Jun Hyuk Heo

List of Publications by Year
in descending order

18 papers	775 citations	840119 11 h-index	887659 17 g-index
18 all docs	18 docs citations	18 times ranked	1271 citing authors

#	Article	IF	Citations
1	Natural bone-mimicking nanopore-incorporated hydroxyapatite scaffolds for enhanced bone tissue regeneration. Biomaterials Research, 2022, 26, 7.	3.2	27
2	Progress and perspectives of metal-ion-substituted hydroxyapatite for bone tissue engineering: comparison with hydroxyapatite. Journal of the Korean Ceramic Society, 2022, 59, 271-288.	1.1	6
3	Nanoparticles as Next-Generation Tooth-Whitening Agents: Progress and Perspectives. ACS Nano, 2022, 16, 10042-10065.	7.3	12
4	Optical DNA Based Sensors for Cervical Cancers. , 2021, , 71-83.		1
5	Bioinspired Adenosine Triphosphate as an â€œAll-In-Oneâ€•Green Flame Retardant via Extremely Intumescent Char Formation. ACS Applied Materials & Interfaces, 2021, 13, 22935-22945.	4.0	37
6	Portable Au Nanoparticle-Based Colorimetric Sensor Strip for Rapid On-Site Detection of Cd2+ Ions in Potable Water. Biochip Journal, 2021, 15, 276-286.	2.5	17
7	Simultaneous Stabilization and Functionalization of Gold Nanoparticles via Biomolecule Conjugation: Progress and Perspectives. ACS Applied Materials & Interfaces, 2021, 13, 42311-42328.	4.0	45
8	Enhancement in the adhesion properties of polycarbonate surfaces through chemical functionalization with organosilicon coupling agents. Journal of Materials Science: Materials in Electronics, 2019, 30, 17773-17779.	1.1	10
9	A Paperâ€Based Platform for Longâ€Term Deposition of Nanoparticles with Exceptional Redispersibility, Stability, and Functionality. Particle and Particle Systems Characterization, 2019, 36, 1800483.	1.2	14
10	The Effect of Î¶â€Potential and Hydrodynamic Size on Nanoparticle Interactions in Hydrogels. Particle and Particle Systems Characterization, 2019, 36, 1800292.	1.2	10
11	Soft, smart contact lenses with integrations of wireless circuits, glucose sensors, and displays. Science Advances, 2018, 4, eaap9841.	4.7	465
12	Chemical effects of organo-silanized SiO2 nanofillers on epoxy adhesives. Journal of Industrial and Engineering Chemistry, 2017, 54, 184-189.	2.9	20
13	A one-step colorimetric acidâ€“base titration sensor using a complementary color changing coordination system. Analyst, The, 2016, 141, 3890-3897.	1.7	14
14	A significant enhancement of color transition from an onâ€“off type achromatic colorimetric nanosensor for highly sensitive multi-analyte detection with the naked eye. Nanoscale, 2016, 8, 18341-18351.	2.8	25
15	Ultrastable-Stealth Large Gold Nanoparticles with DNA Directed Biological Functionality. Langmuir, 2015, 31, 13773-13782.	1.6	29
16	Achromaticâ€“chromatic colorimetric sensors for onâ€“off type detection of analytes. Analyst, The, 2014, 139, 6486-6493.	1.7	17
17	Surfactant-free nanoparticleâ€“DNA complexes with ultrahigh stability against salt for environmental and biological sensing. Analyst, The, 2014, 139, 5936-5944.	1.7	20
18	Stability of a Gold Nanoparticle-DNA System in Seawater. Journal of Nanoscience and Nanotechnology, 2013, 13, 7254-7258.	0.9	6