

Ji-Young Hwang

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

1,828
citations

257450

24
h-index

265206

42
g-index

51
all docs

51
docs citations

51
times ranked

2965
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Simple and cost-effective method of highly conductive and elastic carbon nanotube/polydimethylsiloxane composite for wearable electronics. <i>Scientific Reports</i> , 2018, 8, 1375. | 3.3 | 185 |
| 2 | Smc5 and Smc6 mediate DNA double-strand-break repair by promoting sister-chromatid recombination. <i>Nature Cell Biology</i> , 2006, 8, 1032-1034. | 10.3 | 170 |
| 3 | Mutator genes for suppression of gross chromosomal rearrangements identified by a genome-wide screening in <i>Saccharomyces cerevisiae</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 9039-9044. | 7.1 | 138 |
| 4 | Regulatory modes of rod outer segment membrane guanylate cyclase differ in catalytic efficiency and Ca ²⁺ -sensitivity. <i>FEBS Journal</i> , 2003, 270, 3814-3821. | 0.2 | 105 |
| 5 | Carbon-nanotube-interfaced glass fiber scaffold for regeneration of transected sciatic nerve. <i>Acta Biomaterialia</i> , 2015, 13, 324-334. | 8.3 | 99 |
| 6 | Calcium- and Myristoyl-Dependent Properties of Guanylate Cyclase-Activating Protein-1 and Protein-2. <i>Biochemistry</i> , 2002, 41, 13021-13028. | 2.5 | 89 |
| 7 | Biofunctionalized carbon nanotubes in neural regeneration: a mini-review. <i>Nanoscale</i> , 2013, 5, 487-497. | 5.6 | 83 |
| 8 | 3D Printed, Customizable, and Multifunctional Smart Electronic Eyeglasses for Wearable Healthcare Systems and Human-Machine Interfaces. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 21424-21432. | 8.0 | 68 |
| 9 | The Role of STAT1/IRF-1 on Synergistic ROS Production and Loss of Mitochondrial Transmembrane Potential during Hepatic Cell Death Induced by LPS/d-GalN. <i>Journal of Molecular Biology</i> , 2007, 369, 967-984. | 4.2 | 59 |
| 10 | Flexible Conductive Composite Integrated with Personal Earphone for Wireless, Real-Time Monitoring of Electrophysiological Signs. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 21184-21190. | 8.0 | 52 |
| 11 | Carbon Nanotube Nanocomposites with Highly Enhanced Strength and Conductivity for Flexible Electric Circuits. <i>Langmuir</i> , 2015, 31, 7844-7851. | 3.5 | 46 |
| 12 | Carbon nanotube-gelatin-hydroxyapatite nanohybrids with multilayer core-shell structure for mimicking natural bone. <i>Carbon</i> , 2014, 77, 379-389. | 10.3 | 45 |
| 13 | Importance of voriconazole therapeutic drug monitoring in pediatric cancer patients with invasive aspergillosis. <i>Pediatric Blood and Cancer</i> , 2013, 60, 82-87. | 1.5 | 44 |
| 14 | Vitamin D receptor gene polymorphisms and the risk for female reproductive cancers: A meta-analysis. <i>Maturitas</i> , 2015, 81, 256-265. | 2.4 | 43 |
| 15 | Mph1p promotes gross chromosomal rearrangement through partial inhibition of homologous recombination. <i>Journal of Cell Biology</i> , 2008, 181, 1083-1093. | 5.2 | 42 |
| 16 | Irregular dimerization of guanylate cyclase-activating protein 1 mutants causes loss of target activation. <i>FEBS Journal</i> , 2004, 271, 3785-3793. | 0.2 | 41 |
| 17 | 3D-cultured human placenta-derived mesenchymal stem cell spheroids enhance ovary function by inducing folliculogenesis. <i>Scientific Reports</i> , 2018, 8, 15313. | 3.3 | 40 |
| 18 | The myristoylation of the neuronal Ca ²⁺ -sensors guanylate cyclase-activating protein 1 and 2. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2002, 1600, 111-117. | 2.3 | 36 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Production of CNT-taxol-embedded PCL microspheres using an ammonium-based room temperature ionic liquid: As a sustained drug delivery system. <i>Journal of Colloid and Interface Science</i> , 2015, 442, 147-153. | 9.4 | 34 |
| 20 | Self-Adhesive and Capacitive Carbon Nanotube-Based Electrode to Record Electroencephalograph Signals From the Hairy Scalp. <i>IEEE Transactions on Biomedical Engineering</i> , 2016, 63, 138-147. | 4.2 | 32 |
| 21 | Scaffold-free parathyroid tissue engineering using tonsil-derived mesenchymal stem cells. <i>Acta Biomaterialia</i> , 2016, 35, 215-227. | 8.3 | 31 |
| 22 | The impact of drug-resistant cytomegalovirus in pediatric allogeneic hematopoietic cell transplant recipients: a prospective monitoring of <sc>UL</sc>97 and <sc>UL</sc>54 gene mutations. <i>Transplant Infectious Disease</i> , 2014, 16, 919-929. | 1.7 | 30 |
| 23 | Smc5–Smc6 complex suppresses gross chromosomal rearrangements mediated by break-induced replications. <i>DNA Repair</i> , 2008, 7, 1426-1436. | 2.8 | 27 |
| 24 | The Rad1-Rad10 Complex Promotes the Production of Gross Chromosomal Rearrangements From Spontaneous DNA Damage in <i>Saccharomyces cerevisiae</i> . <i>Genetics</i> , 2005, 169, 1927-1937. | 2.9 | 26 |
| 25 | Natural bone-like biomimetic surface modification of titanium. <i>Applied Surface Science</i> , 2014, 301, 401-409. | 6.1 | 26 |
| 26 | Ionic liquid-doped and p-NIPAAm-based copolymer (p-NIBIm): extraordinary drug-entrapping and -releasing behaviors at 38–42 °C. <i>RSC Advances</i> , 2014, 4, 26738-26747. | 3.6 | 24 |
| 27 | Electrical and thermal stimulus-responsive nanocarbon-based 3D hydrogel sponge for switchable drug delivery. <i>Nanoscale</i> , 2022, 14, 2367-2382. | 5.6 | 23 |
| 28 | Screening Ultrasound in Women with Negative Mammography: Outcome Analysis. <i>Yonsei Medical Journal</i> , 2015, 56, 1352. | 2.2 | 22 |
| 29 | Differential stimulation of neurotrophin release by the biocompatible nano-material (carbon) Tj ETQq1 1 0.784314 <small>rgBT / Overlock 10 Tf</small> | 2.4 | 20 |
| 30 | Preparation of nano/macroporous polycaprolactone microspheres for an injectable cell delivery system using room temperature ionic liquid and camphene. <i>Journal of Colloid and Interface Science</i> , 2016, 465, 18-25. | 9.4 | 20 |
| 31 | Small intestine- and colon-specific smart oral drug delivery system with controlled release characteristic. <i>Materials Science and Engineering C</i> , 2018, 91, 247-254. | 7.3 | 20 |
| 32 | Ionic and thermo-switchable polymer-masked mesoporous silica drug-nanocarrier: High drug loading capacity at 10 °C and fast drug release completion at 40 °C. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 144, 229-237. | 5.0 | 16 |
| 33 | Porous Poly(3-hydroxybutyrate) Scaffolds Prepared by Non-Solvent-Induced Phase Separation for Tissue Engineering. <i>Macromolecular Research</i> , 2020, 28, 835-843. | 2.4 | 15 |
| 34 | Microfluidic spinning of the fibrous alginate scaffolds for modulation of the degradation profile. <i>Tissue Engineering and Regenerative Medicine</i> , 2016, 13, 140-148. | 3.7 | 13 |
| 35 | A brain-computer interface speller using peripheral stimulus-based SSVEP and P300. , 2017, , . | | 12 |
| 36 | Calcium-dependent cysteine reactivities in the neuronal calcium sensor guanylate cyclase-activating protein 1. <i>FEBS Letters</i> , 2001, 508, 355-359. | 2.8 | 11 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Associations between Estrogen Receptor Gene Polymorphisms and Endometriosis. <i>The Journal of Korean Society of Menopause</i> , 2013, 19, 64. | 0.6 | 8 |
| 38 | Effect of carbon fiber content on thermal and electrical conductivity, EMI shielding efficiency, and radiation energy of CMC/PVA composite papers with carbon fibers. <i>Synthetic Metals</i> , 2021, 273, 116708. | 3.9 | 8 |
| 39 | Self assembly of positively charged carbon nanotubes with oppositely charged metallic surface. <i>Applied Surface Science</i> , 2012, 258, 6455-6459. | 6.1 | 7 |
| 40 | Positively Charged Silver Nanoparticles Threaded on Carbon Nanotube for the Efficient Delivery of Negatively Charged Biomolecules. <i>Bulletin of the Korean Chemical Society</i> , 2011, 32, 3581-3586. | 1.9 | 5 |
| 41 | Mucin gene polymorphisms are associated with endometriosis in Korean women. <i>Archives of Gynecology and Obstetrics</i> , 2020, 301, 801-807. | 1.7 | 3 |
| 42 | Genetic alteration in ovarian cancer. <i>Archives of Gynecology and Obstetrics</i> , 2014, 290, 827-830. | 1.7 | 2 |
| 43 | Single nucleotide polymorphisms in both endometriosis and ovarian cancer. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2014, 93, 839-841. | 2.8 | 2 |
| 44 | Antibody Responses in Hematopoietic Cell Transplantation Recipients after Vaccination Against <i>Haemophilus Influenzae</i> Type b and <i>Streptococcus pneumoniae</i> . <i>Korean Journal of Pediatric Infectious Diseases</i> , 2014, 21, 81. | 0.1 | 2 |
| 45 | Preliminary testing for endometriosis and gene polymorphisms. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2014, 93, 611-612. | 2.8 | 1 |
| 46 | Relationship between preeclampsia, gestational hypertension, and vitamin D receptor (VDR) gene polymorphisms. <i>Archives of Gynecology and Obstetrics</i> , 2015, 292, 717-718. | 1.7 | 1 |
| 47 | Scaffolds for parathyroid tissue engineering. , 2019, , 787-807. | | 1 |
| 48 | Clinical Manifestations of Norovirus Infection in Korean Pediatric Cancer Patients. <i>Korean Journal of Pediatric Infectious Diseases</i> , 2011, 18, 40. | 0.1 | 1 |
| 49 | A Comparison of the Cambodian and the South Korean Health Care System. <i>Journal of Menopausal Medicine</i> , 2016, 22, 1. | 1.1 | 0 |
| 50 | Re: The changing practice of the obstetrician. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2016, 123, 477-477. | 2.3 | 0 |
| 51 | Re: The clinical utility of genetic testing of tissues from pregnancy losses. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2018, 125, 1198-1199. | 2.3 | 0 |