

Sanghyun Yoo

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

151
citations

1307594

7
h-index

1199594

12
g-index

14
all docs

14
docs citations

14
times ranked

131
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanomaterial-Embedded DNA Films on 2D Frames. ACS Applied Bio Materials, 2022, 5, 2812-2818.	4.6	0
2	Chroma-hue controllable color and thermocolor-added deoxyribonucleic acid films. Thin Solid Films, 2020, 706, 138072.	1.8	5
3	Demonstration of Arithmetic Calculations by DNA Tile-Based Algorithmic Self-Assembly. ACS Nano, 2020, 14, 5260-5267.	14.6	23
4	Mechanical characteristics of free-standing DNA thin films tuned by gold nanoparticles, metal and lanthanide ions. Journal of Physics and Chemistry of Solids, 2019, 135, 109104.	4.0	3
5	Large-Scale Fabrication of Copper-Ion-Coated Deoxyribonucleic Acid Hybrid Fibers by Ion Exchange and Self-Metallization. ACS Omega, 2019, 4, 16462-16470.	3.5	3
6	Optoelectrical and mechanical properties of multiwall carbon nanotube-integrated DNA thin films. Nanotechnology, 2019, 30, 245704.	2.6	9
7	Metal and Lanthanide Ion-Co-doped Synthetic and Salmon DNA Thin Films. ACS Omega, 2019, 4, 6530-6537.	3.5	8
8	Layer-dependent characterization of individual and mixed ion-doped multi-layered DNA thin films. Applied Surface Science, 2019, 479, 47-54.	6.1	7
9	Phase, current, absorbance, and photoluminescence of double and triple metal ion-doped synthetic and salmon DNA thin films. Nanotechnology, 2017, 28, 405702.	2.6	13
10	Structural stability and electrical characteristic of DNA lattices doped with lanthanide ions. Current Applied Physics, 2017, 17, 1409-1414.	2.4	4
11	Morphological and Optoelectronic Characteristics of Double and Triple Lanthanide Ion-Doped DNA Thin Films. ACS Applied Materials & Interfaces, 2016, 8, 14109-14117.	8.0	21
12	Hall transport of divalent metal ion modified DNA lattices. Applied Physics Letters, 2015, 106, 263702.	3.3	12
13	Optical Band Gap and Hall Transport Characteristics of Lanthanide-Ion-Modified DNA Crystals. Journal of Physical Chemistry C, 2015, 119, 14443-14449.	3.1	24
14	Tunable near white light photoluminescence of lanthanide ion (Dy ³⁺ , Eu ³⁺ and Tb ³⁺) doped DNA lattices. RSC Advances, 2015, 5, 55839-55846.	3.6	19