 2020 , 22, 539-553	6.4	6
214	Medical Additive Manufacturing: From a Frontier Technology to the Research and Development of Products. <i>Engineering</i> , 2020 , 6, 1217-1221	9.7	5
213	Microfluidics for Medical Additive Manufacturing. <i>Engineering</i> , 2020 , 6, 1244-1257	9.7	19
212	Bioinspired conductive cellulose liquid-crystal hydrogels as multifunctional electrical skins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 18310-18316	11.5	90
211	Bio-inspired lubricant drug delivery particles for the treatment of osteoarthritis. <i>Nanoscale</i> , 2020 , 12, 17093-17102	7.7	22
210	Hierarchically Molecular Imprinted Porous Particles for Biomimetic Kidney Cleaning. <i>Advanced Materials</i> , 2020 , 32, e2005394	24	22
209	Slippery Textiles: Microfluidic Printing of Slippery Textiles for Medical Drainage around Wounds (Adv. Sci. 16/2020). <i>Advanced Science</i> , 2020 , 7, 2070090	13.6	2
208	Bioinspired MXene-integrated colloidal crystal arrays for multichannel bioinformation coding. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 22736-22742	11.5	26
207	Electric-tunable wettability on a paraffin-infused slippery pattern surface. <i>Chemical Engineering Journal</i> , 2020 , 381, 122612	14.7	23
206	Microfluidic Generation of Nanomaterials for Biomedical Applications. <i>Small</i> , 2020 , 16, e1901943	11	43
205	Biomimetic nanoparticles as universal influenza vaccine. <i>Smart Materials in Medicine</i> , 2020 , 1, 21-23	12.9	6
204	Black Phosphorus-Loaded Separable Microneedles as Responsive Oxygen Delivery Carriers for Wound Healing. <i>ACS Nano</i> , 2020 , 14, 5901-5908	16.7	98

203	Construction of Infrared-Light-Responsive Photoinduced Carriers Driver for Enhanced Photocatalytic Hydrogen Evolution. <i>Advanced Materials</i> , 2020 , 32, e1906361	24	73
202	Validation of new classification criteria of rheumatoid arthritis in an international multicentre study. <i>Clinical and Experimental Rheumatology</i> , 2020 , 38, 841-847	2.2	1
201	Flexible Ferrofluids: Design and Applications. <i>Advanced Materials</i> , 2019 , 31, e1903497	24	57
200	NK-Cell-Encapsulated Porous Microspheres via Microfluidic Electrospray for Tumor Immunotherapy. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 33716-33724	9.5	42
199	Bioinspired photonic barcodes for multiplexed target cycling and hybridization chain reaction. <i>Biosensors and Bioelectronics</i> , 2019 , 143, 111629	11.8	12
198	Photoresponsive Delivery Microcarriers for Tissue Defects Repair. <i>Advanced Science</i> , 2019 , 6, 1901280	13.6	30
197	Wearable droplet microfluidics. <i>Science Bulletin</i> , 2019 , 64, 1472-1473	10.6	11
196	Bio-Inspired Self-Adhesive Bright Non-iridescent Graphene Pigments. <i>Matter</i> , 2019 , 1, 1581-1591	12.7	32
195	Development of functional hydrogels for heart failure. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 1563-1580	7.9	15
194	Emerging barcode particles for multiplex bioassays. <i>Science China Materials</i> , 2019 , 62, 289-324	7.1	34
193	A responsive porous hydrogel particle-based delivery system for oncotherapy. <i>Nanoscale</i> , 2019 , 11, 2687-2693	7.9	23
192	Micromotors from Microfluidics. <i>Chemistry - an Asian Journal</i> , 2019 , 14, 2417-2430	4.5	7
191	Bio-inspired clamping microneedle arrays from flexible ferrofluid-configured moldings. <i>Science Bulletin</i> , 2019 , 64, 1110-1117	10.6	64
190	Magnetically responsive colloidal crystals with angle-independent gradient structural colors in microfluidic droplet arrays. <i>Nanoscale</i> , 2019 , 11, 12898-12904	7.7	12
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16	Photonic Crystals in Bioassays. <i>Advanced Functional Materials</i> , 2010 , 20, 2970-2988	15.6	210
15	Encoded porous beads for label-free multiplex detection of tumor markers. <i>Advanced Materials</i> , 2009 , 21, 569-72	24	186
14	Multiplex label-free detection of biomolecules with an imprinted suspension array. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 7350-2	16.4	170
13	Multiplex detection of tumor markers with photonic suspension array. <i>Analytica Chimica Acta</i> , 2009 , 633, 103-8	6.6	61
12	Colloidal crystal beads composed of core-shell particles for multiplex bioassay. <i>Journal of Nanoscience and Nanotechnology</i> , 2009 , 9, 2586-91	1.3	8
11	Photonic crystal hydrogel beads used for multiplex biomolecular detection. <i>Journal of Materials Chemistry</i> , 2009 , 19, 5730		61
10	Photo-bleaching immunity encoded photonic suspension array for label-free multiplex analysis. <i>Chemical Communications</i> , 2009 , 7012-4	5.8	3
9	Colloidal crystal beads coated with multicolor CdTe quantum dots: microcarriers for optical encoding and fluorescence enhancement. <i>Journal of Materials Chemistry</i> , 2009 , 19, 6492		43
8	Multiplex chemiluminescent immunoassay based on silica colloidal crystal beads. <i>Journal of Nanoscience and Nanotechnology</i> , 2009 , 9, 6320-5	1.3	6
7	Encoded silica colloidal crystal beads as supports for potential multiplex immunoassay. <i>Analytical Chemistry</i> , 2008 , 80, 1598-605	7.8	183
6	Fabrication of colloidal crystal beads by a drop-breaking technique and their application as bioassays. <i>Small</i> , 2008 , 4, 592-6	11	52

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4	Structural Color Materials from Natural Polymers. <i>Advanced Materials Technologies</i> ,2100296	6.8	11
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2	Bioactive Fish Scale Scaffolds with MSCs-Loading for Skin Flap Regeneration. <i>Advanced Science</i> ,2201226	13.6	2
1	Dynamically Responsive Scaffolds from Microfluidic 3D Printing for Skin Flap Regeneration. <i>Advanced Science</i> ,2201155	13.6	2