

Ki Su Kim

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

2,788
citations

279798

23
h-index

254184

43
g-index

47
all docs

47
docs citations

47
times ranked

4718
citing authors

#	ARTICLE	IF	CITATIONS
1	Target specific and long-acting delivery of protein, peptide, and nucleotide therapeutics using hyaluronic acid derivatives. <i>Journal of Controlled Release</i> , 2010, 141, 2-12.	9.9	468
2	Nanographene Oxide-Hyaluronic Acid Conjugate for Photothermal Ablation Therapy of Skin Cancer. <i>ACS Nano</i> , 2014, 8, 260-268.	14.6	208
3	Glucose-Sensitive Hydrogel Optical Fibers Functionalized with Phenylboronic Acid. <i>Advanced Materials</i> , 2017, 29, 1606380.	21.0	206
4	Recent advances in transdermal drug delivery systems: a review. <i>Biomaterials Research</i> , 2021, 25, 24.	6.9	188
5	Bioabsorbable polymer optical waveguides for deep-tissue photomedicine. <i>Nature Communications</i> , 2016, 7, 10374.	12.8	173
6	Bioimaging of Hyaluronic Acid Derivatives Using Nanosized Carbon Dots. <i>Biomacromolecules</i> , 2012, 13, 2554-2561.	5.4	162
7	Photonic hydrogel sensors. <i>Biotechnology Advances</i> , 2016, 34, 250-271.	11.7	157
8	Multifunctional Photonic Nanomaterials for Diagnostic, Therapeutic, and Theranostic Applications. <i>Advanced Materials</i> , 2018, 30, 1701460.	21.0	137
9	Bioimaging for Targeted Delivery of Hyaluronic Acid Derivatives to the Livers in Cirrhotic Mice Using Quantum Dots. <i>ACS Nano</i> , 2010, 4, 3005-3014.	14.6	127
10	State of the Art Biocompatible Gold Nanoparticles for Cancer Theragnosis. <i>Pharmaceutics</i> , 2020, 12, 701.	4.5	91
11	Hyaluronic Acid-Based Theranostic Nanomedicines for Targeted Cancer Therapy. <i>Cancers</i> , 2020, 12, 940.	3.7	89
12	Upconversion Nanoparticles/Hyaluronate-Rose Bengal Conjugate Complex for Noninvasive Photochemical Tissue Bonding. <i>ACS Nano</i> , 2017, 11, 9979-9988.	14.6	81
13	The fabrication, characterization and application of aptamer-functionalized Si-nanowire FET biosensors. <i>Nanotechnology</i> , 2009, 20, 235501.	2.6	76
14	Biodegradable Photonic Melanoidin for Theranostic Applications. <i>ACS Nano</i> , 2016, 10, 822-831.	14.6	69
15	Light-Guided Nanomotor Systems for Autonomous Photothermal Cancer Therapy. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 2338-2346.	8.0	64
16	Noninvasive Transdermal Vaccination Using Hyaluronan Nanocarriers and Laser Adjuvant. <i>Advanced Functional Materials</i> , 2016, 26, 2512-2522.	14.9	52
17	Optical lens-microneedle array for percutaneous light delivery. <i>Biomedical Optics Express</i> , 2016, 7, 4220.	2.9	48
18	Targeted Hyaluronate-Hollow Gold Nanosphere Conjugate for Anti-Obesity Photothermal Lipolysis. <i>ACS Biomaterials Science and Engineering</i> , 2017, 3, 3646-3653.	5.2	33

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19	Transdermal delivery of Minoxidil using HA-PLGA nanoparticles for the treatment in alopecia. <i>Biomaterials Research</i> , 2019, 23, 16.	6.9	30
20	A Simple Approach to Biological Single-Cell Lasers Via Intracellular Dyes. <i>Advanced Optical Materials</i> , 2015, 3, 1197-1200.	7.3	28
21	Multimodal Cancer Theranosis Using Hyaluronate-Conjugated Molybdenum Disulfide. <i>Advanced Healthcare Materials</i> , 2019, 8, e1801036.	7.6	26
22	Multifunctional Nanodroplets Encapsulating Naphthalocyanine and Perfluorohexane for Bimodal Image-Guided Therapy. <i>Biomacromolecules</i> , 2019, 20, 3767-3777.	5.4	25
23	Combinatorial wound healing therapy using adhesive nanofibrous membrane equipped with wearable LED patches for photobiomodulation. <i>Science Advances</i> , 2022, 8, eabn1646.	10.3	25
24	In vivo real-time confocal microscopy for target-specific delivery of hyaluronic acid-quantum dot conjugates. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2012, 8, 1070-1073.	3.3	23
25	Gold half-shell coated hyaluronic acid-doxorubicin conjugate micelles for theranostic applications. <i>Macromolecular Research</i> , 2012, 20, 277-282.	2.4	23
26	Recent Trends in Photoacoustic Imaging Techniques for 2D Nanomaterial-Based Phototherapy. <i>Biomedicines</i> , 2021, 9, 80.	3.2	23
27	Self-adjuvanted hyaluronate antigenic peptide conjugate for transdermal treatment of muscular dystrophy. <i>Biomaterials</i> , 2016, 81, 93-103.	11.4	21
28	Degradable Nanomotors Using Platinum Deposited Complex of Calcium Carbonate and Hyaluronate Nanogels for Targeted Drug Delivery. <i>Particle and Particle Systems Characterization</i> , 2020, 37, 1900418.	2.3	20
29	Facile Surface Modification and Application of Temperature Responsive Poly(N-isopropylacrylamide-co-dopamine methacrylamide). <i>Macromolecular Chemistry and Physics</i> , 2012, 213, 2130-2135.	2.2	18
30	Two-Dimensional Theranostic Nanomaterials in Cancer Treatment: State of the Art and Perspectives. <i>Cancers</i> , 2020, 12, 1657.	3.7	15
31	Recent Advances in Hollow Gold Nanostructures for Biomedical Applications. <i>Frontiers in Chemistry</i> , 2021, 9, 699284.	3.6	11
32	Non-Invasive Topical Drug-Delivery System Using Hyaluronate Nanogels Crosslinked via Click Chemistry. <i>Materials</i> , 2021, 14, 1504.	2.9	10
33	Characterization of PEGylated Anti-VEGF aptamers using surface plasmon resonance. <i>Macromolecular Research</i> , 2008, 16, 182-184.	2.4	8
34	Hyaluronate parathyroid hormone peptide conjugate for transdermal treatment of osteoporosis. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2018, 29, 793-804.	3.5	8
35	Graphene-Based Nanomaterials as Drug Delivery Carriers. <i>Advances in Experimental Medicine and Biology</i> , 2022, 1351, 109-124.	1.6	8
36	Designing inorganic nanoparticles into computed tomography and magnetic resonance (CT/MR) imaging-guidable photomedicines. <i>Materials Today Nano</i> , 2022, 18, 100187.	4.6	8

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37	Graphene-Based Nanomaterials for Biomedical Imaging. <i>Advances in Experimental Medicine and Biology</i> , 2022, 1351, 125-148.	1.6	7
38	Rotating Cylinder-Assisted Nanoimprint Lithography for Enhanced Chemisorbable Filtration Complemented by Molecularly Imprinted Polymers. <i>Small</i> , 2021, 17, e2105733.	10.0	6
39	Electrochemical Residue-Free Graphene Device for Dopamine Monitoring and Neural Stimulation. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 2013-2020.	5.2	5
40	Role of Graphene Family Nanomaterials in Skin Wound Healing and Regeneration. <i>Advances in Experimental Medicine and Biology</i> , 2022, 1351, 89-105.	1.6	5
41	In Situ Crosslinkable Collagen-Based Hydrogels for 3D Printing of Dermis-Mimetic Constructs. <i>ECS Journal of Solid State Science and Technology</i> , 2022, 11, 045014.	1.8	4
42	Cancer Theranosis: Multimodal Cancer Theranosis Using Hyaluronate-Conjugated Molybdenum Disulfide (<i>Adv. Healthcare Mater.</i> 1/2019). <i>Advanced Healthcare Materials</i> , 2019, 8, 1970002.	7.6	1
43	Real-time bioimaging of hyaluronic acid derivatives using quantum dots for biopharmaceutical delivery applications. , 2010, , .		0
44	Vaccines: Noninvasive Transdermal Vaccination Using Hyaluronan Nanocarriers and Laser Adjuvant (<i>Adv. Funct. Mater.</i> 15/2016). <i>Advanced Functional Materials</i> , 2016, 26, 2511-2511.	14.9	0
45	Terbium-doped Mesoporous Silica Nanoparticles for Bioimaging Purposes. , 2021, , .		0